
From: [REDACTED]
Sent: Sunday, October 3, 2021 2:32 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

In the near future, we will need spaceport across the county. Starbase is an important demonstration to outline the mitigation that will be needed at spaceports across the country. I view starship as an importantly critical capability demonstration for the technological viability of a fully refuelable space transport system. Not this system allow for human exploration of the solar system, but it will also pave the way for a spaced based infrastructure for a multi-trillion dollar mining, transportation and manufacturing spaced economic sector. This will drive a rapid GDP growth of our nation's economy, so long as SpaceX is first, as opposed to Chinese plans to replicate this space based capability. Therefore, the rapid progression of the development of SpaceX's starship is a national security issue. Unnecessary delay could greatly impact the United States' global economic status. The GDP loss to China's gain would cause the USD to be replaced as the main global business currency to the Chinese Yuan. This in turn would greatly strengthen China's global power while greatly weakening the US's. The impact on the USD could cause a rapid deflation of its value, potentially collapsing the United States entire economy and quality of life for our citizens. This would be a very devastating economic depression, from which there may not be recovery. We must do everything possible to assist SpaceX in successfully developing Starship, in the name of our national security, all US Citizens and frankly all the global citizens of our planets free democratic nations. This is in fact, not only an issue of national security, but also an issue of global security. Do not be on the wrong side of history.

From: [REDACTED]
Sent: Sunday, October 3, 2021 2:40 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello- faa. I want to see Starship launches from starbase!. Greetings from Marijn.

From: [REDACTED]
Sent: Sunday, October 3, 2021 4:30 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am here to support the team at SpaceX this project keeps my life intersection and make my lie better in many ways.. I am a staunch pro environment person, but I also know the human race will die off in mass extinction ..the sea is rising , the base is not forever .. let them launch thanks TJ

From: [REDACTED]
Sent: Sunday, October 3, 2021 5:58 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please help the starship to launch this year, it will help Space X to become more productive and to help space travel more common.

From: [REDACTED]
Sent: Sunday, October 3, 2021 7:15 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I hope that the FAA will allow SpaceX to continue with starship development. I believe that the inhabitants of Earth are destroying the planet and will not do anything to change the path, judging by the way Covid 19 is such a mess. Perhaps humanity could survive and learn how not to destroy itself elsewhere in the Universe, because we have done a bang up job so far with our environment.

From: [REDACTED]
Sent: Sunday, October 3, 2021 7:47 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To Whom It May Concern, It is apparent that the societal benefits to be gained from SpaceX's Boca Chica launch facility far outweigh any potential negative impact from an environmental standpoint. It could be said that the hopes of the entire world rest on the brave individuals undertaking a task so challenging. They are pressing forward in the spirit of exploration and the benefits of Boca Chica in particular make it an ideal location that deserves regulatory approval. Please allow SpaceX to conduct their full scale operations from the site. Thanks,
Clay

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:28 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let spacex fly! Minimize red tape and allow innovation

From: [REDACTED]
Sent: Sunday, October 3, 2021 8:20 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support granting SpaceX license to launch as many orbital launches as needed annually. This helps the south Texas economy as well as furthers our space exploration. The ecology of the area is secondary as this is a desolate area.

From: [REDACTED]
Sent: Sunday, October 3, 2021 8:51 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please support the efforts SpaceX is making to make us a spacefaring nation. A tremendous amount of effort is ongoing in Boca Chica and it would be a serious mistake to fail to support that effort to open up space for the personal and business endeavors of the American people and our businesses efforts to get into space at reasonable costs.

From: [REDACTED]
Sent: Sunday, October 3, 2021 9:17 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

While I understand the need for this review I strongly urge you approve the development of this exciting new technology. America needs something to unite us these days and I believe a renewed push toward interplanetary spaceflight could do the trick. Just as the Apollo missions brought people together in the 1960's & '70's, so too can this program during these difficult times. Thank you for your time. R. Owens

From: [REDACTED]
Sent: Sunday, October 3, 2021 9:27 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please grant SpaceX the permission to test and fly on an aggressive timeline. Only an aggressive timeline will allow SpaceX to open space travel and the space economy to everyone. I support SpaceX's efforts to develop and fly Starship on an aggressive timeline. Starship is crucial to opening the space economy to the USA and the world. And Starship will transform the local area by providing economic opportunities and highly technical jobs. Thank you, Robert Blaske Marietta, GA

From: [REDACTED]
Sent: Sunday, October 3, 2021 10:02 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

lets move forward with this process as quickly and safely as possible to let space x do the necessary testing to get this project up and running so that we can move forward in this new and exciting frontier

From: [REDACTED]
Sent: Sunday, October 3, 2021 10:41 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

This launch site is in my opinion, ABSOLUTELY necessary. Progress must be encouraged and the FAA needs to get on board! SpaceX is a fantastic innovative company that is moving at lightspeed, the only thing slowing down this wonderful company is the overly bureaucratic regulatory agencies and "rival" companies, I use airquotes because the competition just isn't there. SpaceX is years ahead in progress on it's next generation starship compared to so called "rival" companies. The FAA needs to be bending over backwards to help SpaceX progress, not throwing wrenches in the operation. The FAA is slow and broken and needs major changes if we are going to become a multi-planetary civilization. Get it together guys.. and stop slowing down progress... its embarrassing

From: [REDACTED]
Sent: Sunday, October 3, 2021 10:42 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

This launch site is in my opinion, ABSOLUTELY necessary. Progress must be encouraged and the FAA needs to get on board! SpaceX is a fantastic innovative company that is moving at lightspeed, the only thing slowing down this wonderful company is the overly bureaucratic regulatory agencies and "rival" companies, I use airquotes because the competition just isn't there. SpaceX is years ahead in progress on it's next generation starship compared to so called "rival" companies. The FAA needs to be bending over backwards to help SpaceX progress, not throwing wrenches in the operation. The FAA is slow and broken and needs major changes if we are going to become a multi-planetary civilization. Get it together guys.. and stop slowing down progress... its embarrassing

From: [REDACTED]
Sent: Sunday, October 3, 2021 11:45 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

From what I see in the draft impact statement, the SpaceX proposal seems to be well supported and, on balance, very much in the national interest. I doubt that I can supply any input on technical details that your own staff doesn't know, so I'll confine my comments to the national interest side. The rocket development SpaceX has done has attracted many enemies. Some of them are doubtless well-intentioned, and I have no dispute with them, though I disagree with their conclusions and frequently don't share their motivations. I believe strongly in the importance of space and of developing a permanent human presence there far greater than the nominal presence we have now. SpaceX -- alone, so far -- seems to have a chance to make that possible. I believe that the value we get from letting SpaceX proceed far exceeds even the most exaggerated estimates of the environmental cost. (And if their more optimistic scenarios come to pass, SpaceX will have a net positive impact even in purely environmental terms.) But the largest benefit to the nation will be if SpaceX can demonstrate that the outrageously slow and expensive development process used by the space and defense industries can be improved. Without competition, we'll just continue to pour money into ever-more-expensive high-tech gadgetry like the F-35 or the James Webb space telescope. (Both meritorious, but both grossly delayed and over cost.) I believe that the national interest requires that government remove artificial barriers to companies like SpaceX. (And Blue Origin and others if they get their acts together.) We should not stand in the way.

From: [REDACTED]
Sent: Sunday, October 3, 2021 11:47 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am a large fan of spacex and their plans to go to mars. Poker chica is bad at the bottom of Texas and there's nothing around it. The beaches are very desolate and there's miles and miles at beaches. The small amount where spacex is he's not gonna do anything as far as it environmental impact. I think he during spacex is only holding back is base program. And it's been held back way too much. Let them launch their rockets.

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:43 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

We choose to go to Mars in this decade and do the other things, not because they are easy, but because they are hard, because that goal will serve to organize and measure the best of our energies and skills, because that challenge is one that we are willing to accept, one we are unwilling to postpone, and one which we intend to win.

From: [REDACTED]
Sent: Sunday, October 3, 2021 11:50 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I strongly support SpaceX's goal of colonizing Mars. This company will change the way humanity lives for the better. It's worth taking some risks. Let's keep American exceptional and not force these companies somewhere else like China.

From: [REDACTED]
Sent: Sunday, October 3, 2021 12:00 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support the development and evolution of the FAA safety and environmental regulations to keep this new innovations proceeding. This is a new and exciting time, like the discovery of flight itself!

From: [REDACTED]
Sent: Sunday, October 3, 2021 12:16 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe it is crucial to give SpaceX a long leash for their Starship project, because if it succeeds, it will bring the most significant paradigm shift in the history of human transportation. Please consider the high points: the boat the wheel the sail Roman roads clipper ships steam locomotives trans-Atlantic steamships Ford Model T Douglas DC-3 Boeing 707 SpaceX Starship As important as all these advancements--among others--have been, only one of them will allow humankind to leave the cradle of Earth to fulfill our destiny. The rarest thing in the Universe appears to be life itself, and if humankind can be said to have a purpose, it is to spread that life to other worlds, and eventually to other stars. That's Job 1, and it will never happen at a billion dollars per launch for the Space Shuttle or SLS. SpaceX is making that possible, if we will only let them.

From: [REDACTED]
Sent: Sunday, October 3, 2021 12:42 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Really good! Looking forward to see the orbit attempts!

From: [REDACTED]
Sent: Sunday, October 3, 2021 12:52 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

spaceX is contributing greatly towards humanity's goals and dreams. companies that lack access to space now can achieve their goal because of spacex. if elon musk wants to grow his company 10x bigger why stop him, he's only doing good. He is a very busy and ambitious man. the FAA is only a pebble in the path of a shifting continent(spaceX)

From: [REDACTED]
Sent: Sunday, October 3, 2021 12:58 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support granting this application. No worthy endeavour is without cost, risk and some damage. The benefits of SpaceX succeeding to humanity all over the world, science is so massive, some risk should be permitted. SpaceX is and will continue to take meaningful and prudent care. I support granting this application. In case it's relevant, I'm a medical doctor, business consultant, healthcare CEO. Feel free to contact me and discuss this if it's relevant. My name is in my email address.

From: [REDACTED]
Sent: Sunday, October 3, 2021 2:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I wholeheartedly support SpaceX in their efforts at Boca Chica to build, test, launch Starships and any related activities.

From: [REDACTED]
Sent: Sunday, October 3, 2021 4:01 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello FAA decision makers Aside from any extreme issues,I think the company of SpaceX should be given card blanche. Allowing rapid progress of technology in this country will help keep this country strong. I hope that you will decide and find a way to expedite SpaceX agenda. Thank you Ken

From: [REDACTED]
Sent: Sunday, October 3, 2021 4:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The greatest majority of wildlife researchers and environmental scientists believe it is wrong for SpaceX to develop a site at Boca Chica. We need to preserve as much biodiversity as possible and things beyond our control are already conspiring to reduce wildlife and habitat. Boca Chica is TOTALLY under our (your) control. Why do this? You may say that SpaceX already have a large investment there but remember two things. Firstly SpaceX and Musk are extremely wealthy. Secondly they have established launch sites elsewhere. You may face opposition from Texas lawmakers who put money first but that should not influence you. You may incur the wrath of the musk tweet machine but what does that matter? Think of what you might tell your grandchildren about the wildlife at Boca Chica and your part in protecting it. Just today we see wetlands in California being destroyed by an oil leak. Can we afford to lose more? There are no wetlands on Mars and in any case we know that the whole Mars venture is an ego trip. Tell Mr Musk to take his toys to Cape Kennedy. You will be heroes to so many people. Thank you

From: [REDACTED]
Sent: Sunday, October 3, 2021 5:07 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I don't think a company of this ingenuity and genius should be held down by the likes of people like Jeff Bezos or the FAA. Where was the public hearing when falcon 9 was in it's testing phase? Why do we need one now?

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:44 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I strongly support the SpaceX mission, and am looking forward to seeing lots of testing and launches from the Boca Chica location, also known as "Star Base", because why not. Please do what you need to do without causing unnecessary delays. These are the guys moving us into the future. They deserve our support. P.S. Did you see the Netflix special?

From: [REDACTED]
Sent: Sunday, October 3, 2021 5:12 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX must continue with Starship testing and be allowed orbital flight. God Speed Elon and Starship!

From: [REDACTED]
Sent: Sunday, October 3, 2021 5:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom this may concern: I do believe that the FAA is being too restrictive to the innovation of space flight. If you don't want to push SpaceX out of the US, let them do what they need to do. Clear the wildlife, and warn the locals that are too close. There are many locals that do not want to move and have refused SpaceX offers to buy their property. That is on them. They are more than willing to evacuate as needed to prevent injury. SpaceX should give ample warning before any testing or launches. As far as HWY 4, maybe SpaceX can build a service road far enough alongside the HWY to use without having to close HWY 4 for transports. Please, whatever you do, do NOT hamper this innovation. You will kill this space option for the USA and just give it to some other country.

From: [REDACTED]
Sent: Sunday, October 3, 2021 5:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

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From: [REDACTED]
Sent: Sunday, October 3, 2021 5:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

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From: [REDACTED]
Sent: Sunday, October 3, 2021 5:55 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I wish the FAA would work with SpaceX instead of against them.

From: [REDACTED]
Sent: Sunday, October 3, 2021 6:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support SpaceX in all things. Please do not impede progress. I live in Waelder TX and frequently make the 300 mile trip to view progress and support the surrounding area.

From: [REDACTED]
Sent: Sunday, October 3, 2021 6:08 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The environment around the Boca Chica launch site and related SpaceX facilities is important to protect. However, SpaceX has displayed that the environmental impact of their launch facility on the environment is minimal and not of major concern. I have found SpaceX's plan to protect the environment around their launch site and minimize any environment impact to be sufficient and reasonable. It is of great importance to allow SpaceX to continue operations and be allowed to expand their facilities. Space travel and exploration are vital for humanity and should be encouraged to innovate and flourish. The environmental impact of SpaceX operations is minimal and justified. They should also be allowed to conduct as many tests as necessary to perfect their operations, within reason. Thank you!

From: [REDACTED]
Sent: Sunday, October 3, 2021 6:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I dont really see much that is an risk to the Enviroment or anything and really think spacex might even be helping the endanger animals

From: [REDACTED]
Sent: Sunday, October 3, 2021 6:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is doing great things and should be able to continue without bureaucratic interference. I support SpaceX.

From: [REDACTED]
Sent: Saturday, October 2, 2021 10:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX should get full support of FAA

From: [REDACTED]
Sent: Sunday, October 3, 2021 6:41 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe such delays in space x's mission are a crime to humanity. It is true I do not know the cons of such launch. However the pros certainly are more than sufficient to outweigh the cons. I mean, spacex might not be the company that makes us interplanetary, but with the success of their missions they are inspiring a whole new generation. And on the plus side, Boca chica is now world known. This will develop the land at an exponential pace, with help of tourism, which in turn will flourish the economy. If the cons are environmental, then all airports should be shutdown because they are also not environmentally friendly. In my opinion the question if the launches should be allowed or not is just blatantly ignorant. Of course the launches should be allowed. Imagine if the first aeroplanes were not able to fly due to the government. There would be no FAA

From: [REDACTED]
Sent: Sunday, October 3, 2021 7:14 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would like to share the following excerpt from an essay I found at this web site regarding why I think SpaceX and Starship must continue testing at Boca Chica, TX and that the FAA must not further delay the testing for the advancement of humanity. Space exploration has produced an impressive record of benefits for humanity. There is a body of evidence of such benefits into a few key observations about the capacity of future space exploration to contribute to innovation, culture and inspiration, and new means to address global challenges. Space exploration has driven scientific and technological innovation that benefits people around the globe every day. Sending humans and machines into space presents challenges that are overcome only by the utmost ingenuity; this leads to new knowledge and technical innovations that are used on Earth in ways that can be dramatic and unpredictable. Space exploration serves a cultural and inspirational purpose by fulfilling a deep need to understand the world, address questions about the origins of life and the nature of the Universe, and to expand the notion of what it means to be human. Because space exploration stimulates significant global investment and international partnerships, and because of its extremely challenging nature, demands the development of cutting-edge technical capabilities, it provides unique opportunities to address some of the global challenges facing society today. When nations work together on challenging space missions, this promotes international cooperation beyond the realm of space. It aligns interests and forges relationships that further peace and stability on Earth. There is no activity on Earth that matches the unique challenges of space exploration. The first fifty years of space activity have generated benefits for people around the globe. This past record gives strong reason for confidence that renewed investments in space exploration will have similarly positive impacts for future generations Source: <https://www.nasa.gov/sites/default/files/files/Benefits-Stemming-from-Space-Exploration-2013-TAGGED.pdf>

From: [REDACTED]
Sent: Sunday, October 3, 2021 8:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

FAA: RE SpaceX application for Starship Testing and subsequent development. This application must be given a definitive, and positive, approval! After decades of stagnation, SpaceX has pushed the science, and public interest, of space travel to new heights. The start of the Space Program back in the Late 50's kicked off a program that brought thousands of jobs and thousands of benefits to our country. SpaceX is poised to do the same thing. Yes, a few hundred people will be inconvenienced in South Padre around Boca Chica. And while I think Eminent Domain has been abused and overused too many times, this is one of the few instances where it must be considered, where the benefits from the growth of SpaceX will benefit millions, as well as the economy of the United States over the long run. They have already given the US the ability to launch their own Astronauts into space again, instead of paying that dictatorship in Russia. Their private research has produced reusable rockets, and lowered the cost of launching satellites so much, that other companies, here and around the world are deferring to SpaceX, or crying with unfounded lawsuits. They are already well into a space-based Internet mesh to reach rural areas at a reasonable cost. I'm sure all this is known- but it must be weighed, heavily, into this decision, for the multiple orders of magnitude of benefits SpaceX will bring against limited beach access to a remote part of South Padre Island that may inconvenience a few thousand, when tens of millions of citizens will reap current and future benefits of SpaceX innovation and exploration. Please swiftly vote for progress and SpaceX's application.

From: [REDACTED]
Sent: Sunday, October 3, 2021 8:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Space is going to be of critical importance to the USA's future in both commerce and security. As such it is of vital importance we do not impede innovation on this front. SpaceX must be allowed to conduct Starship/Super Heavy launch operations from the Boca Chica Launch Site in Cameron County in order to be able to design and build the transports that will be the basis of the future of spaceflight and the associated economic and safety boons.

From: [REDACTED]
Sent: Sunday, October 3, 2021 8:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in full support of allowing SpaceX to continue to develop the Starship/SuperHeavy program, despite the environmental concerns. I strongly believe it is in our national interest to do so, not only to advance science, but also to give us capabilities in space to defend ourselves against foreign threats. The ability to control space, or not, will have many unforeseen consequences for our national security. Delays in approval of development simply mean that foreign threats, who have no such environmental review delays, will gain ground and we risk losing the lead. These considerations outweigh the environmental costs.

From: Brandon <[REDACTED]>
Sent: Friday, September 17, 2021 9:32 PM
To: SpaceXBocaChica
Subject: Allow The Super Heavy Launch!

Categories: Purple Category

To whom it may concern,

My name is Brandon. I would like to see SpaceX have launch rights for their Super Heavy booster.

I've been a fan of spaceflight ever since I was a kid. Without spaceflight there is not as much innovation. We've developed mobile phones and GPS because of space exploration for example.

I'm not sure what new technologies SpaceX could develop, if anything, but they are inspiring millions to explore space, land again on the moon and create a colony on mars.

Delaying or preventing launches stunts SpaceX' growth and the rest of mankind. It would prevent NASA from landing on the moon again. Mankind has always taken risks. Without those risks we would not be where we are today.

Please consider,
Brandon Hernandez

From: Daan Peranovic <[REDACTED]>
Sent: Friday, September 24, 2021 8:16 AM
To: SpaceXBocaChica
Subject: Boca Chica EA comment- Daan Peranovic

Categories: Purple Category

Dear Sir/Madam,

I hereby would like to submit my comment for the FAA's draft Environmental Assessment for SpaceX's planned activities in Boca Chica, Cameron County. I would like to stress the importance of the Starship program, and SpaceX's ability to develop this system as quickly as possible. Since many have already stressed the importance of SpaceX's mission of making life multiplanetary, I will focus on the importance of cheap space access instead. More particularly, I will focus on how this cheap space access will aid the United States in preserving its global leadership position.

Introduction: the current situation.

As of today, the United States of America is still the world's sole superpower. This Pax Americana has allowed western nations to flourish under peace and stability. But this situation is rapidly changing. The USA is no longer the world's biggest economy. As of recently, China's GDP has become the largest on Earth, and their lead is only growing. While the American military is still the strongest force on Earth, with a smaller economy to fund it, it is not a matter of if, but when China will match America's force and eventually surpass it. Naturally, such a shift of power will lead to tension and potentially war as China seeks to expand its sphere of influence, and America tries to protect it. The tensions are already rising. For example, on September 15, the AUKUS-pact between the US, UK, and Australia was announced as a response to increasing Chinese presence in the Indo-Pacific region.

Starship's impact

- Short term:

As a few might already have mentioned in their own comments, Starship's massive and affordable launch capability will have large consequences for the newly formed Space Force. A single Starship launch will be able to put more mass into orbit than the current entire upmass capability of the world combined, and Starship is designed to be re-flown multiple times per day. Since Starship is expected to do this very affordably (with potential long-term launch cost figures going as low as \$1.5M), America will be completely unchallenged in space. America will be able to take down anything in space as they wish, as foreign space weapons and other satellites would be overrun. Space would be a safe haven where America is unchallenged, with access to anywhere on Earth.

- Long term:

However, as earlier mentioned, the real race against China is not military, but economic, and we are already behind. Long term, you cannot fight an economy that eclipses your own. The following use-case of Starship might sound like Sci-Fi, but I will use conservative figures to demonstrate how America could possibly use its technological lead to restore its economic lead. I will assume that a Starship launch will cost \$20 million. This is on the same order of magnitude of a Falcon 9 launch (~\$55 million), but over 13 times the optimistic \$1.5 million per launch figure.

Starship has great potential to not only make asteroid mining viable, but highly lucrative. Starships will be able to move massive amounts of mass to the Asteroid Belt between Mars and Jupiter to set up mining

infrastructure. The Asteroid Belt contains a vast abundance of valuable metals that the US could tap into. For example, asteroid 16 Psyche is thought to contain a golden core.

As a demonstration to explore the economics of asteroid mining, we send a Starship to 16 Psyche. In the worst case, this takes 9 launches: 1 Starship for the mission, and 8 to completely refill it in a parking orbit before going to 16 Psyche. So, it costs \$180 million. Once we are there, we will assume that the mining infrastructure costs us another \$180 million, bringing the total mission costs to \$360 million. Starship's typical return payload is around 50 (metric) tons. 50 tons of gold is worth \$3 billion. We have doubled our money not once, twice, but three times (a factor of 8). Even if gold loses half of its value because of the increase of supply, and our conservative cost estimate was only half of real-world costs, we still doubled our money.

Urgency

The American empire is in decline. As this is happening, China's power and influence over us grows. Every year that the Starship program is delayed now, is potentially a year in the time window when China has the power to establish a new world order over us a few decades in the future. We can still stop this, 20 years from now we might not be so lucky anymore. Now is the time for America to leverage its technological lead to become the largest economy once again. Now is the time for America to return to its explorer roots and take to the stars for issues that cannot be resolved on Earth.

America could become a large exporter of resources from the Asteroid Belt, move infrastructure to orbit where it cannot harm the environment and cannot be harmed by foreign armies, and ensure the continuation of the comfortable lives we have under Pax Americana.

Suggestion

To maximize the probability of this vision becoming reality, I have a suggestion for the draft Environmental Assessment: unlimited suborbital launches.

I respect the inhabitants of South Padre Island, and as such, noise impacts should be minimized where possible. The orbital launch site that is under construction is still experimental, and I think that it is acceptable to limit orbital launches from this site after sea launch platforms come online. However, Starship production would still be at Starbase, Boca Chica. Previously, Elon Musk has stated his intent to eventually produce a Starship every 72 hours. Since all these Starships and Super Heavy boosters have to be moved to their launch platforms at sea, the likely solution for this is to fly them there with well over 100 suborbital launches per year. These should not be as loud as orbital launches with the full thrust of Super Heavy. Hopefully, this should be less noisy than living near an airport.

Thank you very much for reading my comment! I hope that my comment was helpful and maybe also insightful for your final Environmental Assessment.

Kind regards,
Daan Peranović

From: Dallas Longshore <[REDACTED]>
Sent: Friday, September 24, 2021 10:32 AM
To: SpaceXBocaChica
Subject: Cameron Cty property owner

Categories: Purple Category

Dear Ms. Stacey Zee,

We are beachfront property owners in Cameron County ([REDACTED]) and fully support the proposed SpaceX Starship/Super Heavy program in Boca Chica, Texas.

We appreciate any efforts to guide SpaceX in mitigating potential harm to wildlife and the environment, but firmly believe the company should be granted the necessary licensing to move forward with the programs in question.

Thank you for your consideration.

Regards,
Dallas Longshore

Sent from my T-Mobile 4G LTE Device

From: thansilas thanis lajin <[REDACTED]>
Sent: Friday, September 17, 2021 9:15 PM
To: SpaceXBocaChica
Subject: Comment on starship lunch approval

Categories: Purple Category

I am from Oman Elon musk you have brought brightness to my life for the things you and your team have done not only I am amazed but millions and millions of people are inspired by you and the SpaceX crew. I know you will succeed in being multi planetary for all of humanity. I and millions of people are eagerly waiting to see the launch of starship out of Earth. So, FAA please allow the Elon musk and SpaceX to launch the starship, please allow million peoples and my dream come true.

Thank you,

From: Sam <[REDACTED]>
Sent: Friday, September 17, 2021 5:28 PM
To: SpaceXBocaChica
Subject: Comment Regarding Environmental Assessment For Starship

Categories: Purple Category

To Whom It May Concern,

I am writing to express my support for the SpaceX Starship SuperHeavy Project at the Boca Chica launch site. Starship has the potential to revolutionize spaceflight within the United States. It can facilitate the delivery of crew, as well as scientific and commercial payloads, to the Moon and Mars in a way never before achieved. Such an achievement would save the taxpayer billions of dollars, and spur enormous growth within the spaceflight industry. It can also serve a military purpose by rapidly transferring cargo from one point on Earth to another; the United States Department of Defense has already expressed interest in pursuing this possibility.

I am aware of the concerns regarding Starship's potential impact on the environment or nearby populations. Based on the precautionary measures SpaceX has taken, I do not believe the launch of Starship and its SuperHeavy booster will have a detrimental effect on either entity.

Given Starship's scientific, economic, and strategic benefits, I strongly urge the FAA to permit the orbital launch from Boca Chica as soon as possible.

Sincerely,

Samuel S.

From: Derek Ciampi <[REDACTED]>
Sent: Friday, September 24, 2021 9:04 AM
To: SpaceXBocaChica
Subject: Comment Submission

Categories: Purple Category

Greetings,

As an engineer within the aerospace industry, I feel obligated to comment on the Environmental Assessment for the proposed Starship/Super Heavy project in Boca Chica, Texas.

Elon Musk is a pioneer in the aerospace industry. He has achieved what everyone thought would be impossible and has stimulated the aerospace sector with new life as a result. All forward progress requires the sacrifice of resources. However, the pursuit of human intergalactic expansion is well worth this sacrifice.

Thank you,

Derek Ciampi
Manufacturing Engineer

From: [REDACTED]
Sent: Saturday, September 18, 2021 12:48 PM
To: SpaceXBocaChica
Subject: Comment: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site
Attachments: SpaceX Public Comments.pdf

Categories: Purple Category

Attn: Ms. Stacey Zee, SpaceX PEA, c/o ICF,
9300 Lee Highway, Fairfax, VA 22031
[REDACTED]

Dear Ms. Zee,

My personal support for manned space flight began as a seven-year-old sitting in front of a black and white television with a space helmet (cardboard box) on my head watching the Gemini missions of Alan Shepard, Gus Grissom and John Glen. I'd lost the helmet for the remaining Mercury, Gemini and Apollo missions but I was thrilled by all of them. I felt a great sense of pride, awe and exhilaration when Apollo 11 put Armstrong and Aldrin's footsteps on the moon. Those flights inspired me like nothing else in my early years and made me realize we humans are capable of, and flourish while striving for, amazing things.

The proposed missions to the Moon and Mars, as well as large space station construction, are the amazing things for this generation. I believe the work SpaceX is doing is critical to these missions. For many years now I have been watching many organizations talk about what they will do to help us toward our space goals, but only SpaceX has turned that talk into reality. The Starship/Super Heavy program will also become a reality very soon if the path for continued development is made clear. This one, efficient, low impact and cost-effective system can do so many positive things for our space programs, that I can imagine no reason to delay its development. Any environmental concerns can surely be overcome or mitigated in creative ways to minimize any negative impact on the Starship program at Boca Chica, Texas.

I realize that this letter is not a technical endorsement, but I do hope the positive impact this program has upon humanity is considered. There are so many negatives that we seem to focus on these days, we can really use some inspiration! In closing I can tell you that my young grand children had taken no notice of real space flight until I showed them videos of the SpaceX booster landings and the early Starship tests. Those videos managed to draw their attention away from video games for a while. A forty-year career as a professional pilot is as close as I came to space flight, but I hope this program is the inspiration for many young spacefarers.

Thanks for your consideration,

Captain Scott A. Spencer, Retired.
Verona, Kentucky

Attn: Ms. Stacey Zee, SpaceX PEA, c/o ICF,
9300 Lee Highway, Fairfax, VA 22031

[REDACTED]

Dear Ms. Zee,

My personal support for manned space flight began as a seven-year-old sitting in front of a black and white television with a space helmet (cardboard box) on my head watching the Gemini missions of Alan Shepard, Gus Grissom and John Glen. I'd lost the helmet for the remaining Mercury, Gemini and Apollo missions but I was thrilled by all of them. I felt a great sense of pride, awe and exhilaration when Apollo 11 put Armstrong and Aldrin's footsteps on the moon. Those flights inspired me like nothing else in my early years and made me realize we humans are capable of, and flourish while striving for, amazing things.

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I realize that this letter is not a technical endorsement, but I do hope the positive impact this program has upon humanity is considered. There are so many negatives that we seem to focus on these days, we can really use some inspiration! In closing I can tell you that my young grand children had taken no notice of real space flight until I showed them videos of the SpaceX booster landings and the early Starship tests. Those videos managed to draw their attention away from video games for a while. A forty-year career as a professional pilot is as close as I came to space flight, but I hope this program is the inspiration for many young spacefarers.

Thanks for your consideration,

Captain Scott A. Spencer, Retired.
Verona, Kentucky

From: DrFireChief <[REDACTED]>
Sent: Friday, September 24, 2021 12:03 PM
To: SpaceXBocaChica
Subject: Comments to FAA for SpaceX Starship Project at Boca Chica, Tx

Categories: Purple Category

To Whom It May Concern,

As a TX resident, a retired Air Force Fire Chief, and a concerned citizen I feel I have a legitimate status for input into the SpaceX Boca Chica Starship Project. I'm very confident that Elon Musk, through SpaceX, will be extremely conscientious about the environment at Boca Chica. His many companies have all been targeted to and had a positive overall impact on the environment. Also, I am confident that every precaution will be taken to mitigate, as much as possible, any impact the operation may have. I would hope that the FAA will recognize the net positive impact of this project and approve of the full implementation of construction and flight mission's.

David "Dave" Bullock
[REDACTED]

From: Josh Robles <[REDACTED]>
Sent: Friday, September 24, 2021 5:58 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Comments for SpaceX in Boca Chica

Categories: Purple Category

To whom it may concern,

My name is Joshua Robles and I am a US Citizen and resident of Austin, Texas. I have been following SpaceX's Boca Chica activities and development for a couple of years. I also visited the site in-person and inspected the areas surrounding their facility in June of 2020. After reading the Draft Programmatic Environmental Assessment recently released by the FAA, I want to offer the following comments and opinions.

First and foremost, I believe the importance of this project cannot be overstated. SpaceX's plans to develop the Superheavy Booster and Starship are vital to our nation's continued leadership in space exploration as well as national security and commercial interests. For this reason, it is my opinion that SpaceX should be granted wide latitude to develop and operate their Superheavy and Starship program.

I believe the FAA should grant a waiver so that SpaceX does not need to mitigate the following environmental impact categories: Visual Effects, Cultural Resources, Department of Transportation Act, Section 4(f) and Land Use. With respect to Biological Resources, SpaceX should implement all suggested mitigation activities except the contracting of a qualified biologist during both construction and operation, for which SpaceX should also be granted a waiver. With respect to all other environmental impact categories, SpaceX should be required to implement the proposed mitigation activities as outlined in the report.

I humbly urge the FAA to promptly approve SpaceX's permit for construction and operation of their facility and vehicles with the measures implemented as outlined above. Thank you for your time and consideration.

Respectfully,
Joshua Robles
[REDACTED]

From: Harriet Mulongo <[REDACTED]>
Sent: Sunday, September 19, 2021 8:15 AM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Public Review and Comment Attn: Ms. Stacey Zee/FAA

Categories: Purple Category

Hi Ms. Stacey,

I would like to request you to grant SpaceX permission to launch the Starship from Starbase Boca Chica. I believe it will help improve space science in establishing human presence on Mars.

Hope to hear about starship launch soon.

Thanks,

Harriet Mulongo

Sent from my iPhone

From: Zaragoza Daniel (NAI) <[REDACTED]>
Sent: Friday, September 24, 2021 9:34 AM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Public Review and Comment Period

Categories: Purple Category

To whom it may concern,

Please allow SpaceX to continue with their program. They are doing a great service to this country and are allowing for a new space age. This benefit is worth the risks in my opinion and I think that the company is a great inspiration to the next generation of Americans. Thank you.



Daniel Zaragoza
Assistant System Administrator



From: Jason B <[REDACTED]>
Sent: Friday, September 17, 2021 6:14 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment

Categories: Purple Category

What really matters for the longevity of civilization is making life multiplanetary on a sustained basis.

Becoming multiplanetary is one of the greatest filters.

Only now, 4.5 billion years after Earth formed, is it possible.

How long this window to reach Mars remains open is uncertain.

Perhaps a long time, perhaps not. In case it is the latter, we should act now.

*"Those who attack space
maybe don't realize that
space represents hope
for so many people."*

From: [REDACTED]
Sent: Saturday, September 18, 2021 9:17 AM
To: SpaceXBocaChica
Subject: Environmental Assessment for the SpaceX

Categories: Purple Category

To all concerned

My family and I are in full support of SpaceX. They give all man kind much needed inspiration for a brighter future. I do not believe there goal to ultimately save the human race is limited to just the human species. I believe all species will benefit and in the long run the current environmental impact will be far outweighed by the good SpaceX can do. Thanks

Michael Marzigliano

Msg sent via WebMail

From: Eric Shema <[REDACTED]>
Sent: Friday, September 24, 2021 9:07 AM
To: SpaceXBocaChica
Subject: Environmental review of spacex in boca chica

Categories: Purple Category

I approve of what SpaceX is doing there it is good for America.

We want to go to space and SpaceX is our guy. I approve everything SpaceX

Yours truly,



From: Brian Knechtel <[REDACTED]>
Sent: Friday, September 17, 2021 4:58 PM
To: SpaceXBocaChica
Subject: Environmental Review

Categories: Purple Category

Please support and approve SpaceX Environmental Assessment.
I am in full support of SpaceX

From: Michael Reid <[REDACTED]>
Sent: Friday, September 24, 2021 11:43 AM
To: SpaceXBocaChica
Subject: FAA approval for the Starship program

Categories: Purple Category

Dear Sirs/Madam,

The FAA should review its place in an approval process for the Starship Program. The Starship program is in my opinion vital to our national interests and should not be slowed down or hindered. The approval process at this time should restrict itself to seeing that insurance is in place for the possibility of accidents or damage outside of the SpaceX facility. When passengers or crew begin to be involved the time for some cursory review process again seeing that insurance as well as waivers signed by crew and passengers are in place. The FAA certainly has a place if an accident occurs outside of the facility after the fact.

Michael Reid
[REDACTED]

Sent from [Mail](#) for Windows

From: Thomas <[REDACTED]>
Sent: Friday, September 17, 2021 5:21 PM
To: SpaceXBocaChica
Subject: FAA Comment

Categories: Purple Category

Dear FAA,

Listen and believe us when we say this is one of the most important, when not the most important project in HUMAN HISTORY and we can't stop it. Sure there are many risks involved, but we can't save the world without taking risks. This project is not for my generation but for the future to come. Who knows what will happen to our earth in a few years. Do you really want to risk all humanity for some environmental protection. I know it is important to have this guidelines, but in this case it is also important to break them. Surly we have to keep everyone safe. But FAA do you really want to stop our species to become multi planetary ?

Best Regards

Thomas

Please listen and choose wisely

From: Kenneth Jones <[REDACTED]>
Sent: Friday, September 24, 2021 8:03 AM
To: SpaceXBocaChica
Subject: FAA Draft for SpaceX launch location in Boca Chica TX.

Categories: Purple Category

I feel strongly that the FAA needs to allow this facility to operate as needed to advance the space program and safeguard the American People via the abilities of this facility to protect and defend our great country.

PLEASE LET THEM DO WHAT THEY NEED TO DO.

Ken

Kenneth L. Jones
Riverton Tower Senior Center, Inc.
Director of CIS & Physical Facilities
[REDACTED] Cell
[REDACTED] Direct Office

[REDACTED]



[REDACTED]

From: Mike Van Kauwenberg <[REDACTED]>
Sent: Friday, September 24, 2021 10:11 AM
To: SpaceXBocaChica
Subject: FAA PEA

Categories: Purple Category

Dear FAA Please do not hinder the wonderful progress SpaceX has made to put the USA back in the space game. In fact , in my opinion others are now copying from us. While wildlife is important given enough incentive like loud noise they will relocate. If nothing else please put them on the fast track to launching the "Starship" that will put us not only in the lead as to space travel but help our economy by the infusion of lots of purchasing from SpaceX. Lastly, I would think after so many businesses in the past that have taken our tax dollars from NASA and given very little in return (only enough to keep getting money from us) you would be glad to see an industry like SpaceX creating a great future in space..I know I am. Please show the world that you not only are backing SpaceX by helping them to achieve their goals in record time but also by helping them live with their wildlife neighbors.

Yours truly
Michael Van Kauwenberg

From: Jaime P Oliveira <[REDACTED]>
Sent: Friday, September 24, 2021 10:09 AM
To: SpaceXBocaChica
Subject: FAA Permit

Categories: Purple Category

To whom this may concern.

NASA stopped the Moon program for 50 years. Created a enormous gap in the future in Space, for not good reasons that let the American greatest Icon (NASA) continued to have this old culture to protect very expensive contractors that still developing old rockets technology. We should be thankful for the great achievements of SpaceX Trying to revive the dream of multi planetary society. We the people relain on the FAA to make the right decision for the future of humankind.

Sincerely Thank you!
Jaime P Oliveira

From: Ed Brown <[REDACTED]>
Sent: Friday, September 24, 2021 9:04 AM
To: SpaceXBocaChica
Subject: FAA Public Comment

Categories: Purple Category

As a strong environmentalist, I realize there are some situations requiring leniency for the good of mankind. SpaceX goals and ambitions are so profound and inspiring that such leniency should be granted. I'm not suggesting carte blanche, but rather a spirit of cooperation. To date, the FAA has proven itself to be a well-balanced institution and I hope it continues in its assessment of SpaceX.

Thank you for the opportunity to comment.
Ed Brown

From: anubus42 <[REDACTED]>
Sent: Friday, September 24, 2021 10:06 AM
To: SpaceXBocaChica
Subject: FAA public hearing

Categories: Purple Category

SpaceX is doing the greatest work for the environment , by being part of the Musk group to finance the worlds transition to sustainability . Any damage to the Bocha Chica environment will be insignificant compared to repair that is already started and will continue . Pleas allow SpaceX to continue unhindered .Time is short .

Sent from [Mail](#) for Windows

From: gatica3 <[REDACTED]>
Sent: Friday, September 17, 2021 10:51 PM
To: SpaceXBocaChica
Subject: FAA

Categories: Purple Category

To the FAA.

I wholly support the SpaceX mission to work with NASA in moving mankind into space. The dream of man to travel to other worlds is inspiring and full of hope. We need hope.

There is a need to balance earth's environment and mankind's progress- this can be worked out. Starbase will be the gateway to the stars.. An American Company uniting us to reach higher is so important. Please , as said by the great Martin Luther King Jr., "Keep hope alive"

Respectfully

Toni A Marconi. MSN, RN

Sent from my Verizon, Samsung Galaxy smartphone

From: Linda Rowson <[REDACTED]>
Sent: Friday, September 24, 2021 2:13 AM
To: SpaceXBocaChica
Subject: Feedback

Categories: Purple Category

There is more beaches than the one behind star base to fish on etc and the positive impacts are greater jobs for young people instead of moving away. Plus tourism is back along with all the spin-offs this brings all of this brings much more than a retiree community. The media know where you are know not i'll google place name now and regularly rent rooms to stay. The net gain is greater than losing a local beach and for the turtles money invested elsewhere on conservation beaches would provide the species with the help required to maintain or increase numbers.

From: [REDACTED]
Sent: Thursday, September 23, 2021 11:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am someone who remembers watching the beginning of this country's space program. I haven't been this excited about space since the landing on the Moon ! As in the beginning mistakes were made, corrected, which pushed humanity further into the future. The very one we all are living today. We need something to look forward too... SPACEX is that Hope and our future! Mark F. Tucker Lewisville Texas

From: [REDACTED]
Sent: Friday, September 24, 2021 7:38 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am a Texas resident who has been following the works, plans and advances done by SpaceX. I have also reviewed the contents of the EA and PEA I think we should be supportive of the current development and direction of SpaceX initiative and to develop a two-tier plan to make the company to support, maintain and remediate any negative impacts produced within the radius of influence of the launch-landing operations that may affect the protected areas associated to the Rio Grande floodplains and delta. a Similar situation was experience in FL during the reclamation and development of what is now the Cape Canaveral assembly and launch facility which was also developed on a protected area. It is clear that prototype development brings failures and some degrees of damage that needs to be handled minimizing the environmental impacts, and I think SpaceX wants and must provide more improve conditions for the maintenance and conservation of the area. The amount if time during which the ares will be subject to stressful conditions are negligible when compared to the amount of time it will be near natural conditions. I don't think this will impact permanent and migrating communities. Considering that the benefits of SpaceX is bringing to south Texas in terms of donations, taxes, direct and indirect jobs and contracts, bringing space industry up to the 21st century using private and federal funds, I think a synergistic plan must be worked out to preserve both SpaceX business initiative and the protection of the natural reserve. There are very few to none options for a coastal space facility that does not bring problematic environmental assessments, we should work out a reasonable way for SpaceX and the local communities to move forward with everyone benefiting (including the protected area) from it. It is really hard to imagine starbase somewhere else than texas since this is the only state where they have access to abundant natural gas, helium, cryogenics, a large crew of welders and heavy job contractors, a southern location so the launches requires less fuel to get into orbit. I addition, the spacecraft fuels are based on cryogenics so there are no risk of water and soil contamination. I think this message conveys most of my opinion s. I hope this works well for the country and SpaceX plans. We need it and its been overdue for more than 40 years

From: [REDACTED]
Sent: Friday, September 24, 2021 8:12 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please let SpaceX have as many launches a year as they want! You shouldn't be trying to slow Elon Musk down! We need these launches to go to the Moon and Mars! Elon Musk is arguably the greatest innovator of our generation, we need to be doing everything we can to help him!

From: [REDACTED]
Sent: Friday, September 24, 2021 8:57 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

There is nothing in the environmental impact statement that would prevent the development of the site and subsequent launch operations.

From: [REDACTED]
Sent: Friday, September 24, 2021 9:00 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Did anybody do the same studies for NASA, nor did they, not stop them either from going into space but, now regular people can, go into space cause SpaceX, can do it cheaper, that don't make sense it's God's space nobody owns it, life finds a way to live make a new, wetland who's says you can't move a wet land you moved the original people of this land, I'm sure birds will tell you they love it, ohh yeah they don't talk, so who cares, nature bounces back if you have to move the wetlands, but let us explore space for our future

From: [REDACTED]
Sent: Friday, September 24, 2021 9:49 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

For the good of humanity and for exploration of space this should be allowed... Let SpaceX control the area and the beach as they would take better care of it, while furthering our future...

From: [REDACTED]
Sent: Friday, September 24, 2021 10:12 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think it's ridiculous not to let SpaceX do as many flights as they want from Boca Chica. SpaceX is the world's premier rocket ship and space company ! Boca Chica is a great location near the beach so the flight path is over the Gulf of Mexico waters. This is similar to Cape Canaveral, which is also near beaches, wildlife populated areas etc. I'm sure you can work out all the issues with SpaceX. Just let them do all the flights and landings they want; I don't care if that's hundreds of takeoffs and landings a day, similar to an airport and we have those all over the place especially near populated areas, and we don't shut down or limit airports ! So why do so for a space port ! You got to expand your thinking ! SpaceX is going to save the government hundreds of billions of dollars in space launch, flight and landing costs ! In addition to that, SpaceX will over the years generate hundreds of billions in tax revenue ! As a tax payer I say let Tesla launch and land rockets a thousand rockets a day at Boca Chica, Texas !

From: [REDACTED]
Sent: Friday, September 24, 2021 3:24 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'm a resident of Texas and I am supportive of the work SpaceX is pursuing in Boca Chica. My family lives in nearby Brownsville and they also are supportive.

From: [REDACTED]
Sent: Friday, September 24, 2021 10:17 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please DO NOT delay SpaceX for launches and other related activities at its Boca Chica site. What they are accomplishing is a new and revolutionary concept and will open space exploration and other space related activities for the world. They are moving at an unheard of pace that requires the FAA and other government agencies to update their procedures from past practices. The FAA should provide unwavering support (and not a hinderance) to the commercial space launch providers that are seeking to make space exploration cheaper and more accessible in the next decade.

From: [REDACTED]
Sent: Friday, September 24, 2021 10:37 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would like to log my support for the supper heavy project at SpaceX Boca Chica. Please approve their request for flight/test operations as quickly as possible. I believe that without the super heave project moving forward as quickly as possible the entire space launch industry will suffer greatly and our opportunity to continue on to the moon and mars will be in jeopardy. Thank You Mike Smith

From: [REDACTED]
Sent: Friday, September 24, 2021 11:17 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Negative impacts vs public good looks favorable as usual for launch of this latest, ambitious SpaceX program. Given the gravely critical value of this program to our national security and it's time sensitivity, please add my voice to the others asking that the entire program continue to be fast-tracked as much as is humanly possible. Timely human mastery of spaceflight and exploration also may well be the difference in survival of the human species. Any delay that is not so critical as that may in fact be in detrimental opposition to that potential difference and should be considered in this light. Thank you, sincerely, Jamieson Kraig Smyth

From: [REDACTED]
Sent: Friday, September 24, 2021 11:57 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Good People of the FAA, I wholeheartedly support the Starship/Super Heavy program being conducted by SpaceX at Boca Chica, TX. This program represents an unprecedented opportunity for humanity to accelerate the pace of space exploration, as well as development of resources and facilities on the Moon and Mars. The Starship/Super Heavy program must not only be allowed, but enabled to proceed as quickly as possible. The FAA should be considering new ideas and policies to embrace and support new methodologies and technologies like those being developed by SpaceX. Sincerely, Greg Hammond

From: [REDACTED]
Sent: Friday, September 24, 2021 12:04 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am writing in support of FAA approval for continuing SpaceX operations at their Boca Chica, Texas sites. Based on my career experience as a Ph.D. biologist who has worked in environmental science, agriculture, reproductive physiology and cancer, and spaceflight physiology, I believe that SpaceX operations and launch activity at their Boca Chica facilities pose no significant environmental risk. As has happened with development of Kennedy Space Center in Florida, Wallops Island in Virginia, and the Vandenberg facility in California, these space launch facilities have become refuges protecting thousands of acres of natural habitat with benefit to area wildlife. SpaceX Boca Chica facilities will likely have the same benefits for the natural environment. Thank you for your attention. Wallace Berry

From: [REDACTED]
Sent: Friday, September 24, 2021 12:14 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I have visited the Boca Chica launch facility and find it sufficiently remote and close to the gulf to warrant the FAA's approval of license to operate as they have requested. I can see no reasonable basis for denying it. In fact one cannot be imagine a more fitting location in the lower 48.

From: [REDACTED]
Sent: Friday, September 24, 2021 12:21 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The SpaceX Boca Chica program is the crowning jewel of America's space technology. It was a national shame for NASA to pay \$86 million per astronaut to fly with the Russians to the ISS after the retirement of the Space Shuttle program in 2004. Thank God for Elon and SpaceX America are now leading the new space-race in the 4th Industrial Revolution. With the new SpaceX reusable boosters technology and the Super Heavy program America will have the highest payload, the most advanced and economical means for future space missions. Lastly and most importantly humankind will have insurance from an Extinction Level Event by progressing toward being an interplanetary species. I respectfully request FAA to facilitate the SpaceX programs to achieve these historic endeavors.

From: [REDACTED]
Sent: Friday, September 24, 2021 12:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am writing to provide my support for the SpaceX Boca Chica launch complex as it relates to the latest environmental assessment as currently drafted. My career is in environmental conservation, and through my decades of work saving our planet's ecosystems I have come to understand the challenges we face in these areas. By creating a society that has affordable accessibility to space will forever change the perspective for how fragile and valuable this planet is. SpaceX's vision to make space accessible to all, and ensuring we become a space faring civilisation might be the tipping point to unifying our planet's leaders, businesses, and communities to a common goal of preservation. Perfect must not be the enemy of good, and therefore the work being done at SpaceX's Boca Chica site is not the "perfect" or an ideal scenario when you look at environmental impact, but the benefits far outweigh the concerns when the right conservation perspective it used. Environmentally mitigate, but don't stifle. Additionally, SpaceX's fully reusable StarShip system is already creating a needed step-change in an industry that has simply discarded rockets into our environment for decades with little concern, so adding barriers to the development of this new system only slows the entire industry from making this same shift. As a life-long conservationist I am in full support of this environmental assessment as written, and hope it is approved without revision. Ben Callison

From: [REDACTED]
Sent: Friday, September 24, 2021 4:21 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow SpaceX to launch Super Heavy/ Starship from Boca Chica. Our country needs this victory. I understand there are environmental concerns but getting off this planet is a perfect way to reduce the pressure. The wildlife will adjust. Buoyant regards, Tom Pflasterer, P.E., aeronaut

From: [REDACTED]
Sent: Friday, September 24, 2021 2:20 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

FAA - In 1903 the Wright brothers made a humble start with aerial travel and in short time human creativity and ingenuity flourish. The people of Texas wish for humanity to be curious and grow unhindered. We ask that our public servants allow for our growth unobstructed. We insist it's performed by those proven to launch efficiently, saving our tax dollars. Texas joining the USA in 1845 proved to be mutually advantageous. We expect ongoing action to allow for our unimpeded growth, technical and economic advancement. We are happy to have SpaceX in Texas. The people of Texas want unlimited orbital and suborbital launches from Texas and beyond. Let them fly! - Thank you. Russell

From: [REDACTED]
Sent: Friday, September 24, 2021 2:38 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe that SpaceX should be allowed to continue development and launch activities of their Starship, Falcon Heavy Booster, and other launch vehicles at the Boca Chica facility. SpaceX is driving 100% reusability in their launch vehicles, and are working to get the cost-per-ton-to-orbit costs low enough to allow for projects that will provide great benefits to all of humanity, and likely lead to improvements to our environment as it becomes possible to perform manufacturing operations in space. There are also national security implications to SpaceX's drive to get Starship operational, with the ability of the United States military to utilize space assets becoming more dependent on SpaceX with each passing year. Adding additional delays to SpaceX is not in the best interest of those who will benefit from SpaceX's advancements.

From: [REDACTED]
Sent: Friday, September 24, 2021 3:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The country that dominates space will dominate this century. Give SpaceX the beach and back off !!! This stinks of corruption, control freaks and idiocy. Humanity is going to race into the solar system and we want America setting the rules of space not the CCP or Russia it is that simple. America will become a backwater if it doesn't win this new space race. The FAA needs to get out of the way and give SpaceX the beach. This is the most important matter for America this century. Kind Regards

From: [REDACTED]
Sent: Friday, September 24, 2021 4:59 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support SpaceX's proposed rocket testing, launching, and recovery plans. Although not without some risk and minor inconvenience, the program will greatly advance US technology in space and associated fields. This advance is critical to maintaining US leadership in these area. Donald Medwedeff Danville, California

From: [REDACTED]
Sent: Friday, September 24, 2021 4:38 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please approve the boca Chica site for launches of the starship system. This system will be a major boon for both the country and humanity at large. While there may be some environmental concerns, these can be mitigated and the benefits of very cheap access to space of huge payloads far exceeds the potential downside. Please approve this project.

From: [REDACTED]
Sent: Friday, September 24, 2021 6:31 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

What is going on at Boca Chica (Starbase) is widely underappreciated. With the development of a fully reusable 2-stage rocket that will be the most powerful in the world (exceeding even the Saturn), the US stands on the edge of gaining an unassailable position in space launch technology. This position will create thousands of good paying jobs for decades to come. Even more important, we will be able to do things from space that were not economically feasible until now. The fact that some birds might have to find new homes and some treatment of carbon monoxide might be needed pales in comparison. Thank you for the opportunity to comment. Arthur Smith [REDACTED]

From: [REDACTED]
Sent: Friday, September 24, 2021 6:33 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe that the SpaceX Boca Chica facility is very important for the future of our country and should be allowed to progress. I believe SpaceX is doing everything reasonably possible to mitigate long term environmental impact to Boca Chica and the surrounding area. The benefits of Starbase far out way the risks.

From: [REDACTED]
Sent: Friday, September 24, 2021 7:05 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Regarding SpaceX development and space flight activity about Boca Chica, TX, I, as a property owner in that immediate are [REDACTED], belongs to me), cannot overstate my complete enthusiasm, support, and excitement for continuation and expansion of SpaceX activities about Boca Chica. I love Boca Chica beach but fully grasp that expanded SpaceX flight activity at Boca Chica may require PERMANENT closure of the beach. This is a completely acceptable consequence in the context of re-ignition of human-kind's expansion into the near-Sol environment. Sacrifice of individual benefit for the good of the many seems to be unknown to the average American, but it is not unknown to me. And I will gladly give my little property to SpaceX if they need it. So, forge ahead and approve SpaceX plans for Boca Chica in the interest of your children's children.

From: [REDACTED]
Sent: Friday, September 24, 2021 4:46 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please support the SpaceX program. It is of national interest and security. SpaceX and the community should take every effort to take care of local environment but to put brakes or stop development in this technology will be catastrophic to our nations interests. We all have to make sacrifices for the betterment of all. Sincerely,
Laurent of Vermont

From: [REDACTED]
Sent: Friday, September 24, 2021 5:52 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

It is vital to US security and the future of humanity that we expand American presence in space as rapidly as possible. The window to accomplish an effective presence in space is closing rapidly as other countries with policies hostile to the United States are moving rapidly forward. In short... Any delay in SpaceX Starship testing is a direct threat to the Security of the United States and all obstacles to testing should be removed immediately.
Dr. Joseph Parker Space Systems Analyst Advanced Research Concepts LLC

From: [REDACTED]
Sent: Friday, September 24, 2021 6:02 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, Please expedite the review and approval of SpaceX's PEA for the launch facility at Boca Chica, TX. Of all the projects being pursued on our planet, this project warrants the most attention and support for its success. While I'm sure there will be some environmental impact, when one considers the number of other projects that have received less scrutiny and oversight (think Deepwater Horizon), any impact is FAR outweighed by the potential benefits this program can bring to humanity and the planet as a whole. Thank you. Wayne Grebe [REDACTED]
[REDACTED]

From: [REDACTED]
Sent: Friday, September 24, 2021 6:40 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let's get the lead out FAA. This Process is delaying the future of manned spaceflight and the return of the USA to the moon. Taking more than a year to permit test flights is why the average citizen can't stand government bureaucracy. There is a time and a place and this isn't it. The only location with less environmental impact would be the middle of a desert and then they would not have nearby water to ditch in. Check the boxes and move on.

From: [REDACTED]
Sent: Friday, September 24, 2021 6:46 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please do all you can to support SpaceX in giving humanity a life raft in the solar system. I believe the work going on in Texas is as consequential as the ITER project in France. Thanks for the work you do, American air safety is a remarkable achievement. Kenny G

From: [REDACTED]
Sent: Friday, September 24, 2021 6:49 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, Space X should be allowed to continue progressing with the Starship Program. I believe SpaceX is doing great things in Boca Chica the likes that we have not seen since the days of Saturn V and the moon landings. The Starship Program has the potential to change the space industry and make space much more accessible to all. In my opinion, Space X is doing everything within reason to mitigate environmental impact to Boca Chica and the surrounding area. Thank you for your time.

From: Kelly Wilcox <[REDACTED]>
Sent: Friday, September 24, 2021 8:07 PM
To: SpaceXBocaChica
Subject: Full support for SpaceX Starship/Super Heavy Program

Categories: Purple Category

Full support for SpaceX Starship/Super Heavy Program

To whom it may concern,

This is my comment to voice my full support for the SpaceX Starship/Super Heavy Program.

Please approve this process and allow rapid innovation to progress.

Thank you

Kelly Wilcox

From: Capt. Randall Fleming <[REDACTED]>
Sent: Friday, September 24, 2021 6:51 AM
To: SpaceXBocaChica
Subject: I support Space X Launch Facility in Texas

Categories: Purple Category

I support Space X Orbital Launch Facility in Texas

Please work with Space X to allow Orbital Launches and continue new launch abilities without delay.

Please approve all space launch infrastructure in process and proposed in future.

Please approve Space X the ability to expand its facilities and property.

Please expedite this approval process.

Sincerely,
Capt. Randall Fleming

[REDACTED]

From: Kent Brown <[REDACTED]>
Sent: Friday, September 24, 2021 5:49 AM
To: SpaceXBocaChica
Subject: I want Star Ship to be able to fly

Categories: Purple Category

Let Star Ship fly as much as it can without the FAA slowing it down Thanks Kent Brown

Sent from my iPhone

From: Helar Richard Ekšteins <[REDACTED]>
Sent: Friday, September 24, 2021 6:37 AM
To: SpaceXBocaChica
Subject: Let starship fly

Categories: Purple Category

Please let spacex starship fly as soon as possible, so they can get the necessary data, to improve starship. When we have operational starship, new generation of space flight and earth to earth transportation will start. It also inspires so many people all around Earth.

There are many reasons why we need operational starship as soon as possible.

Thanks!

From: phillip Mcleod <[REDACTED]>
Sent: Saturday, September 18, 2021 1:49 AM
To: SpaceXBocaChica
Subject: Let's go to space!

Categories: Purple Category

I hope the government can help support your endeavor! A great American company!

From: Gary Hayes <[REDACTED]>
Sent: Friday, September 24, 2021 4:08 AM
To: SpaceXBocaChica
Subject: My support for starship launches

Categories: Purple Category

I support as many launches that SpaceX deems necessary for the starship super heavy program to advance asap. The impact to the environment and wildlife while important is outweighed by potential gains to humanity in my opinion.

Expanding to a Moon base and Mars is a step mankind needs to complete sooner rather than later.

Sincerely,

Gary Hayes
[REDACTED]

Sent from [Mail](#) for Windows

From: Shameer Pillarisetti <[REDACTED]>
Sent: Saturday, September 18, 2021 4:10 AM
To: SpaceXBocaChica
Subject: My Voice

Categories: Purple Category

Dear SpaceX Team,

I would like to add my voice as one of the members of the public support. I believe that the technology which you all are developing is so important to bring a space revolution. I hope this technology moves further and upgrades to photonic propulsion energy, drive the starship into orbit. Difficult to bring Photonics propulsion as of now, in the future if it is implemented it will be more help full and nature-friendly starship complete. Due to the above reason I wanted to add my voice as public support to SpaceX Team.

Best Regards,
Shameer,
Doctoral Degree Student,

[REDACTED]

From: Michael Thomas <[REDACTED]>
Sent: Friday, September 17, 2021 6:46 PM
To: SpaceXBocaChica
Subject: one public opinion

Categories: Purple Category

let them get this done. Please do not hold up SpaceX over a turtle, bug, frog, or mosquito. That is silly and downright un-American. We have enough of that silly stuff happening in the West here where I live. I believe in SpaceX and I believe our government should believe in them also. SpaceX has already proven it can do what the government can not do. Specifically, allowing an American firm to aggressively compete in space. SpaceX is our best bet to make it to the moon and beyond.

From: Robin Fewster <[REDACTED]>
Sent: Friday, September 24, 2021 3:46 AM
To: SpaceXBocaChica
Subject: P.E.A. for Staship operations.

Categories: Purple Category

Dear F.A.A. team,

Thanks for providing this opportunity to get involved with the Draft Programmatic Environmental Assessment Public Review and Comment for Starship . As a member of the international community I'd like to speak for many of us non-U.S. citizens in saying that we have been following the progress of Starship and the Superheavy booster with interest and are hoping to see more of this fascinating and potentially game-changing vehicle in the future.

I think most of us hope you'll be able to approve the P.E.A., and that the benefits will outweigh any environmental cost.

--

Regards,

Robin Fewster
Instructor of English
Freelance Writer and Artist
Dive Instructor
Conservation diving volunteer

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From: Jonathan Stephenson <[REDACTED]>
Sent: Friday, September 24, 2021 11:52 AM
To: SpaceXBocaChica
Subject: PEA Draft

Categories: Purple Category

Please do not hold up the first steps we need to make to improve our Humanity and make this world become one

From: Kevin G Miller <[REDACTED]>
Sent: Saturday, September 18, 2021 8:52 AM
To: SpaceXBocaChica
Subject: Please approve SpaceX launch activities

Categories: Purple Category

To whom it may concern,

I want to express my appreciation and support for the work being done by SpaceX in Boca Chica, TX. Though not a resident of Texas, I have been greatly inspired by their work.

I was inspired by SpaceX to return to school to earn my bachelor's degree in electrical engineering. Watching the progress in Texas keeps me motivated to do my best.

The work being done in Boca Chica - more than anywhere else - is paving the way for a new economy in space and beyond, with the United States well positioned at the forefront. This is only possible due to the support given to SpaceX by the FAA and other federal agencies like NASA and the DoD.

For these reasons, I urge you to approve the operational launch activities for Starship/Superheavy in Boca Chica, TX.

Thank you for your time and consideration,
Kevin Miller

From: Yonah Karp <[REDACTED]>
Sent: Saturday, September 18, 2021 6:01 PM
To: SpaceXBocaChica
Subject: Please approve SpaceX Starship

Categories: Purple Category

I have been following developments of Starship/SuperHeavy for over a year. My entire family finds it inspirational to follow its progress. I believe this should be approved. Here are some strategic national interests this serves as well:

1. Assured access to space.
2. Strategic interests on the Moon and Mars.
3. Protect against China doing on the moon what they are doing in the South China Sea, should they establish a moon base first.

In summary, please approve this EA expeditiously.

Sincerely,

Yonah

From: Ed Kaine <[REDACTED]>
Sent: Friday, September 24, 2021 9:57 AM
To: SpaceXBocaChica
Subject: Please approve the FAA SpaceX Boca Chica FONSI

Categories: Purple Category

This draft seems designed to slow the return to the moon but please approve it as a FONSI.

A Finding of No Significant Impact(FONSI) presents the reasons why an action will not have a significant effect on the human environment. ... A FONSI is issued when environmental analysis and interagency review during the EA process find a project to have no significant impacts on the quality of the environment

The beach at Boca Chica is full of garbage from the beach-goers. It's nice, it's remote, but the people who go there leave tons of trash all over the place.

Please approve this and plan on keeping the file open to approve more once the approach is proven. It is wise to act with prudence. Maybe set out testing devices out some distance from the launch.

SpaceX is acting responsibly. The impact should actually be small. And, take a few pictures of the beach and wetlands around the area to determine if the current threat to species and habitats by the beach goers reflects their environmental concerns.

This is incredibly important. We should be supporting innovation in the USA.

Thanks,
Ed Kaine
Connecticut, USA

From: 东武里好! <[REDACTED]>
Sent: Friday, September 17, 2021 9:44 PM
To: SpaceXBocaChica
Subject: please
Categories: Purple Category

Humanity's future on the moon, Mars & beyond depends upon it. So Please let the starship fly,thanks

From: TIM WELKER <[REDACTED]>
Sent: Friday, September 24, 2021 8:56 PM
To: SpaceXBocaChica
Subject: Public comment for the FAA draft programmatic environmental assessment

Categories: Purple Category

I'll keep it short and sweet I support SpaceX and everything they're doing. Thank you SpaceX for your hard work.

Sincerely
Tim Welker

From: Panze Rotti <[REDACTED]>
Sent: Friday, September 24, 2021 11:17 AM
To: SpaceXBocaChica
Subject: Public comment Lorenzo Avataneo Piemonte Italia

Categories: Purple Category

Dear FAA,
Over all tech development, Starship project will lead to a brighter future.
And the amount of benefits will overcome the probable environmental impact.

Thanks for giving us a voice,
Lorenzo Avataneo

From: [REDACTED]
Sent: Friday, September 24, 2021 10:20 AM
To: SpaceXBocaChica
Subject: Public Comments

Categories: Purple Category

Greetings,

I'd like to raise my voice in support of the work SpaceX is doing in Boca Chica, Tx.. SpaceX has been one of the cleanest (environmentally) rocket companies to date in the US. Their plans are ambitious and we cannot do anything without some impact on our surroundings, yet SpaceX has been proactive in minimizing their impact on the environment and as careful as one could ask, considering the nature of their work.

I would like to recommend that they be permitted to continue their work. The nation, ne the world, needs to advance to space in order to solve our problems here on earth. There is a proper place for environmental concerns and SpaceX has always taken that into consideration.

Yours,
Jim Myers
Baton Rouge, La.

From: ronykj <[REDACTED]>
Sent: Friday, September 24, 2021 8:13 AM
To: SpaceXBocaChica
Subject: Re: Public comment on SpaceX activities at Boca Chica

Categories: Purple Category

To whoever it may concern

I am of the opinion that the activities that SpaceX is conducting at Boca Chica are of vital interest to the whole of humanity and should therefore be fully supported by the public and government. Every human economic activity has a carbon footprint and environmental consequences. It is necessary to weigh these activities carefully to evaluate the risk to reward and take measures to offset any negative environmental effects. SpaceX's activities are far less damaging than that caused by oil rigs in the Gulf of Mexico and the environmental damage caused by NASA at Cape Canaveral for decades. For that matter every commercial airline flight causes a lot of environmental damage. I urge the FAA to stop trying to block the progress being made by SpaceX in their effort to save humanity by creating a human settlement on Mars.

Rony Joseph

From: Banik, Shuvra <[REDACTED]>
Sent: Sunday, September 19, 2021 12:53 PM
To: SpaceXBocaChica
Subject: Regarding SpaceX's Starship/Super Heavy program at Boca Chica

Categories: Purple Category

Dear FAA,

Thank you for publishing the draft on SpaceX's Starship/Super Heavy program at Boca Chica. I appreciate FAA's role in ensuring the safety of civil aviation. I as an US permanent resident believe that the US needs to be on the top of every other nation when it comes to space exploration, and we need to be a multi-planetary civilization to ensure that the humanity does not become extinct in any unexpected catastrophic event across the globe in the future. SpaceX under the leadership of Elon Musk is trying to achieve this noble goal, and I hope FAA to cooperate in this grand endeavor of the mankind while ensuring public safety and wellbeing.

Thank you,
Shuvra Banik

From: S. Todor <[REDACTED]>
Sent: Friday, September 24, 2021 8:13 AM
To: SpaceXBocaChica
Subject: Regarding the SpaceX Boca Chica launch site draft environmental assessment

Categories: Purple Category

Dear FAA,

It is vital to US security and the future of humanity that we expand American presence in space as rapidly as possible. The window to accomplish an effective presence in space is closing rapidly as other countries with policies hostile to the United States are moving rapidly forward.

Any delay in SpaceX Starship testing is a direct threat to the Security of the United States and all obstacles to testing should be removed immediately.

It is therefore of great interest to the United States not to hinder the progress of SpaceX's development of the Starship and Super Heavy launch vehicles. They are vital not only for the US, but also for the future of humanity in space.

Sincerely yours,
Dr. Sebastian Todor

From: Davis Eckert <[REDACTED]>
Sent: Friday, September 24, 2021 6:36 PM
To: SpaceXBocaChica
Subject: Response to FAA Draft on Starship

Categories: Purple Category

Hello my name is Davis Lane Joseph Eckert, I am a U. S. citizen living at [REDACTED] TX [REDACTED].

I wanted to add my response to the FAA Draft Environmental Review of SpaceX Starship/Super Heavy Program.

My main concerns of the program are air pollution in the area during launches and noise during launches. It has already been said that "members of the public would not be exposed to CO concentrations that would exceed the NAAQS" - on page 44 of the draft.

As long as dust and other particles don't exceed NAAQS safety levels as a direct result of StarShip operations then I don't see any reason to limit launches on this metric. If overall CO output is a concern I believe it would be only fair to give the StarShip program the opportunity to reduce or even subtract their global Green House Gas emissions in other ways such as the Climeworks Atmospheric Carbon Air Cleaner in Zurich. If you give the StarShip program the opportunity to use this or other innovative ways to reduce or even have a negative Green House Gas global impact I can only see the American public and the World as a whole benefiting.

As far as noise is concerned as I have not read it to be a major threat of disruption for the people in the area given the data in the draft. However it would still be prudent to give the locals an accessible and easy way to make a noise complaint if they feel the need to do so. I believe 5 launches to be a bit of an arbitrary number in the draft and find having the opportunity to have an orbital Starship/Super Heavy Launch once a month easily sufficient enough time for the locals not to feel like it is a regular annoyance. Thus I believe once a month a safe enough starting point that can be adjusted depending on the responses from the accessible complaint mechanism for local residents.

Overall I think the draft was well written, but if I could make any changes it would be increasingly the launches to once a month and being sure to leave an easy and open way for locals to complain provided they verify they live in the affected areas.

Thanks,
Davis from Texas

From: Jacob <[REDACTED]>
Sent: Thursday, September 23, 2021 9:37 PM
To: SpaceXBocaChica
Subject: September 2021 Draft PEA - Comments

Categories: Purple Category

Hello,

Having read through the Draft PEA my only additional concerns relate to the Biological Assessment.

I would like that the:

- 1) Remediation be validated as effective by a 3rd party expert (e.g. US government agency or contracted 3rd party)
- 2) "Qualified Biologist" be further specified to be an independent 3rd party with additional definition placed on "qualified"
- 3) Operation Measures #2 (speed limits) include an auditable or trackable measure for SpaceX and contractors (e.g. GPS or AI camera monitored speed).
- 4) Critical habitat concerns are adequately addressed.

Please feel free to contact me for any follow up.

Thank you,
Jacob Morella, PE

From: Dale Rogers <[REDACTED]>
Sent: Friday, September 24, 2021 8:20 PM
To: SpaceXBocaChica
Subject: Space X Launch Approval

Categories: Purple Category

Ms. Stacey Zee, SpaceX PEA,

Please approve all SpaceX launches from from its facility in Boca Chica, Texas. SpaceX is a national treasure and is leading the USA and the rest of the world into our future of space exploration.

Thank you,

Dale Rogers
[REDACTED]

From: Sir Perry <[REDACTED]>
Sent: Friday, September 24, 2021 7:44 AM
To: SpaceXBocaChica
Subject: SpaceX

Categories: Purple Category

I am writing today to express my support and approval for the planned SpaceX/SuperHeavy launches. These launches will help drive down the cost of spaceflight and help open up the solar system for expansion, exploitation, and settlement. We need to support SpaceX in every way to make this happen. It is what is best for Texas and it is what's best for America. Thank you.

From: Peter Nguyen <[REDACTED]>
Sent: Friday, September 24, 2021 8:02 AM
To: SpaceXBocaChica
Subject: SpaceX

Categories: Purple Category

Hi,
Space exploration is important to me. I support the path that SpaceX and other great companies are doing. Please allow SpaceX to continue testing and collect data so that it will be safe for future explorations.

Thank you,
Peter Nguyen

From: Mr Hilton <[REDACTED]>
Sent: Sunday, September 19, 2021 2:37 PM
To: SpaceXBocaChica
Subject: SpaceX

Categories: Purple Category

Hi, thanks for the opportunity to show support for SpaceX in BocaChica. The ultimate goal of SpaceX is to make the human race a multi-planetary species to ensure its continued survival against the threat of potentially life ending cataclysms in the future. I fully support SpaceX and their missions and believe they are working toward improving space science to the benefit of all of humanity.

Regards,
John Hilton
North Carolina

From: Darryl <[REDACTED]>
Sent: Saturday, September 18, 2021 6:40 AM
To: SpaceXBocaChica
Subject: SpaceX

Categories: Purple Category

To Whom it may Concern,

I have been following Space X almost daily for the past couple of years. I have been following them regularly since the early days of grasshopper. I've been to see a launch. I can't remember the last launch that I missed seeing. They have I believe the best flight record of any current agency/company at the moment.

I think we can safely say they have a proven flight record of under promising and over delivering. They currently have the smartest people on the planet working for them. So I would say we should not second guess them on anything technical in nature.

And speaking of nature, I love the environment and it should be protected at all cost; however, humans need to become multi-planetary.

Boca Chica looked like it was mostly abandoned before Space X arrived.

If we let a few birds get in the way of something this important then we have truly lost our way as a species. This is not just another power plant or chemical company being built here.

SpaceX is literally making and writing the book on changing the world as we know it. How do you stop or slow that down with the normal day to day routine of government bureaucracy. Safety is the up most importance here, but SpaceX seems to be well in front of the curve in this aspect. There technical granularity on engineering and testing is far beyond what most of us can comprehend.

To be honest, Space X scares the crap out of me! Why, because I know they will succeed and now we have to go to Mars. I don't want to personally go to Mars yet, but I know we have to for the obvious previously stated reasons by Elon. My only fear is that we end up with another Spruce Goose or something like that, where the creative force behind it is gone. Then the dream dies or fades away. So I implore you to not let history repeat itself and to give not a blank check but a show of good faith to a company that is trying to benefit all humanity at this moment in time. Which, I might add, might not come again. So lets not look this gift horse in the mouth as the old saying goes.

Thanks for your time.

Go SpaceX

Go StarShip

Go StarBase

Darryl Diggs

From: Thomas Plasberg <[REDACTED]>
Sent: Friday, September 24, 2021 7:48 AM
To: SpaceXBocaChica
Subject: SpaceX @BocaChica

Categories: Purple Category

Hi folks,

Please let SpaceX continue the great progress on Starship @BocaChica.

Otherwise, the humanity will lose a lot of momentum to bring humans to mars, because everything has to be moved to a different place.

I can see no evidence, that anyone got hurt or even worse about any fatalities that are linked to any test flight yet.

So, please do not over-regulate everything as we already do so here in Germany... please...

live long and prosper
Thomas

Mit freundlichen Grüßen | [REDACTED]

[REDACTED]

From: Mike <[REDACTED]>
Sent: Saturday, September 18, 2021 11:50 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Environmental Assessment

Categories: Purple Category

I believe that SpaceX will be good stewards of the local environment. This EA should be approved so that SpaceX can continue their critical work in bringing down the cost of launching massive payloads to LEO and beyond.

Mike Downs

From: S B <[REDACTED]>
Sent: Friday, September 17, 2021 9:53 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica

Categories: Purple Category

I recognize the need to balance environmental protection with human industrial activity, and support any and all mitigation requirements that will best provide this protection.

At the same time I also support the genuine progress of humanity. Given that this project is one of the best examples of such an endeavor, I feel it is also reasonable to balance that much needed progress against those same environmental impacts that will be limited in a global sense to a very small geographic area.

I urge a focus on and acceptance of the bigger picture in this instance. It is a small price to pay for what could ultimately provide revolutionary opportunities for the human race and the Earth we all call home.

Thank you for your time.

From: Piotr Stepień <[REDACTED]>
Sent: Friday, September 24, 2021 10:08 AM
To: SpaceXBocaChica
Subject: SpaceX is good, let them fly

Categories: Purple Category

Humanity needs SpaceX. Let them fly.

From: Thomas Shefflette <[REDACTED]>
Sent: Friday, September 24, 2021 10:53 AM
To: SpaceXBocaChica
Subject: SpaceX launch license

Categories: Purple Category

To Whom It May Concern,

As a commercial pilot and someone that has been following space flight since the 1960's, I feel that the FAA is currently and intentionally dragging their feet with respect to the Starship program and the Boca Chica launch and test facility.

It is time for the FAA to issue SpaceX the launch license that has been requested. Other companies have been issued licenses but it always seems that there is a delay when it comes to SpaceX. Both the Kennedy Space Center and Vandenberg AFB have similar environmental and wildlife concerns but they continue to operate without delays.

I respectfully request that the FAA immediately issue as a minimum, a limited launch license to allow for continued testing of a spacecraft that is needed for the United States to have a reliable and reusable launch system.

Thank you,
Thomas Shefflette
El Paso, Tx
[REDACTED]

From: [REDACTED]
Sent: Friday, September 24, 2021 6:17 AM
To: SpaceXBocaChica
Subject: SpaceX Launch

Categories: Purple Category

Dear FAA,

Please allow SpaceX to pursue their goals without hinderance to their program. They are fighting for the future of humanity. We look weak to all the other countries right now.

Thanks!

Andrew H.

From: David Barnes <[REDACTED]>
Sent: Friday, September 24, 2021 2:02 PM
To: SpaceXBocaChica
Subject: SpaceX PEA comment

Categories: Purple Category

To say as a pilot I have an understanding of the FAA charter, it must be said that we also must look forward to our future, the future of all of us.

I know that the FAA has many different pressure put upon you when it comes to the subject of SpaceX, I would hope that you keep in mind the greater good and not the short term gains of others.

It would be a great shame to have you give into these short sighter groups.

Please approve the current request of SpaceX plans and the future requests without hast.

Regards,

Mr. David L. Barnes Jr.

[REDACTED]

[REDACTED]

[REDACTED]

From: mfabrick <[REDACTED]>
Sent: Friday, September 24, 2021 11:52 AM
To: SpaceXBocaChica
Cc: Martin FABRICK
Subject: SpaceX PEA Comments

Categories: Purple Category

I, Martin N. Fabrick, submit the following comments regarding the:

Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Education/Experience

Master of Science in Ecology, University of California at Davis

Preparer of Environmental Assessments for Construction and Operation of Space Shuttle Ground Support Facilities at Kennedy Space Center, Florida including modifications of Saturn/Apollo Program Facilities and new Shuttle Landing Runway.

Preparer of portions of the Programmatic Environment Assessment of the NASA Space Shuttle Program at Kennedy Space Center

Primary preparer of the Environmental Assessment for the Overland Transport of the Space Shuttle Orbiter from Palmdale to Edwards Air Force Base

Preparer of Environmental Assessments for proposed Construction and Operation of Space Shuttle Ground Support Facilities at Vandenberg Air Force Base, California

Program Director for the Transport of the Space Shuttle Orbiter Endeavour to the California Science Center, Los Angeles California

1) The PEA concerns the development of construction and operation of a program of significant national interest re: development of a new, world leading, class of reusable orbital and deep space rocket launch and recovery system. It is in the national interest to support the rapid development of the SpaceX Starship/Super Heavy Launch Vehicle.

2) The NASA has selected the SpaceX Human Lunar Lander system to support the U.S. return to human landings on the moon in the near term. The SpaceX HLS is exclusively dependent on the timely development to the SpaceX Starship/Super Heavy Launch Vehicle.

3) If SpaceX is successful in its development and operation of the SpaceX Starship/Super Heavy Launch Vehicle the Boca Chica Launch Site will undoubtedly be nominated as a Historic Site for future generations to see. It will be no less valuable than the NASA Kennedy Space Center that was home to all of the U.S. human orbital missions and the first, and so far only, human lunar landings and exploration.

4) The PEA identified only no or minor environment impact associated with the planned action.

5) Environmental impacts identified in the PEA can be reasonably mitigated or, if necessary, additional mitigation actions specified by the FAA.

5) The FAA should approve the proposed action with a finding of No Significant Impact or No Significant Impact with Mitigation Measures

Submitted by:
Martin N. Fabrick



From: Steve Potts <[REDACTED]>
Sent: Friday, September 24, 2021 5:27 AM
To: SpaceXBocaChica
Subject: SpaceX Starship

Categories: Purple Category

Dear FAA,

I fully support, along with my family, the launch of SpaceX Starship. The environmental impact isn't and should not be a priority in this endeavor. The risk vs. reward goes without saying. A few birds, noise, etc., or the major positive impact this launch can have on all of humankind worldwide. Stop the bureaucracy and red tape that has made the FAA what it is today. You are holding up our future and people are starting to understand the importance of SpaceX and Elon as well as how the FAA is holding up progress.

Regards,
Steve Potts

Sent from [Mail](#) for Windows

From: Matt Jung Photography <[REDACTED]>
Sent: Friday, September 17, 2021 10:51 PM
To: SpaceXBocaChica
Subject: SpaceX Starship public comments

Categories: Purple Category

Hello,

My name is Matt Jung, and I fully support spacex's missions of making life multiplanetary. I'm confident that spacex can sustainably and responsibly perform launch operations from Boca Chica (starbase) Texas. They have my support!

Thanks,
Matt Jung

From: Greg Meier <[REDACTED]>
Sent: Friday, September 24, 2021 3:23 AM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Categories: Purple Category

1. Public Safety Issues:

SpaceX has taken reasonable steps to minimum public safety risks. It is understood that space flight always has risks, however, these risks are necessary in order to insure the future of humanity. Further delay of the SpaceX Super Heavy Project at Boca Chica must be eliminated or else the costs being arbitrarily imposed on SpaceX will undermine and potentially cause the project to fail. This is unacceptable.

2. National Security or Foreign Policy Concerns:

There should be no reasonable national security or foreign policy concerns. Any such objections are merely driven by self serving agendas that do not have humanity's best interest in mind.

3) Insurance Requirements for the Launch Operator:

Considering the importance of this project to the United States of America and to mankind as a whole, the United States of America should minimize SpaceX's insurance burden or cost and provide sufficient "umbrella" insurance coverage for the project.

4) Potential Environmental Impact:

The environmental impact of this project is minimal and acceptable. Further delays will not be acceptable.

Gregory M. Meier

[REDACTED]

[REDACTED] Voice

From: Sir Perry <[REDACTED]>
Sent: Friday, September 24, 2021 7:34 AM
To: SpaceXBocaChica
Subject: SpaceX

Categories: Purple Category

I am writing today to express my approval of SpaceX and their plan to pursue manned space flight at Boca Chica Texas. This is an important opportunity for America to reclaim our rightful place as leaders, visionaries and pioneers in the 21st century. The future of the human race is in space and America needs to lead the expansion or we will be left behind. Untold fortunes await us and it is up to us to claim it. We must push boldly onward and upward, we must make manned spaceflight cheaper, easier, faster and safer; I believe SpaceX has the vision and ability to make this happen. I think that it is critical that we not only allow this, but that we encourage and support this. Please approve SpaceX, please support our future in space.

From: WHDACV - <[REDACTED]>
Sent: Saturday, September 18, 2021 3:51 AM
To: SpaceXBocaChica
Subject: SpaceX, Superheavy.

Categories: Purple Category

Hi,
I believe a little more leeway should be given to SpaceX and superheavy.
Not only is it an American company creating many jobs and services but they are advancing the human race and America faster than most companies are.
We as a race will move out to space eventually.
Why not here. Why not now.
Why stop forward momentum for less than what we've already done.

Thank you
Dave Clark

So say we all

From: Valerie Loew <[REDACTED]>
Sent: Friday, September 24, 2021 2:42 PM
To: SpaceXBocaChica
Subject: SpaceX/Scope and content of the Draft PEA/Public Comments

Categories: Purple Category

Greetings,

Congratulations to SpaceX on all of their accomplishments and here's to the future.

Regarding September 2021 Draft PEA/Appendix D. Endangered Species Act Section 7: Would it make sense to provide wildlife corridors to protect ocelots and jaguarundis that may be subject to vehicular accidents? The text supports "educating to prevent potential collisions," but I'm not sure how that can actually stop collisions.

Wildlife corridors have demonstrated that they protect wildlife and people by keeping the two separated. There is a lot of area for SpaceX to consider for these corridors, and with the assistance of an appropriate wildlife biologist, a compromise may be reached that will protect animals and people. Makes sense not to kill species here on earth while we attempt to reach for the stars.

Thank you for the opportunity to provide comments.

GO SPACEX!

Kindest regards,

Valerie Loew

From: Dylan Green <[REDACTED]>
Sent: Friday, September 17, 2021 6:56 PM
To: SpaceXBocaChica
Subject: SpaceX's Boca Chica Launch Site

Categories: Purple Category

Dear ICF/FAA,

I am a university student majoring in Software Engineering, with a focus on consumer electronics as well as microcontrollers. After reading the major points of the environmental review, I do firmly believe that the conditions placed on SpaceX are adequate given the vast benefits for humanity, for the security of USA, and for the planet that would inevitably result from easier access to space. Having a second human-rated spaceport is not only beneficial, I'd argue it's necessary, for all of the above reasons.

With that said, my only suggestion for improvement is to treat the Boca Chica spaceport with the same level of regulation as you would Kennedy and Cape Canaveral.

I appreciate the thorough and fair review.

Sincerely,
Dylan Green

From: Mercurian Brachistochrone Trajectories .Ltd. <[REDACTED]>
Sent: Sunday, September 19, 2021 3:54 AM
To: SpaceXBocaChica
Subject: starship

Categories: Purple Category

I fully support SpaceX, and i hope that you will grant them the permission to launch from Boca Chica.

From: Sonny Hart <[REDACTED]>
Sent: Saturday, September 18, 2021 4:14 AM
To: SpaceXBocaChica
Subject: Starship

Categories: Purple Category

Hi there,

As a resident of the United Kingdom who has followed the progress of SpaceX since the early Falcon rockets, I would like to express my utmost support for the Starship Project.

It is my belief that a fully reusable rocket system on the scale of Starship, with the various models set to become available for different types of missions, will redefine space flight as we know it and open up the possibility of space flight to the public.

Furthermore, it marks a revolutionary step on our path to becoming a multiplanetary species, as the project is set to take us to the Moon, Mars and beyond, at genuinely affordable prices

It is my belief that the FAA should provide the best support available to SpaceX in order to help accommodate the progress they are making. They have transformed the entire sector with the Falcon rockets, and continue to do so with Starship

Sonny Hart, 18
London, United Kingdom

From: Trevor Lancaster <[REDACTED]>
Sent: Wednesday, September 22, 2021 5:56 PM
To: SpaceXBocaChica
Subject: Starship

Categories: Purple Category

Please give SpaceX as much leeway as possible for their Starship programme.
It is clearly for the benefit of the entire human race and time is of the essence.

Regards,
Trevor Lancaster
[REDACTED]

From: Pat Jodouin <[REDACTED]>
Sent: Sunday, September 19, 2021 6:27 AM
To: SpaceXBocaChica
Subject: Starship Program

Categories: Purple Category

Hi

I am currently living in Canada, and just wanted to voice my support for the SpaceX initiative to go to Mars.

So long as proper safeguards are in place, both safety and environmental, this is something that should be done for the longevity of humanity.

So many positives to be realised from this program, there would be a negative global impact on many fronts if this was to be prevented from succeeding.

thank you for the opportunity to comment

From: K L <[REDACTED]>
Sent: Thursday, September 23, 2021 9:42 PM
To: SpaceXBocaChica
Subject: Starship

Categories: Purple Category

Hello,

Space X's advancement of rocket technology is extremely important. Slowing their progress would be a detriment to not only the United States but also the human race. One of Elon's main goals is the survival of our species. This project brings us closer to a sustainable and exciting future!

Best,

Kyle

From: Hussameldin Mutwakil <[REDACTED]>
Sent: Sunday, September 19, 2021 2:42 AM
To: SpaceXBocaChica
Subject: Starship/Super Heavy project in Boca Chica

Categories: Purple Category

Hello,

I'm from Sudan and I live in the Sultanate of Oman, and I believe the program of StarX to send humans to the Moon and Mars is inspirational for all humanity.

Maybe one day the advancement of this technology will help the world and save the environment, and maybe solve the desertification issue in North Africa.

Godspeed,

-- Hussameldin



Virus-free. www.avast.com

From: Devin Triantos <[REDACTED]>
Sent: Friday, September 24, 2021 11:38 AM
To: SpaceXBocaChica
Subject: Stop Stifling Innovation

Categories: Purple Category

Hello,

It is with pleasure that I write to urge you to encourage and stop stifling the progress of the most innovative and forward thinking company in the US, SpaceX. This private company is the only way American Astronauts are getting to the ISS and may be literally the one hope for humanity to get to the moon and mars. I urge you to look further into the future and to choose to be on the correct side of history. The side of life and change, not backward thinking and regressive rule followers and obstructionists.

Thank you for reading,
Devin Triantos

From: Josh Wright <[REDACTED]>
Sent: Friday, September 17, 2021 7:18 PM
To: SpaceXBocaChica
Subject: Support for Launch Facility

Categories: Purple Category

As a father of two I can't wait to be able to drive a bit and come watch with my children the next milestone in human space flight history right here in Texas. SpaceX is inspiring millions and with careful oversight and commitments to responsible environmental stewardship I know approval of orbital launch activities in south Texas will be a good move for America and planet earth.

Josh Wright, PE

Discipline Lead | Associate

[REDACTED]
[REDACTED] C [REDACTED]

From: Derek Scontrino <[REDACTED]>
Sent: Saturday, September 18, 2021 9:46 AM
To: SpaceXBocaChica
Subject: Support for SpaceX Boca Chica Proposal

Categories: Purple Category

Attn FAA,

I have been following developments of Starship/SuperHeavy for over a year. My entire family finds it inspirational to follow its progress. I believe this should be approved.

Here are some strategic national interests this serves as well:

Continued and reliable access to space.

Creation and retention of Jobs here in the USA>

Strategic interests on the Moon and Mars.

In summary, please approve this EA as soon as possible.

Cheers,

Derek

From: [REDACTED]
Sent: Friday, September 17, 2021 6:45 PM
To: SpaceXBocaChica
Subject: Support for SpaceX Boca Chica Starship Program

Categories: Purple Category

To Whom it may concern,

After downloading and reading the **Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas**, I strongly support the SpaceX Starship/Super Heavy launch vehicle program. It provides an immense benefit to humanity with negligible risk to the environment.

I am a 62-year-old lifelong Texas who has and visited and enjoyed the natural beauty of the Brownsville / Boca Chica area my entire adult life. I continue to do so.

Thanks,
Steve Bennett

From: fons <[REDACTED]>
Sent: Friday, September 24, 2021 2:27 AM
To: SpaceXBocaChica
Subject: support for SpaceX operations in Boca Chica

Categories: Purple Category

Dear FAA,

I would like you to know that I fully support the SpaceX Starship operations in Boca Chica.

Regarding the environmental impact, I imagine there are two main concerns: Noise and pollution.

Rockets are loud, but only if you are quite close to the launch site. Please consider also that both the Starship and it's Booster are running on Methane, a rocket fuel with a very low environmental impact.

KSC within an enormous wildlife refuge in the middle of Florida shows that both can coexists well.

I look forward to the day, hopefully soon, when SpaceX is working closely with all relevant government agencies to facilitate regular launches from this site.

wkr Fons Bruls

From: Julian Siano <[REDACTED]>
Sent: Wednesday, September 22, 2021 8:10 PM
To: SpaceXBocaChica
Subject: Support for SpaceX

Categories: Purple Category

Ms Stacey Zee, SpaceX PEA:

I support the SpaceX proposal. The SpaceX proposal can have such a positive impact on this country that it's important to move forward with it. SpaceX has taken reasonable steps to mitigate community concerns.

The community concern about treatment of historical sites is a non-issue because this site will create many future historic sites of international, not local importance. People are already treating Starhopper as a historic vehicle sparing it from being torn down. 10 years from now could starhopper get its proper place in a museum visible by the public at large? What about the future landing spot of the first woman on the moon? That certainly would be an important historical site discussed and taught around the world.

The community concern about wildlife is greatly mitigated by SpaceX's missions. SpaceX is looking to bring life to mars and the moon, greatly expanding the scope of known life in the universe. NASA has an important role to play in earth facing satellites studying climate, weather, geology, and wildlife (<https://www.nasa.gov/content/earth-missions-list>). Those likely future benefits need to be part of the ecological impact evaluation, and I was disappointed to not see any mention of those in this document. This is a bold mission that has a net POSITIVE on wildlife.

On an emotional level, Seeing the progress at the SpaceX site is like we are watching history happen right here.

On a practical level, I will benefit most from starlink. I work from home and high speed, reliable internet is what enables that. I plan to purchase Starlink when it becomes a practical (primary or backup) for my work location, but for it to be practical at my latitude, there needs to be more starlink satellites.

I have no financial interests in SpaceX (Stock or employment). I just care about the future of space enough to read a 21 page executive summary and skim a 152 page report. I look forward to information about joining the virtual meeting on October 4th.

Thanks for your time,

Julian Siano

Baton Rouge, LA

From: John Gildred <[REDACTED]>
Sent: Thursday, September 23, 2021 9:55 PM
To: SpaceXBocaChica
Subject: Support for Starbase

Categories: Purple Category

To Ms. Stacey Zee

I would like to voice my support of the SpaceX Starship orbital program. In light of the findings of the environmental study, I believe that the significance of the program to humanity's further exploration and better understanding of our solar system outweighs the relatively low impact to the local environment at Boca Chica.

Thank you,
John Gildred

From: Raam <[REDACTED]>
Sent: Saturday, September 18, 2021 1:38 AM
To: SpaceXBocaChica
Subject: Support for Starship/Super Heavy operations at Boca Chica

Categories: Purple Category

To whom it may concern,

I am writing to express my great interest in seeing the SpaceX Starship project pursued and enabled at Boca Chica Texas. I believe this program will be excellent for the country and her national interests, as well as for the broader dream of humanity living amongst the stars. Starship represents a great innovation which will bring us forward into a completely new era of spaceflight. Operations at the private launch site Boca Chica maximises SpaceX's ability to innovate rapidly.

When correctly implemented, a spaceport can be an excellent way of keeping people out and allowing nature to thrive and take hold as is seen at Cape Canaveral, Florida. I envisage the operation of Boca Chica as a spaceport will in the long-term prove beneficial to the surrounding environment by limiting human contact. I will leave it to the experts to determine the mitigation factors SpaceX may want to implement, however I would like you to know that the SpaceX Starship/Super Heavy launch project has my full support and I am keen to see it fly one day soon.

Kind regards,
Liam

From: Taka Yasuda <[REDACTED]>
Sent: Friday, September 24, 2021 12:45 AM
To: SpaceXBocaChica
Subject: Support Space X

Categories: Purple Category

Hello,

I would like to express my support for Space X as the company is the future of the United states and humanity. Please continue to support Space X.

Best, Taka Yasuda

From: bill dagas <[REDACTED]>
Sent: Friday, September 17, 2021 5:10 PM
To: SpaceXBocaChica
Subject: support spacex to make humanity a multi planet species

Categories: Purple Category

we need to be among the stars as elon said. that future not only backs up our species in case something bad happens, and lets not forget time wise we are closing in and are due for the next mass extinction event, but also that future is exciting and amazing.
we better do this now that we have a chance

From: Sam <[REDACTED]>
Sent: Friday, September 24, 2021 12:48 PM
To: SpaceXBocaChica
Subject: Support SpaceX! Keep up the good work

Categories: Purple Category

Hello Stacey,

I would like to voice my ongoing and positive support for the SpaceX effort to motivate and move humanity in exploring space again.

This is equally important as the fight against climate change on the long run.

I also love watching all the launches! Magnificent.

All the best from Germany,

Sam

From: Michael Kwett <[REDACTED]>
Sent: Friday, September 24, 2021 9:29 AM
To: SpaceXBocaChica
Subject: Support the Starship program!

Categories: Purple Category

Dear FAA administrators,

I am writing to add my voice of support for approving the Starship program and the launch site in South Texas. I am an environmentalist and am aware of the proximity of the site to wildlife and wetlands, but I feel strongly that approving the site is in the greater good. There are only two geographically optimal sites in the US to launch spaceships, and this is one of them. Starship is being built with plans for offshore launch capability and renewable rocket fuel production, but needs this approval before it can get there. This program is on our critical path toward the future, and if we hinder it, we will come to regret it.

SpaceX's program is an inspiration to many, like me, who are unaffiliated with the space industry but who believe in the importance of space exploration. I did not even follow developments in spaceflight until Falcon and Starship came along. This program is dramatically increasing the public's interest in space and engineering, and we need to send a strong message that we as a society support these efforts and will not hinder them in the name of politics, nor of an overly narrow, shortsighted understanding of environmental impact.

Thank you for letting me add my voice.

Sincerely,

Michael Kwett

From: Karim Cristóbal Hanania Carpo <[REDACTED]>
Sent: Friday, September 24, 2021 11:41 AM
To: SpaceXBocaChica
Subject: Support

Categories: Purple Category

I support spacex in their starship project and consider that the environmental impact is not significant to prevent the development of human space flight.

Thanks.

KHC

From: [REDACTED]
Sent: Friday, September 17, 2021 5:23 PM
To: SpaceXBocaChica
Subject: The importance of Starship and SpaceX

Categories: Purple Category

The Starship program represents the hope and dreams of millions across the globe for a future in which humanity is a multiplanetary species and is not confined solely to Earth.

It is by far and away one of the most advanced and ambitious rocket programs in our history, and it deserves full and unequivocal support.

It currently stands as our best chance of leaving the cradle that is the Earth, and beginning the greatest journey humanity has ever taken.

Please take this email as a huge huge vote of confidence in SpaceX and the Starship program - the company and vehicle providing the promise of a bright future for all of us.



From: Q U <[REDACTED]>
Sent: Friday, September 24, 2021 9:15 AM
To: SpaceXBocaChica

Categories: Purple Category

Dear FAA,

I am writing in support of SpaceX and Starbase in Boca Chica Texas. Please allow SpaceX to continue their work on their Starship program unencumbered by unnecessary political delays. SpaceX is doing extremely important work not only of national interest but to that of humanity as well.

Please allow SpaceX to immediately continue with their Starship program. Thank you.

Regards,

Quang Uong, MD

From: maxwell smith <[REDACTED]>
Sent: Friday, September 17, 2021 5:51 PM
To: SpaceXBocaChica

Categories: Purple Category

I fully support space x's plan in boca chica!
And i would be very disappointed if the federal government put any delays to that plan.

Max smith

From: Orjan Storvoll <[REDACTED]>
Sent: Friday, September 17, 2021 9:18 PM
To: SpaceXBocaChica

Categories: Purple Category

Awesome project. Truly inspiring!
This is one of the few reasons I want to live!

From: Shawn Wylde <[REDACTED]>
Sent: Friday, September 17, 2021 11:25 PM
To: SpaceXBocaChica

Categories: Purple Category

Hi fully support the Space X program in Boca Chica.

I just hope out government doesn't slow their progress down due to politics or bureaucracy

From: Kent Brown <[REDACTED]>
Sent: Friday, September 24, 2021 5:45 AM
To: SpaceXBocaChica

Categories: Purple Category

Let StarShip fly
Thanks
Kent Brown

Sent from my iPhone

From: Eric YVER de la BRUCHOLLERIE <[REDACTED]>
Sent: Saturday, September 18, 2021 1:18 AM
To: SpaceXBocaChica
Subject: Yes for spacex starship launch !

Categories: Purple Category

I hereby express my support to SpaceX's proposal without any reservations.
Eric YVER
France

From: Sean Ledden <[REDACTED]>
Sent: Saturday, September 25, 2021 11:30 AM
To: SpaceXBocaChica
Subject: Assessment for SpaceX Starship

Dear FAA,

I have been following the Common Sense Skeptic Youtube channel's comments on Elon Musk's launch site in Boca Chica for some time. In response to your call for comments regarding the environmental impact of that site, they produced the video linked below.

As detailed in this video, the site has already had a negative impact on its surrounding environment, and all in the name of a flawed project that will not be able to deliver on its promises. I urge the FAA to decide against SpaceX.

[REDACTED]

--

Sean Ledden

Cell: [REDACTED]

From: Gerry Albers <[REDACTED]>
Sent: Saturday, September 25, 2021 1:38 PM
To: SpaceXBocaChica
Subject: Boca Chica PEA

If Boca Chica is not satisfactory, where in the world would be satisfactory for large Mars-capable launches??? I served 4 years as a USAF instructor pilot at the former Laredo AFB. I can attest that South Texas is about as remote and desolate as you are going to find in the USA.

Gerry Albers

Mobile: [REDACTED]

Office: [REDACTED]

Home: [REDACTED]

From: Tak Takahashi <[REDACTED]>
Sent: Friday, September 24, 2021 9:57 PM
To: SpaceXBocaChica
Subject: Citizen Public Comment: Draft Programmatic Environmental Assessment (PEA)--SpaceX Starship/Super Heavy

Subject: Response to FAA-- Draft Programmatic Environmental Assessment (PEA) for SpaceX Starship/Super Heavy

COMMENT:

Throughout human history, the human species has sacrificed a great magnitude of hardships, life, and wealth to propel human civilization to the next technological level. In that matter, I believe "SpaceX" is an important driver and vessel for our civilization to excel our intelligence, technology, and the survival of our human species.

SpaceX's Starship mission going to Mars should not be considered as a hobby or a child's play-school project. But a critical urgency to be a multiplanetary species. "If there's a third world war we want to make sure there's enough of a seed of human civilization somewhere else to bring it back and shorten the length of the dark ages," Elon Musk said. We live in critical times and life is short on Earth. Any catastrophic or apocalyptic event could deplete the whole human race in matter days! Having colonized Mars will bring a second-stage backup for our civilization to co-exist and not the eyes of seeing extinction. Human life is very vital, and we need to preserve our existence and to make our lives and technology for the better. SpaceX's Starship mission also will greatly increase the number of Starlink's satellites in space to help deliver the world to stay better connected, especially in the rural part of the regions, where most people still do not have access to the internet yet. And in some rural areas, where internet connections are not reliable. I believe the internet project "Starlink" will change the internet world and help us in the future to communicate better and in the future to communicate with people on Mars and spaceships. Starship will hasten the growth to meet the critical goals of saving the human race and making an important space history of human mankind.

Therefore, under the capacity of environmental and wildlife impact from SpaceX test vehicles affecting organic living conditions is no doubt a concern and I agree. But we have to sacrifice one thing to make a difference. Like they said in life, "You can't have both!" And in regards to the PEA Rough Draft, you proposed an annual Starship/Super Heavy launches to have an operational phase of about 5 launches per year, this number alone will not be considered fair enough to drive space innovation and technology, especially making life to be seeded on Mars. This will dramatically decrease or impede the growth for humanity to become a multiplanetary species and the advancement of space technology. I highly recommend that FCC and its following Government, State, and local agencies will make a prudent and reasonable fair judgement on increasing the number of launches of the SpaceX's Starship and Super Heavy.

I believe and trust that the FCC will bring an outstanding final decision and outcome for SpaceX.

Thank you!

Gene H.



Virus-free. www.avast.com

From: Alex Denison <[REDACTED]>
Sent: Saturday, September 25, 2021 11:49 AM
To: SpaceXBocaChica
Subject: Comment: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Hello,

I am writing in regard to the public review and comment period for the SpaceX Starship Super Heavy Project at the Boca Chica Launch Site. I would like to submit the following comment.

I am extremely concerned about the SpaceX operation at Boca Chica and the continued violation of their agreement for the use of this site. SpaceX has a track record of faulty launches and disregard for the environment that I believe will only continue if they are allowed to conduct Starship/Super Heavy launch operations from the Boca Chica Launch Site. For example, failed SpaceX test launches have already caused large bushfires and scattered debris across the surrounding protected land. As the FAA knows, SpaceX has also already violated their past agreement and launched rockets much larger than they were authorized to.

CEO Elon Musk seems to have very little regard for the failure of these rockets or the damage they cause. The Wall Street Journal reports that in 2018 Elon said at a press conference "We've got a lot of land with nobody around, so if it blows up, it's cool" in regard to SpaceX launching rockets. As evidenced by the failed launches and destruction of land that has happened since SpaceX began launches at Boca Chica, it seems that this sentiment is still held by Musk and SpaceX.

Given this track record of complete disregard for the wildlife and surrounding state parks, and the dishonesty of Elon Musk and SpaceX in regard to their launch operations at the Boca Chica Launch Site, I cannot see how allowing SpaceX to launch larger, more dangerous spacecraft would end in anything other than disaster. Please hold SpaceX accountable for these failures and do not allow them to expand their launch operations to include Starship/Super Heavy launches.

Regards,

Alex

From: Rick Anthony <[REDACTED]>
Sent: Saturday, September 25, 2021 12:11 PM
To: SpaceXBocaChica
Subject: Comments on SpaceX Draft PEA

Thank you for the opportunity to comment on the draft SpaceX Programmatic Environmental Assessment. I am in favor of approving this action. The FAA should issue the relevant licenses and permits to allow SpaceX to proceed with developing, building, and launching its Starship and Super Heavy boosters from their facilities at Boca Chica.

I've always felt that the Kennedy Space Center's location in Florida is responsible for the successful preservation of the vast wildlife refuge that has come to surround it, and believe the same will be true for the SpaceX facilities in Boca Chica. SpaceX has already demonstrated their good stewardship of the area with clean-up work for both the wildlife areas and historic sites nearby.

Additionally, SpaceX is doing work here that I believe will be of immense benefit on a local as well as national and world level. The draft PEA supports the facts that most impacts to the area are negligible, and the rest can be mitigated.

Thank you,
Rick Anthony
Highlands Ranch, Colorado

From: Lucy W <[REDACTED]>
Sent: Saturday, September 25, 2021 11:35 AM
To: SpaceXBocaChica
Subject: Comments on SpaceX

Hello, Ms. Stacey Zee,

My name is Lucy Turner. I am a small business owner and environmental activist. I have been following the actions taken by SpaceX and their CEO Elon Musk for the past few months, and as a result I feel compelled to write. I am writing to submit my comments and concerns about the SpaceX operations that is planned to take place in Boca Chica, Texas.

The first thing I am concerned about is a variety of environmental effects as a result of launching a rocket on top of a body of water. Loud noises from regular ships with motor propellers have been known to cause massive harm to fish and other wildlife that lives in the water, including endangered or threatened species like whales and sharks (1).

All other aspects aside, the simple act of launching this rocket will cause massive sound waves that will not only distress and harm local land animal communities, as well as human communities, but will harm marine species the most. Sound travels faster in water than it does in air, so this level of noise pollution can damage the brains and organs of many animals, or even frighten them so much that they surface too quickly, causing nitrogen bubbles to form in their blood and cause an embolism (2).

The stranding and death of dolphins and whales, for instance, is common during practices of oil rigging, shipping, and even naval sonar usage (3). Many fish, birds, mammals, and other animals die as a result of these loud and sudden sounds, of which few are necessary.

The human ear starts to experience pain at 120 decibels. This is about the same level in which whales will start to avoid sounds (4). Humans start to experience hearing loss at about 90 decibels. The launch of a rocket produces about 180 decibels of sound (5), which can be up to 60 decibels higher when converted into water, which this rocket will be directly on top of.

The massive impact this will cause to marine life is unnecessary. There is no legitimate reason for the launching of these rockets. There is nothing in space that should take precedent over the lives and well being of living creatures walking on our planet.

On top of noise issues, we also have the issues of fuel usage. The Falcon Heavy spacecraft when it was launched 3 times used 906,000 lbs (411,000 kg) of fuel each trip, while the Saturn V, which some SpaceX ships try to mimic, burned 4,578,000 pounds (2,077,000 kg) of fuel (6).

This means that each launch of a spacecraft uses more fuel than 289 to 1459 cars do in a whole year (7). And this is being done at the absolutely worst time! We are suffering from a massive climate crisis, as the world is warming at an alarming rate, and the experts all agree that we should be doing what we can to reduce the consumption of fossil fuels as much as we can (8). If we do not comply with reducing carbon emissions, we will have to deal with melting ice caps, higher sea levels, stronger storms, climate refugees, higher rates of disease, reduced crop yields, untold levels of death and property destruction, and far more.

And that is just the potential climate effects, other issues of launching rockets include pollution of the parts of rockets, combustion damage to the nearby nature reserve, gas leakage into the ocean, and far more.

On top of this, Elon Musk is well known to ignore FAA demands and warnings, and do what he likes regardless. He does not care about the repercussions of his actions, and his apathy can cause widespread harm.

Launching rockets provide literally no benefit to humanity, and definitely no benefit that can be outweighed by the harms mentioned above. They have no proven benefit to local economies, and will likely harm the productivity of surrounding economies through noise pollution, reduced fishing yields, and residents moving out of the area due to the noise and other issues.

There is also zero benefit to commercial space transportation. Commercial space transportation WILL NOT benefit humanity or benefit nature, and will only work to harm them both through the issues mentioned above. None of the impacts of commercial space travel outweigh the massive harm done to the environment and to people.

This will also not create enough jobs to matter. Especially when the jobs are unnecessary and ultimately harms the planet and the life on it. Job creation is meant to help people to make money in a capitalist system to help them afford goods and services such as food, transportation, and a place to live. But the job itself should not be antithetical to the sustainability of the job market as a whole.

When the impacts of the job work to harm the environment, speed up climate change, and ultimately eliminate the ability of many people to live, let alone work, then one must ethically choose the more moral choice.

Deny SpaceX a license to launch and demand that they bulldoze down what they illegally built on the site. Elon Musk has lied to the FAA multiple times. They have gone behind the FAA's back multiple times. On top of the environmental effects, you should not grant a license to someone who engages in insubordination and is apathetic to the morals and implications of his actions.

Thank you for reading this,

Lucy Turner.

References:

1. <https://www.nationalgeographic.org/encyclopedia/noise-pollution/>
2. <https://www.iucn.org/content/keeping-whales-safe-sound>
3. <https://www.oceancare.org/en/our-work/ocean-conservation/underwater-noise/underwater-noise-consequences/>
4. <http://www.oceanmammalinst.org/zurich-lfa-address.htm>
5. <https://www.nasa.gov/feature/orion-service-module-testing-sounds-off>
6. <https://www.sciencealert.com/video-shows-how-we-could-see-propellant-use-if-space-rockets-were-transparent>
7. <https://www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle>
8. <https://www.ipcc.ch/sr15/>

From: Eek <[REDACTED]>
Sent: Saturday, September 25, 2021 7:45 PM
To: SpaceXBocaChica
Subject: Concerned for wildlife around SpaceX

Please look into this. We can't destroy wildlife and possibly humans to get Mars. losing one species of the 6 endangered will offset the ecosystem, and have an affect that is long reaching.

From: Coletun <[REDACTED]>
Sent: Saturday, September 25, 2021 8:41 PM
To: SpaceXBocaChica
Subject: Don't Be the Great Filter

Starship...

Doing anything to inhibit it's progress may very well be closing the door on humanity's only chance of expanding the light of consciousness beyond Earth.

SpaceX operations in Boca Chica are a source of immense National pride. With the pandemic, global political strife, and economic uncertainty...why would you take this last source of hope from the nation?

Delaying the advent of commercial airlines would place one's self on the wrong side of history... The FAA getting in the way of multi-planetary exploration would be a massive embarrassment for the Administration and the U.S. China will not wait for us...they will stay the course and not be held back by bureaucratic environmental reviews...

We must support SpaceX and their mission. The DOD and Scientific benefits are immeasurable...don't ruin this FAA.

Thank you,

-Coletun

Sent from my iPhone

From: Doug T <[REDACTED]>
Sent: Saturday, September 25, 2021 8:43 AM
To: SpaceXBocaChica
Subject: Environmental Review o SpaceX Starship/Super Heavy Operations at the Boca Chica Launch Site

I read through most of the main document and the attachments. There are definitely some concerns related to noise, vibrations, and impact on threatened species. But on balance, I feel that they are minor compared to the advantages of the program.

There are many abatement and compensatory measures that SpaceX could take to alleviate the concerns expressed in those documents. They can take launch noise abatement measures. They can establish land & wetland reserves in other areas to compensate for minor habitat losses in Boca Chica. They can fund other roads/bridges/tunnels for beach access. They can help fund efforts to shore up historical buildings.

I highly recommend granting immediate approval to proceed with launch operations, with stipulations that they must resolve the most urgent concerns within a reasonable amount of time.

Doug Taphouse
[REDACTED]

Wake now, discover that you are the song that the morning brings.
- R. Hunter

From: paulette fukumoto <[REDACTED]>
Sent: Saturday, September 25, 2021 10:45 AM
To: SpaceXBocaChica
Subject: FAA approval for SpaceX space exploration program

I am a 74 year old US citizen and avid supporter of SpaceX. It is my desire that the FAA do it's job of assuring a high level of safety for this effort of SpaceX to create a new industry of space exploration and habitation for Earth's citizens like me. I understand the risks associated with space exploration, since I have been alive and watching it for over 60 years.

I believe we are at a critical time in our history for our country. We need to support companies like SpaceX, Tesla, Amazon, and others who are taking enormous risks to develop a good future for our world and our country. We cannot "over regulate" these companies, yet there must also be a level of safety assured for their activities. This balance is important. I trust the FAA and other government agencies who are there to protect the public from undue risks associated with risky businesses. And we need to encourage all of these companies and others to do what they do to enhance our future. I am watching the FAA and other agencies who are responsible for this oversight and would like to know that you (the FAA, etc.) are also interested in providing a good future for our world as these companies should also do. This is a big job for all of us.... Aloha, Jay Ogden

Sent from [Mail](#) for Windows

From: SkyAir__ <[REDACTED]>
Sent: Saturday, September 25, 2021 7:00 AM
To: SpaceXBocaChica
Subject: FAA BOCA CHICA SPACE X

Hello, after to have read the document, i think that space x are not a danger and do not problem for the environmental place.

To my mind space x really need the first orbital flight test in October. Also in the future, space x need to have at least 200 orbital flight / year to make a multiplanetary species, to finally to save the humanity.

So please increase the number of flight.

Cordially.

From: Mike Butero <[REDACTED]>
Sent: Saturday, September 25, 2021 9:49 AM
To: SpaceXBocaChica
Subject: FAA I Support Starship at Boca Chica

Attn: FAA

Re: Support Comment to FAA

Please be advised that I am 69 years old and I watched along with my family and tens of thousands the take off of Apollo 11 from the Kennedy Space Center. In saying that SpaceX Must be allowed to launch as many times necessary from Boca Chica so that we can go back to the Moon and later Mars. We have wasted far too much time. PLEASE!

Thank You
MB

From: Donald Traylor <[REDACTED]>
Sent: Saturday, September 25, 2021 6:45 PM
To: SpaceXBocaChica
Subject: For Ms. Stacy Zee, FAA

Dear Ms. Stacy:

Mr. Musk has safety as a very high priority in the manufacturing of his Tesla vehicles and safety is always a high priority at Boca Chica. I have personally watched many of his rocket launches and there doesn't seem to be a lack of safety. I would highly recommend that you approve his Boca Chica space port.

Sincerely,

Donald Traylor

From: [REDACTED]
Sent: Saturday, September 25, 2021 3:48 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hey FAA Get off your ass and approve the SpaceX expansion and future launches at Boca Chica TX. This is all beyond bureaucratic [REDACTED]

From: [REDACTED]
Sent: Saturday, September 25, 2021 10:01 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

They were allowed to launch 1 falcon per month under the current permission, which are far lighter crafts than the Starship. Since then they have added structures and turned the site into a Manufacturing location I do not understand how an experimental explosive range can be sited so close to soo many critical endangered species. I know that SpaceX intend to launch rockets but they seem to be very good at detonating them up. Setting the local nature reserve alight. The design of the SpaceX starship fuel and oxidiser tanks do not have a secondary barrier between them and the outside of the rocket, because the tanks share a common dome. If one tank fails a reduce pressure this will likely cause the fuel and oxidiser to mix. This has happened on low fuel loads, on landing. If this were to happen before take off there would be a blast comparable with a nuclear bomb detonating. The activities over and above the original permission seem to have gone total unchecked. At what point do the FAA intend to step in and protect the wildlife and reduce the operation the the original environmental assessment? At the moment it is like they have a free for all where abiding by the law is optional. Closing public roads for 1000 hours a year rather than the 300 they are allowed, forcing the residents out of there homes with less than 24 hour notice. The local wildlife has been adversely affected already. The new launch structure is very close to the edge of the property meaning if a craft falls over it will land in the nature reserve requiring heave lifting gear to go and fetch it. Equipment that has no business being on a nature reserve.

From: [REDACTED]
Sent: Saturday, September 25, 2021 10:17 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Why are you people giving this company such a hard time. We are not the only country trying to get to other planets. This company is the best opportunity for the USA. The more trouble you cause for this company gives it more of a reason to give the US the fingure and take its business to another country. He wants to get humans to another planet that doesn't mean it has to be Americans. Other country's would jump on the chance to welcome SpaceX with open arms and no bull about environmental studies. Most every government in world would love to see you guys screw this up and I do mean the FAA. So for the love god please stop trying to stand on their through's and trying to show how unpleasant you can be and use this opportunity to help all Americans and your self's in process to move ahead into the future. You might also at this time think of the future for the FAA. This is your chance to upgrade everything you stand for and the opportunity to upgrade the FAA for the future of space travel. We need your help and guidance for our future or we will be left behind other country's in our World. Good Luck and God speed. Also was in rush when typing this it could have probable been done better. Thank you for your time.

From: [REDACTED]
Sent: Saturday, September 25, 2021 10:24 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am not an aviation professional, however I am an aviation consumer and a citizen of the USA since birth in 1947 and have traveled 1 - 4 times annually on US airlines primarily. My confidence in US airline companies, manufacturers, and government agencies (including the FAA) for safety of our airline services has greatly been diminished with the events connected with the Boeing Company and it's apparent disregard for safety of people such as me who ride their planes. It appears that profits of this company (Boeing) are more important than safety of it's aircraft. I will not ride on a Boeing plane ever again, until I am certain that the FAA can independently and comprehensively ensure that Boeing aircraft is safe to ride. This trust may never be what it was for Boeing. It took most of the last 50 years of my life to build my trust. But now this trust is gone. I may never again ride on a Boeing plane again. What the FAA does going forward will affect my trust level. Hopefully, the FAA will not allow any aircraft company to behave as Boeing has in the past 10 years. I will be watching...
Aloha, Jay Ogden

From: [REDACTED]
Sent: Saturday, September 25, 2021 11:38 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello. My name is Jun Youl Kim. Though I am not a local resident to this area, I would like to offer my opinion on this project. Considering the area is highly environmentally sensitive, it seems unreasonable that a testing ground for a Saturn-V class vehicle prone to explosions should be located here. The facility should be moved to a site not as sensitive to environmental destruction. Tons of shrapnel and burning methane will most likely end up destroying the area around the launch site. I hope that SpaceX will be treated with harsh love and not kid gloves, as Elon most likely expects.

From: [REDACTED]
Sent: Saturday, September 25, 2021 11:56 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Elon Musk has repeatedly shown that he is a pathological liar and psychopath. For that reason alone, but also because his proposal would negatively impact critically endangered sea turtles, birds, felines and other wildlife, this permit should be denied. And he should be required to remove the unpermitted structures he has built on the site. For an exhaustive discussion of these concerns as well as a sketch of Musk's abysmal record as pertains to environmental stewardship and protecting the health and quality of life of his human neighbors, examples of Musk repeatedly ignoring the law, and why Boca Chica is an awful choice for a launch site, see "Musk vs The FAA - Round Two" [youtube.com/watch?v=-BavKuMDed0](https://www.youtube.com/watch?v=-BavKuMDed0), and related videos on the channel. Thank you for your consideration.

From: [REDACTED]
Sent: Saturday, September 25, 2021 1:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I don't think SpaceX should continue to be allowed to operate in the way they are at Boca. They are far too close to protected environments, and are extremely dangerous to several endangered species in the very close area. Sound, fire, chemicals, lights all completely destroy the environment of these species. If this happened anywhere else in America there would be extreme outrage. Sacrificing our current home and environment is unexcusable for the "progress" of the few. SpaceX has already violated several laws, rules, regulations, and should be held accountable.

From: [REDACTED]
Sent: Saturday, September 25, 2021 2:01 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The fact that musk builds a Launch sight with the permit of falcon 9 launch a month. And has built a considerably larger vital that to this date has exploded 3 times. Without FAA permission. Thes highly destructive testing has convened Boca chica residents with rode closers ad living ther homes hows winds have to be opened for thred trade of the explosion. Musk also bild several unregulated buildings on the sight like the 120-meter tall launch tower at the edge of the property shud anything fall over it will fall into the naboring wildlife reserve home to turtle endangered cats wich the sight is surrounded with and wich in 2019 space x has set 100 acres on fire during one of its destructive tests. Beuse of these issues I do not believe that Space X is a responsible actor and the FFA sold exercise its authority. To stop any further launches expel space x from the property and compel them to restore it to originally conditions as far as that is possible. Musk and Space X will do anything they can get away with. Pless FFA show them that they cant.

From: [REDACTED]
Sent: Saturday, September 25, 2021 3:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hi, my name is Adam Hitz and I'm a resident of Texas. I believe that SpaceX should be allowed to continue their development of the starship rocket and the super heavy booster. It will have a big benefit to the economy of Texas and it will help America achieve rapid innovation in space. This is the future and if it isn't allowed to continue here in America someone else will do it.

From: [REDACTED]
Sent: Saturday, September 25, 2021 4:12 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Very excited to see starships and heavy booster on the earth

From: [REDACTED]
Sent: Saturday, September 25, 2021 5:08 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'm very supportive. Please approve spacex

From: [REDACTED]
Sent: Saturday, September 25, 2021 3:56 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

It seems that the report is subtly sending a message that SpaceX is not given the freedom to innovate at its organic speed. For humanity to prosper, we MUST empower our citizens to discover and innovate (both involve errors laden - but discoveries and innovations will never be accomplished absent failures). My biggest concern is that companies like SpaceX will find locations to operate outside our borders resulting in our loss. How did we get to where we have a system that enables individuals like Jeff Bezos, who would sue an innovative company because he lost in the competition? Instead of working harder to be ahead, he opted to trip the winner of the competition. Enough already. Let freedom reigns, let innovation wins, foster competitions, and let the free market runs its course because it's the only way we will get back ahead unless of course we wish to be just followers and losers. Thank you.

From: [REDACTED]
Sent: Saturday, September 25, 2021 7:04 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I heard of the space x facility on YouTube and have done some research to see what was going on with it. From what I've seen I'm disgusted by the actions Musk is taking at Boca Chica. I don't like how he is launching untested rockets that were not authorized to be launched at that facility. Given how many have exploded so far, it's only a matter of time before one explodes when full of fuel and that could lead to countless destruction of the local wildlife. I think this needs to be shut down and he needs to be forbidden from doing any launches until there has been a very thorough investigation.

From: [REDACTED]
Sent: Saturday, September 25, 2021 8:42 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA Rep.: SpaceX, as of this writing, has proven to deliver safe and methodical rockets, and support systems. I am of the opinion that as long as they continue their diligent ways, we ought to give them every opportunity to expand failities at SpaceX Boca Chica, Texas, and other locations thoughout the Great State of Texas. --Ronald A. Montesano, P.E. Buda, Texas

From: [REDACTED]
Sent: Saturday, September 25, 2021 5:33 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Why are you continuing to hold up the most advanced rocket company in the world with your nonsense?? Leave they alone and quit wasting time.

From: [REDACTED]
Sent: Saturday, September 25, 2021 6:14 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'm super excited to see America and SpaceX pushing space development forward. And in my home state to boot! Here's to hoping this gets approved! Thanks, -Brian from Dallas, TX

From: [REDACTED]
Sent: Saturday, September 25, 2021 6:42 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, my name is Duncan Truitt. Disclaimer, I'm a 23 year old computer science undergraduate, so, I am by no means an expert nor do I have any sort of qualifications in the background of what is being discussed. This is simply my opinion. I do believe that the health and safety of people needs to be the first priority in all of this regardless of how fast spaceX would like to move. As for the environment, personally, I believe that the development of this facility and the spacecraft that it will be launched from is more important, to a certain degree at least, then some of the wildlife in the immediate area, as bad as that may sound to some people. Not to say that I don't think that steps should be taken to mitigate the impact on the local environment, but I do not believe that it should be a priority nor something that is heavily limiting in SpaceX's capacity to test and launch vehicles. Remember that this is the spacecraft that NASA is planning to use to return us to the moon, and there is still a lot of feats to overcome that will be needed to enable a version of this craft to go to the moon and land. It will need many launches for refueling and we still haven't seen how the spacecraft handles reentry. The less opportunity spaceX has to test these vehicles, the longer it may take for them to iterate and fix design issues. I am one to believe that it will take spaceX longer than they are expecting to achieve consistent desirable outcomes with the launches and landings of this spacecraft, so the more testing they have available, the better. I understand that the FAA is probably under a lot of pressure from both sides and that it can't simply ignore the issues taken up by people regarding the local wildlife surrounding starbase. My opinion is simply that this, while it should be a concern, should not be a priority in the grand scheme of things.

From: [REDACTED]
Sent: Saturday, September 25, 2021 8:14 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please do not do anything that will delay any timelines. Any issues should be resolved with something that helps balance things out reasonable workarounds etc. Delays to becoming multiplanetary could literally contribute to our possible extinction. The odds aren't high but are very real.

From: [REDACTED]
Sent: Saturday, September 25, 2021 9:09 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe that the location for the SpaceX operations in Texas is an ideal location. This will allow for space progress to happen while making an area where wildlife can live and be protected. Hopefully the road between the launch site and production side could be widened to allow for transportation without having to shutdown the highway.

From: [REDACTED]
Sent: Saturday, September 25, 2021 9:42 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The activities at the SpaceX facility in Boca Chica pose a significant risk to the natural wildlife and multiple endangered species. These animals play an integral role in maintaining key parts of the local ecosystem and larger ecosystems in the ocean. With so many endangered species in the area surrounding the Boca Chica launch site as a nature preserve there needs to be far more protection. A 100 acre wildfire is only the beginning with how much SpaceX is expanding in the area. These wildfires can cause significant loss of life and severe damage in far larger regions if the opportunity arises. With continued catastrophic launches SpaceX has strewn debris and toxic waste throughout the region placing an increased risk to the entire endangered population. The sheer amount of greenhouse gas emissions from each launch is staggering as the impacts of climate change become more obvious with the IPCC report calling for significant cutbacks in emissions if Earth's ability to support is to remain stable for generations to come.

From: [REDACTED]
Sent: Saturday, September 25, 2021 9:51 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The Boca Chica SpaceX launch site has already been a blight on the environment around it. A single launch of the Starship prototype alone started brush fires that burned down about 100 acres of wildlife preserves outside of the SpaceX launch site property line. As well as being public land, the area around the SpaceX launch site is home to several endangered species of animals. SpaceX should not be allowed to engage in practices that so carelessly endanger or destroy them.

From: Paul Hamilton <[REDACTED]>
Sent: Friday, September 24, 2021 9:55 PM
To: SpaceXBocaChica
Subject: I support SpaceX approval

I support SpaceX approval

Paul Hamilton, Maj (ret), USAF

From: JOHN NAHAY <[REDACTED]>
Sent: Saturday, September 25, 2021 1:03 PM
To: SpaceXBocaChica
Subject: Musk + SpaceX break the law

Dear FAA,

https://www.faa.gov/space/stakeholder_engagement/spacex_starship/
[REDACTED]

<https://www.youtube.com/watch?v=-BavKuMDed0>

Musk and the company SpaceX (that he did not found) are a proven threat to innocent animals in nature preserves in Boca Chica.

Musk routinely LIES about what he promises to build.

The video above from Youtuber Common Sense Skeptic (CSS) proves it.

FORCE SpaceX and Musk to obey the law, and stop pandering to him by changing laws just to suit him. Nobody needs his dangerous rockets.

John Michael Nahay
[REDACTED]

From: Chuck Goecke <[REDACTED]>
Sent: Saturday, September 25, 2021 7:48 PM
To: SpaceXBocaChica
Subject: My public comment on The FAA certification of SpaceX's SuperHeavy and Starship Rocket launch combination.

Dear FAA,

I am strongly supporting SpaceX and its attempts to fast track the final preparation to test its new massive rocket combination. SpaceX's Rocket engines are proven reliable enough to get the rocket up and far enough out away from land to pose minimal risk to the ground installations and human populations and wildlife habitat. There will no doubt be some failures with the trickier parts of the program, reentry and landing, but they will get maximal data to discover and address those problems, through SpaceX's Fast Iteration process. This results in greater ultimate safety, in a cost effective and very timely manner. FAA's continued dragging out this approval process is not in any of our interests, and I'm talking about all of humanity.

Charles Goecke
[REDACTED]

From: Brad Barker <[REDACTED]>
Sent: Saturday, September 25, 2021 8:47 AM
To: SpaceXBocaChica
Cc: [REDACTED]
Subject: Re: SpaceX PEA Public Comment

To Whom It May Concern,

A correction to the previous comment and position, upon further review the language of the PEA is not clear and eludes that "No Action Alternative" would allow the SpaceX to continue operations without impact. The PEA statement is misleading and may cause further public opinion to support the wrong action, any additional public comments that support the "No Action Alternative" should not be considered without ensuring the opinion is clear to the proposed action's intent.

To make my position clear based on aforementioned opinion of the PEA's lack of sufficient evidence should result in a **"finding of no significant impact (FONSI)"**, as no sufficient evidence has been provided by the PEA to warrant additional scrutiny of SpaceX's proposed launch plans, any additional licenses required should be expedited without undue delay to SpaceX's plans. Any contentious mitigation plans should not warrant any delays in issuing licenses.

Thanks again,
Brad

On Sat, Sep 25, 2021 at 11:13 AM Brad Barker <[REDACTED]> wrote:
To Whom It May Concern,

For consideration in the public commenting of the PEA of "SpaceX Starship Super Heavy Project at the Boca Chica Launch Site"

Based on the marginal findings of the PEA and SpaceX's historical and successful track record, I am in **full support of the "No Action Alternative"** to ensure minimal disruption to SpaceX's efforts to exponentially advance the United States' strategic human spaceflight capabilities. Based on the FAA's negligible findings and current capabilities, I believe that any additional regulatory oversight at this time would not only be a waste of taxpayer funds, but would only serve to be detrimental to the advancement of the technology.

Furthermore, as an industrial leader in risk management, I would like to further opine on the PEA's findings as I do not believe any finding sufficiently quantifies a material risk to support the FAA's "Proposed Action" nor do I believe that any oversight provided by the FAA with provide any material impact to reducing an already marginal risk:

- PEA makes no claim to the risk of human life. SpaceX's current safeguards and current unmanned testing protocols appear to be sufficient in mitigating the risk of injury or death. Future regulatory oversight should be focused on ensuring the Starship vehicle has the necessary safeguards to become human rated/certified.
- Air Quality/Climate - States 47,522 metric tons of CO₂, which only constitutes 0.0007% of the US's annual CO₂ production or approximately the same amount of CO₂ as produced by an advanced gas power plant in only ~10 days of operation and significantly less than the average annual production of a single 737 commercial aircraft.
- Noise and Noise-Compatible Land US - The estimated 65dB for surrounding populated areas is well below the 85dB level considered to be harmful. 65dB is equivalent to a human speaking loudly, recent studies in NYC found the average street level noise in the city to be 73.4dB.
- Visual Effects - The PEA's assertion of impact due to light pollution is baseless with no quantifiable evidence to support any additional actions. Any recommended action should be supported by evidence that the Starbase/Boca Chica development will produce increased light pollution over nearby Brownsville, Port Isabel, and South Padre. Through observing online (YouTube) web streaming videos of SpaceX's lighting, this is the

only conclusion that can be drawn without further evidence. Furthermore, such unsubstantiated claims only serve to undermine the credibility of the PEA.

- Cultural resources - Claims to the potential 18 impacted sites are only supported by baseless claims supported by aforementioned points on Noise and Visual Effects. The only additional claim made on vibration is not backed up with evidence and is also likely an immaterial claim based on previously reported metrics related to decibel and pressure values at the surrounding sites.
- Transportation - Restrictions during launch have minimal impact on nearby residents, only restricting access to public areas for a few, and only impacting access to personal property to a couple remaining residents of the local Boca Chica village. Assessing 800 hours of potential access restrictions, 9% annually, to a significantly small population is significantly outweighed by the overall benefit to the United States and humanity.
- Water resources - Any environmental impact during construction activities should be addressed under local/regional permitting. As a significant portion of the proposed construction activities are already complete, no actions from the PEA would have a significant impact. Additionally the assessment finds that additional expansions and land filling would have no impact on flooding.
- Biological resources - Negligible impact should not warrant additional scrutiny.
- Coastal Resources - Responsibility of licensing falls on the Texas General Land Office and SpaceX, no additional oversight from the FAA is warranted.
- Land use - No evidence is provided that local ordinances have been violated, construction regulations managed locally, no additional oversight from the FAA is warranted.
- Hazardous materials - Minimal waste generation within capacity of local facilities for disposal. Only high volume chemicals in use are O₂ & CH₄, no hazardous propellants such as Hydrazine are used in SpaceX's design. This is the single biggest environmental risk within aerospace, SpaceX has eliminated the risk whereas many other rocket platforms as well as military aircraft use these very dangerous compounds. Any additional actions from the FAA over this risk should be considered an overreach and an abuse of power based on the prevalence without oversight across the industry.
- Natural resources - The SpaceX facility has offset a significant portion of their energy consumption with solar. Additionally their consumption of O₂ and CH₄ are renewable resources that can be produced without constraint, and SpaceX's publically reported plans to generate CH₄ (Methane) will likely offset additional resource impact.
- Socioeconomic impact - SpaceX has made significant public donations to public welfare programs in addition to creating many skilled labor jobs. To attest that their community impact will not directly impact low income is another baseless claim. Furthermore, SpaceX policy in all likelihood meets requirements for all labor laws and fair employment practices. Any additional action on the part of the FAA in regards to this risk should be considered baseless and an overreach of authority.
- The PEA covers ann FAA obligations under 40 CFR 1506.5(a) and 14 CFR 450.47, no additional regulation compels the FAA to pursue the "Proposed Action" over the ideal "No Action Alternative"

To reiterate, no reasonable risk has been presented in the PEA to warrant additional oversight from the FAA. SpaceX should be allowed to continue under the "No Action Alternative" with only strong recommendations to adopt the mitigation actions laid out by the PEA. As most actions are reasonable requests, I believe that SpaceX would likely be amenable to implementing the proposed changes without the need for additional oversight, potential licensing delays, and borderline fraudulent use of taxpayer funds.

Best Regards,
Brad Barker

[REDACTED]

From: Bogumił Wasilewski <[REDACTED]>
Sent: Saturday, September 25, 2021 12:53 AM
To: SpaceXBocaChica
Subject: spacex base

Good morning, in this article is explained why SpaceX must be allowed to develop uninterrupted, or the US will be soon 30 years behind China in space technology:

<https://www.inverse.com/innovation/spacex-nasa-culture-clash>

Regards, Bogumił Wasilewski, Poland.

--

Pozdrawiam, Bogumił Wasilewski.

*Kancelaria Prawna i Podatkowa
mec. Bogumił Wasilewski*

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Nadający wiadomość pocztą elektroniczną wyraża zgodę przedsiębiorcy: Kancelaria Prawna i Podatkowa Bogumił Wasilewski w Białymstoku na przetwarzanie podanych przez siebie danych osobowych, na podstawie art. 6 ust. 1 lit. a), b) i c) rozporządzenia Parlamentu Europejskiego i Rady (UE) 2016/679 z dnia 27.04.2016 r. w sprawie ochrony osób fizycznych w związku z przetwarzaniem danych osobowych i w sprawie swobodnego przepływu takich danych oraz uchylenia dyrektywy 95/46/WE (ogólne rozporządzenie o ochronie danych), w zakresie: przetwarzania i profilowania, w rozumieniu art. 4 pkt 2 i art. 4 pkt 4 tego rozporządzenia. Składający/a oświadczenie zapewnia, iż: został/a poinformowany/a o prawie do wycofania zgody na przetwarzanie danych osobowych w dowolnym momencie, a wycofanie zgody jest równie łatwe jak jej wyrażenie; dobrowolnie wyraża zgodę na przetwarzanie tych danych osobowych; zna cel przekazania przez siebie danych osobowych do przetwarzania; ma dostęp do danych osobowych z prawem ich: sprostowania, usunięcia, ograniczenia przetwarzania, przenoszenia, cofnięcia zgody na przetwarzanie; może także wnieść skargę do organu nadzorczego, tj.: Prezesa Urzędu Ochrony Danych Osobowych, ul. Stawki 2, 00-193 Warszawa. Administrator usunie przekazane sobie dane osobowe niezwłocznie, po ustaniu przyczyny ich dobrowolnego przekazania.

From: David Cohen <[REDACTED]>
Sent: Saturday, September 25, 2021 4:41 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica

Space is an important frontier for the Human race to explore and SpaceX is the only company with the ambition to make it accessible to more than a select few within my lifetime.

It is important that SpaceX to continue their progress without constraints.

Please grant SpaceX to continue building Starship and Starship Heavy so humanity can continue to increase access to space.

David M Cohen
[REDACTED]

From: rfp5004 <[REDACTED]>
Sent: Saturday, September 25, 2021 5:20 AM
To: SpaceXBocaChica
Subject: SpaceX Environmental Study Comment

Good Day,

I would like to submit a comment about the Environmental impact study the FAA is currently doing involving SpaceX and their Boca Chica, TX launch site.

Since the 1970s we as a human species haven't left low Earth orbit. Sure, the drive that got us to the Moon in 1969 was purely political, but at least it sparked innovation and creativity. As Elon has stated, the United States has been on a negative trend line since the Apollo Era with our access to space. We even hit 0 in the 2010s when we had to buy seats on rockets from other nations because we never funded a plan to replace the Space Shuttle after its retirement. Enter SpaceX, a company not driven by political or bureaucratic motives. A breath of fresh air to human species who are begging to become explorers once again.

SpaceX plans with Starship and their launch site in Boca Chica are monumental and driven for, what many deem, the right reasons; to help make us explorers once again and to make life multi-planetary. Please do not attempt to extinguish this innovative spark SpaceX is currently trying to nurture into something bigger than all of us or any political agenda. Work with them and stream-line your process to keep up with their fast-paced nature. Great things lie at our doorstep and if we fumble this opportunity, it may never surface again. Do the right thing and push forward into the stars with SpaceX!!

Thank you for your time,
Ray Plociniak

From: Brad Barker <[REDACTED]>
Sent: Saturday, September 25, 2021 8:13 AM
To: SpaceXBocaChica
Cc: [REDACTED]
Subject: SpaceX PEA Public Comment

To Whom It May Concern,

For consideration in the public commenting of the PEA of "SpaceX Starship Super Heavy Project at the Boca Chica Launch Site"

Based on the marginal findings of the PEA and SpaceX's historical and successful track record, I am in **full support of the "No Action Alternative"** to ensure minimal disruption to SpaceX's efforts to exponentially advance the United States' strategic human spaceflight capabilities. Based on the FAA's negligible findings and current capabilities, I believe that any additional regulatory oversight at this time would not only be a waste of taxpayer funds, but would only serve to be detrimental to the advancement of the technology.


Furthermore, as an industrial leader in risk management, I would like to further opine on the PEA's findings as I do not believe any finding sufficiently quantifies a material risk to support the FAA's "Proposed Action" nor do I believe that any oversight provided by the FAA with provide any material impact to reducing an already marginal risk:

- PEA makes no claim to the risk of human life. SpaceX's current safeguards and current unmanned testing protocols appear to be sufficient in mitigating the risk of injury or death. Future regulatory oversight should be focused on ensuring the Starship vehicle has the necessary safeguards to become human rated/certified.
- Air Quality/Climate - States 47,522 metric tons of CO₂, which only constitutes 0.0007% of the US's annual CO₂ production or approximately the same amount of CO₂ as produced by an advanced gas power plant in only ~10 days of operation and significantly less than the average annual production of a single 737 commercial aircraft.
- Noise and Noise-Compatible Land US - The estimated 65dB for surrounding populated areas is well below the 85dB level considered to be harmful. 65dB is equivalent to a human speaking loudly, recent studies in NYC found the average street level noise in the city to be 73.4dB.
- Visual Effects - The PEA's assertion of impact due to light pollution is baseless with no quantifiable evidence to support any additional actions. Any recommended action should be supported by evidence that the Starbase/Boca Chica development will produce increased light pollution over nearby Brownsville, Port Isabel, and South Padre. Through observing online (YouTube) web streaming videos of SpaceX's lighting, this is the only conclusion that can be drawn without further evidence. Furthermore, such unsubstantiated claims only serve to undermine the credibility of the PEA.
- Cultural resources - Claims to the potential 18 impacted sites are only supported by baseless claims supported by aforementioned points on Noise and Visual Effects. The only additional claim made on vibration is not backed up with evidence and is also likely an immaterial claim based on previously reported metrics related to decibel and pressure values at the surrounding sites.
- Transportation - Restrictions during launch have minimal impact on nearby residents, only restricting access to public areas for a few, and only impacting access to personal property to a couple remaining residents of the local Boca Chica village. Assessing 800 hours of potential access restrictions, 9% annually, to a significantly small population is significantly outweighed by the overall benefit to the United States and humanity.
- Water resources - Any environmental impact during construction activities should be addressed under local/regional permitting. As a significant portion of the proposed construction activities are already complete, no actions from the PEA would have a significant impact. Additionally the assessment finds that additional expansions and land filling would have no impact on flooding.
- Biological resources - Negligible impact should not warrant additional scrutiny.
- Coastal Resources - Responsibility of licensing falls on the Texas General Land Office and SpaceX, no additional oversight from the FAA is warranted.
- Land use - No evidence is provided that local ordinances have been violated, construction regulations managed locally, no additional oversight from the FAA is warranted.

- Hazardous materials - Minimal waste generation within capacity of local facilities for disposal. Only high volume chemicals in use are O₂ & CH₄, no hazardous propellants such as Hydrazine are used in SpaceX's design. This is the single biggest environmental risk within aerospace, SpaceX has eliminated the risk whereas many other rocket platforms as well as military aircraft use these very dangerous compounds. Any additional actions from the FAA over this risk should be considered an overreach and an abuse of power based on the prevalence without oversight across the industry.
- Natural resources - The SpaceX facility has offset a significant portion of their energy consumption with solar. Additionally their consumption of O₂ and CH₄ are renewable resources that can be produced without constraint, and SpaceX's publically reported plans to generate CH₄ (Methane) will likely offset additional resource impact.
- Socioeconomic impact - SpaceX has made significant public donations to public welfare programs in addition to creating many skilled labor jobs. To attest that their community impact will not directly impact low income is another baseless claim. Furthermore, SpaceX policy in all likelihood meets requirements for all labor laws and fair employment practices. Any additional action on the part of the FAA in regards to this risk should be considered baseless and an overreach of authority.
- The PEA covers ann FAA obligations under 40 CFR 1506.5(a) and 14 CFR 450.47, no additional regulation compels the FAA to pursue the "Proposed Action" over the ideal "No Action Alternative"

To reiterate, no reasonable risk has been presented in the PEA to warrant additional oversight from the FAA. SpaceX should be allowed to continue under the "No Action Alternative" with only strong recommendations to adopt the mitigation actions laid out by the PEA. As most actions are reasonable requests, I believe that SpaceX would likely be amenable to implementing the proposed changes without the need for additional oversight, potential licensing delays, and borderline fraudulent use of taxpayer funds.

Best Regards,
Brad Barker



From: [REDACTED]
Sent: Saturday, September 25, 2021 6:57 PM
To: SpaceXBocaChica
Subject: SpaceX

Hi I am 56 years old. About 30 years ago I moved from California to Texas. Short story is that I believe everything is better in Texas. I wouldn't live in Boca Chica purely for my paranoia about hurricanes. I live in Austin which is far from that natural occurrence. You guys must know about that. My point is that it is irresponsible of you people to delay the most progressive and real opportunity to let SpaceX do its thing. You are happy for him to supply goods and people to your beloved space station but now you want to delay the single best and most reliable space company to cast doubt on spending millions of dollars so far. A little hypocritical if you ask me. Elon Musk has been nothing but a solid leader that fulfills all attained contracts. If anything you guys are as antiquated as the beloved space shuttle, which I loved and have artwork in my house. Wake up and let him go to Mars, all you will do anyway is wish him to fail. And he won't!

Environmentally I wonder when the last study was done at Cape Canaveral. Or do you turn a blind eye to that? I have been to Boca Chica and all I saw was sand that I pulled out of my car when I got back. Most of the stuff there lives under the sand or water. You cannot deny this company, they are the future for your kids kids. The future...Get it

Pete Tost
Austin, Texas

[REDACTED]

From: [REDACTED]
Sent: Saturday, September 25, 2021 12:07 PM
To: SpaceXBocaChica
Subject: SpaceX's Environmental Review For Starship Program In Texas

To whom it may concern,

I, Vincent W Petraroli, voice my full support for the SpaceX Starship/Super Heavy Program now and in the future! Don't penalize SpaceX because others can't compete.

Please approve ASAP and help the human race reach the stars!

Sincerely,

Vincent W Petraroli

[REDACTED]

From: Steve Hevener <[REDACTED]>
Sent: Saturday, September 25, 2021 10:30 AM
To: SpaceXBocaChica
Subject: Starship Launch Approval

Allow SpaceX special consideration for immediate Starship flight testing. In my opinion it is a national security issue. China has stated that it will land humans on Mars by 2033. This will be a propaganda coup of monumental proportions...it will confirm that they are the dominant leader in space and the number one superpower in the world.

Steven F. Hevener

From: KEVIN MARSH <[REDACTED]>
Sent: Saturday, September 25, 2021 5:30 AM
To: SpaceXBocaChica
Subject: Starship Launches

Sent from [Mail](#) for Windows

Hello, I am writing this to ask for the review for SpaceX to be approved immediately. Our country doesn't have much to be proud of lately but this company makes us look good for the first time in years. Dragging your feet to approve this makes YOU look bad (FAA) and we don't need that kind of thing making the country look worse than it is. everything positive is a good thing, everything negative is a bad thing, and we all know that the military doesn't get this type of harassment when they take property and us it any time they fell like it. So please let this pass, we all need it.

From: Chris Fellows <[REDACTED]>
Sent: Saturday, September 25, 2021 7:30 AM
To: SpaceXBocaChica
Subject: Starship

To whom it may concern,

I would just like to add my voice in support of the Starship program in Boca Chica TX. I believe in the vision and necessity of human space flight and think it will be the commercial civilian programs that will achieve affordable and rapid access to space.

Thank you
CmF

+++++ Chris Fellows
+++++

From: christopher knight <[REDACTED]>
Sent: Saturday, September 25, 2021 6:28 AM
To: SpaceXBocaChica
Subject: Starship/Super Heavy Programmatic Environmental Assessment

SpaceX' mission is imperative for several reasons but I wish to emphasise the excitement and optimism that SpaceX has brought to ordinary people all over the globe. It is simply inspirational. Millions of people, including myself, are watching history in the making. No development in space flight has been so important as the next 12 months at Boca Chica Texas. It is a crucial step, among many more in the future, that will eventually lead to humanity becoming a multi-planetary species and it will be our generation who will witness it. Putting everything else aside, natural human curiosity should be reason enough to do this. As with any ambitious endeavour, zero risk is impossible to achieve but SpaceX has shown time and time again that they deliver on their promises and have already had a large impact on the space flight industry. With this in mind, I personally believe the benefits far outweigh any environmental and safety concerns addressed.

Thank you.

Regards,
Chris

From: Michael East <[REDACTED]>
Sent: Saturday, September 25, 2021 9:41 AM
To: SpaceXBocaChica
Subject: Support for SpaceX

I want to add my support to SpaceX and the work they are doing at Boca Chica (Starbase)
Sent from [Mail](#) for Windows

From: Detrick B. Martin <[REDACTED]>
Sent: Saturday, September 25, 2021 12:55 PM
To: SpaceXBocaChica
Subject: Support for StarBase

Hi Stacey,

I appreciate the efforts that SpaceX is doing in Boca Chica, Texas.
Hopefully, we can have StarShip rides available to the public sooner than we expect.

Thank you,

Detrick Martin

From: Mat Nadakal <[REDACTED]>
Sent: Saturday, September 25, 2021 8:06 AM
To: SpaceXBocaChica
Subject: You position on Space X

Dear Sir,

I am sure you are fully aware of the breakthrough scientific achievements of SpaceX. Their achievements far outweigh the concern of carbon footprint. I hope your organization will assess this in the interest of humanity, and specifically in the US interest (or we will have to rely on Russians to send people to space).

I hope the FAA will reconsider their stance on this.

Thank you

--

Mathew Nadakal,
Frisco, TX

From: Ross Nicholson <[REDACTED]>
Sent: Sunday, September 26, 2021 2:09 PM
To: SpaceXBocaChica
Subject: Add me to your list

Hi,

Please regard SpaceX as NASA and quit harassing them. We need access to space. Let them fly their rockets from south Texas as much as they like. Thanks.

From: Game Jay <[REDACTED]>
Sent: Sunday, September 26, 2021 1:13 PM
To: SpaceXBocaChica
Subject: Allow SpaceX orbital launch of Starship and Superheavy

Hello,

Not delaying the upcoming orbital launch (and in turn the future launches planned for 2022) from Boca Chica of Starship and Superheavy is crucial to get back on track with NASA's Human Landing System. Delaying it would drastically decrease the odds that the Artemis 2 and 3 missions will successfully be completed by the end of 2024 or even 2025.

Another fact is that the ISS will likely be deorbited around 2030, in which case having a strong orbital presence is important to stay competitive in space station related science and business for our country. In order to avoid a space station "gap" we need to get as much information, technology, and hardware aimed towards building a new station as we can get. Not only would SpaceX be capable of launching modules to aid in the orbital assembly of a new space station, they would provide valuable information and technology towards making the station more effective, reliable, safe, and versatile.

Thank you for this opportunity to comment on the draft PEA for SpaceX at Boca Chica, Texas.

From: Kate Carruth <[REDACTED]>
Sent: Sunday, September 26, 2021 12:05 PM
To: SpaceXBocaChica
Subject: Approve of SpaceX missions

I fully approve of SpaceX projects in Texas and am thrilled that, through SpaceX, we are grasping the possibilities for our future.

Kathryn Carruth

From: Kaleb C <[REDACTED]>
Sent: Sunday, September 26, 2021 1:19 PM
To: SpaceXBocaChica
Subject: Comment on "SpaceX Starship Super Heavy Project at the Boca Chica Launch Site"

To whom it may concern,

The thought that needs as much consideration as any environmental assessment is the cost of not allowing this advancement.

I would argue that the long term cost of not allowing these tests and subsequent flights by the Starship Super heavy Project would outweigh any relatively minor impact on local ecology, and local society. The advancement of space technology is critical to overall environmental, and societal wellbeing and should be weighed accordingly. Just as technological advancement from the founding of the United States on, brought the advent of radio technologies and flight to advancements in refrigeration, space flight, and medicine, this development is critical to the advancement of Human society as a whole.

So in summery, the cost of not allowing this project to proceed will be far greater than anything allowing this will cost or cause.

Thank you for your time,
Kaleb C.

From: Vicki Redding <[REDACTED]>
Sent: Saturday, September 25, 2021 10:07 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment for the SpaceX

I remember the excitement of the race to the moon and the dream of 2001 A Space Odyssey, only to watch us retreat to low earth orbit. Now toward the end of my life, what's happening at Boca Chica with SpaceX gives me hope and renewed anticipation.

Please don't let politics or ego stop our chance to move out to the planets.

Environmental concerns can be managed, just look at the wildlife around Cape Canaveral. Inconvenience to access the beach should NOT stop mankind's chance to become multi-planet. The dinosaurs didn't have that choice.

Sent from my iPhone

From: Kevin Orlic <[REDACTED]>
Sent: Sunday, September 26, 2021 4:10 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Public Review and Comment Period

To whom it may concern:

The SpaceX Launch Platform and future Starship launches are an unacceptable loss to wildlife and ecology of the surrounding area. I am appalled by the previous uncaring attitude of Elon Musk and his other companies' on the topic of environmental protection. Boca Chica and the surrounding national parks are sanctuaries that protect many endangered species both land, sea and air. For example, over 50% of all the ocelots native to the USA live in the surrounding area. God only knows what happened to their kittens during the last few brush fires caused directly by SpaceX.

Sent from [Mail](#) for Windows

From: Henry Sprague <[REDACTED]>
Sent: Sunday, September 26, 2021 6:08 PM
To: SpaceXBocaChica
Subject: Environmental accessibility of Bolsa Chica

To Whom it Concerns

I Henry Sprague III believe there will NO lasting environmental damage to the Boca Chica Beach and surrounding undeveloped areas.

I have walked the Bolsa Chica Beach directly at the end of the road that ends and meets the ocean. I actually parked on the sand. I walked the beach and up the sand dunes directly between starship and the ocean.

It's clear there will be "no damage" of any significance to wildlife in that Bolsa Chica surrounding area and that the benefits to humankind far exceed environmental concern.

Henry Sprague III
[REDACTED]

Sent from my iPhone

From: Peter Lindley <[REDACTED]>
Sent: Sunday, September 26, 2021 11:17 AM
To: SpaceXBocaChica
Subject: Environmental Assessment @Boca Chica for Starship

Please be kind enough to add my email to what I hope is a long list of others who believe that it is imperative that SpaceX, as the preeminent global Space Company, be allowed to launch on a regular basis from Boca Chica to enable them to reach the milestone of a functional and fully reusable space vehicle.

Reasons:-

1. To keep the USA as the leader of space activity across the globe.
2. To allow for a drastic reduction in the cost per kg of material to orbit.
3. The impact in and around Boca Chica is miniscule in relation to the gains for humanity.
4. Any adverse effects can be mitigated either by moving any impacted local flora or fauna, or by emplacing protective measures near the, potential area/fauna/flora.

Regards
Peter Lindley

From: Kenneth Torres <[REDACTED]>
Sent: Sunday, September 26, 2021 3:09 PM
To: SpaceXBocaChica
Subject: Environmental assessment at Boca Chica

FAA,

The limitations set by the FAA concerning launches from Boca Chica and SpaceX are detrimental to the leadership of the US in space exploration and should be reversed to allow SpaceX to get the United States of America back to the moon in a reasonable time frame - hopefully by 2024 as scheduled.

If you have any questions, please contact me anytime.

Best regards,
Kenneth N. Torres Sr.

[REDACTED]

From: stephen darcy <[REDACTED]>
Sent: Sunday, September 26, 2021 12:41 PM
To: SpaceXBocaChica
Subject: Environmental Assessment

The Boca Chica SpaceX site has shown consistent and flagrant disregard for the surrounding environment from setting 100 acres of protected land that houses a large proportion of the US ocelot population to exploding unproven rockets not authorised for launch from said site sending shrapnel kilometres away not only endangering nearby residents but yet again endangered/critically endangered species not just on land but on the shore and in the sea.

The continued contempt for the laws and regulations laid out by the state of Texas and the FAA but complete lack of even a hint of concern about the local environment from Elon musk and his company is a massive red flag, this man wants to launch a rocket with the most powerful first stage ever made from this tiny site sandwiched between national parks and nature reserves his design is not only flawed it is actively dangerous.

The previous holder of the title for the rocket with the most powerful first stage made was the N1/L3 a soviet rocket built around the late sixties early seventies all launches failed one of which resulted in the largest artificial non-nuclear explosions (equivalent to 6.93 kt of tnt) in human history the design of the rocket however prevented it from being a much larger explosion by having the fuels separate in their own individual spherical and semi spherical fuel tanks as a result the fuels did not mix before detonation with the explosive yield being only 15% of the rockets total payload, it took 18 months for the soviets to rebuild the launch site.

Now imagine a rocket with double the payload of the N1 being launched from a vastly smaller sight in a far more populated area (humans and animals) the launch alone would likely start another brush fire if not scorching the surrounding earth entirely not to mention the exhaust fumes and green house gases released into the environment likely choking what few animals remain in the reserve, if the SpaceX launch history is anything to go by then there is a real possibility that the first launch of this latest rocket will fail be it on launch or return either is unacceptable and far too large a risk for the surrounding environment.

From: Sciencelookers <[REDACTED]>
Sent: Sunday, September 26, 2021 2:13 PM
To: SpaceXBocaChica
Subject: Environmental impact

Let SpaceX launch all the rockets they want to, without delay.

From: William Manson <[REDACTED]>
Sent: Sunday, September 26, 2021 1:54 PM
To: SpaceXBocaChica
Subject: FAA Environmental Analysis

Hello,

As a Texas resident, I believe Space X should have no limit on the amount of starship and booster launches in Boca Chica. This vehicle represents a bright future for humanity and it should not be hindered by politics. Space X as a private company should be left alone in regards to environmental analysis on its own property. The analysis that has come out is way too over reaching.

Thank you

From: Cory Kenney <[REDACTED]>
Sent: Sunday, September 26, 2021 1:57 PM
To: SpaceXBocaChica
Subject: FAA Environmental Assessment Public Comment,

Dear FAA,

Space X is the **Only Space oriented company in the USA**, that has a chance to keep up with China and to get us to the **Moon and Mars in the Near Future !!!!** And to **Save Us as a Species**, if hit by an epidemic or asteroid !!

How can you even think about using the **Government Bureaucracy to Slow them down ????**

Elon Musk is Keeping **Us as a Nation**, pointed in the **Absolutely Correct Direction** to fight **Global Warming** and Electrification of our Grid to **Save the Planet !!!** Helping him and his companies any and All ways that you can is the **ONLY Environmentally Friendly Method that we have as an option !!!!**

Waiting for the **Other Space companies** to get going is **Absurd !!!** Allowing the Other companies to **Lobby** for positioning and thus **Allowing Massive Corruption to control our Government Policies** regarding Boca Chica, Texas is **just Plain Stupid !!!**

Again, **Space X** should be **allowed All the Orbital Launches they need or want** and if we sacrifice a few frogs or desert bugs to; "**Save the Planet**"; so be it !!! **Elon Musk** has the funds to **actually get things done for Humanity and is doing so on "ALL of OUR", behalf !!!!** Please Help Him OUT !!!!

Please do Not be part of the Problem !!! Be **Part of the Solution** to our **Planetary Safety** and **Help him** to get **Approved on All Matters as Soon as Humanly Possible !!!!**

Respectfully

Cory Kenney

From: Panos Mavronicolas <[REDACTED]>
Sent: Sunday, September 26, 2021 1:40 PM
To: SpaceXBocaChica
Cc: Panos Mavronicolas
Subject: FAA Environmental Assessment, Boca-Chica

Hi FAA,

I just wanted to send my families opinion on the Space X, Boca-Chica Environmental Assessment and how important it is to continue with

Space X's growth and development.

We are very much for minimizing environmental impacts but in this situation, we feel that the objective and mission of the Space X's company, is so important for the Western Democratic World. Nothing less than the future of humanity in space. As a Canadian, I am so proud of the US, Space X, and the future of space expertise that is being developed for our world.

Well done and please continue this pace.

Thanks

Sent via [BlackBerry Hub+ Inbox for Android](#)

From: [REDACTED]
Sent: Sunday, September 26, 2021 1:15 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Friends: When SpaceX first indicated they intended to establish a launch facility at what they now call "Starbase" at Boca Chica, TX, I'm certain the FAA was familiar with similar operations at the Cape Canaveral, FL launch sites. That familiarity was also well known to any of the other interested parties. So, any reason for delay in approving either test or operational launches by SpaceX in a manner different than FL is unacceptable. Please accept this note as my request that there be no further delay in launch approvals for SpaceX from Boca Chica (Starbase), TX. Respectfully submitted: George V. Pupala, frmr: Capt., USAF, [REDACTED]

From: [REDACTED]
Sent: Sunday, September 26, 2021 11:51 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Spacex is moving forward with space exploration, including missions to the moon and mars. There continued efforts are instrumental to NASA and our national efforts to expand in space. Please allow spacex to continue with this important program

From: [REDACTED]
Sent: Sunday, September 26, 2021 11:52 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The potential risk of disturbing a few frogs and birds is no reason for stopping SpaceX launching the USA into the future, literally, at no cost to the Tax payers. Not when the dead on its feet, oil industry is permitted to poison entire landscapes as far as the eye can see. For what, so a few billionaires can sit on even bigger yachts, while there companies slowly suffocate the entire planet. Stopping SpaceX would amount to a world class case of hypocrisy. The USA's decisions over the next 2 years could be critical to not only the USA but to the future of every human for the next century. A free citizen of planet Earth

From: [REDACTED]
Sent: Sunday, September 26, 2021 12:04 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The work being done by SpaceX at Boca Chica is very important for the future of mankind. Developing Starship to allow cheap access to Low Earth Orbit. This will open up space commerce for research, asteroid mining, manufacturing and tourism. This is necessary for future missions within our solar system and beyond. I am looking for for the exciting future as we develop space commerce.

From: [REDACTED]
Sent: Sunday, September 26, 2021 12:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am writing to agree with and support the decision by the FAA to (tentatively) approve SpaceX's coming starship launches. The starship program is incredibly important both to putting humans on mars and drastically reducing the cost of launching payloads to low earth orbit. However, the one thing I do not agree with is the limitation of SpaceX to only 20 suborbital flights and 5 orbital flights per year. For SpaceX to truly bring Starship to its full potential, they will need far more orbital launches than that per year as they will need to test orbital refueling, which may even eventually require multiple launches per week or even per day. To put 100 metric tons on the surface of Mars would require approximately 5 refueling, or in other words 5 launches not including the launch of the starship vehicle bound for Mars (in other words 6 total launches to orbit), or in other words an impossibility to complete within 1 year. This would also mean that reaching SpaceX's goal of putting a Starship on Mars by 2024 would likely be impossible. So I implore you, please increase SpaceX's allowed orbital starship launches to avoid further delays. For the sake of continued innovation and progress in commercial space transportation, benefits of fully reusable launch vehicles, job creation and economic growth in the boca Chica region, and the ideal southern location for this launch site, please allow SpaceX to bring that launch site and its starship program to its full potential by allowing them to increase their launch cadence. Thank you for taking the time to read my comment. Sincerely, Ren Jaecks email: [REDACTED]

From: [REDACTED]
Sent: Sunday, September 26, 2021 12:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe Space X should be let launch, the mission, the people, the dreams of roaming in the stars burn as bright as one. The Starship is the future, the cost to space won't lower if the Starship isn't let launch.

From: [REDACTED]
Sent: Sunday, September 26, 2021 12:53 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Public Comment in Favor of SpaceX Testing and Development at the Boca Chica site in Texas My name is David Wolff & I live in Bethel, Connecticut. This is a short message stating my desire to see the following activities continue at Boca Chica site in Texas: Ongoing testing and development of "Starship" and "Super Heavy" booster. Launch tower construction Fuel farm construction Off shore launches and landings. StarLink internet deployments I believe that SpaceX is taking precautions to avoid explosive mishaps and leaks of fuel & byproducts of construction & launches into the environment. I would like to see continuing development of re-useable rocket technology. Even with the risks to the environment and perhaps an occasional mishap, reuseable rocket technology is the "lesser of two evils" in comparison with the current disposal of one-time use rockets & boosters into the oceans, along with "space debris" left in orbit. Bear in mind also that Elon Musk's related companies Tesla Motor, SolarCity and battery development are already having a positive impact on the environment. In the long term and looking forward, SpaceX is moving in a positive direction for the sake of the preservation of the environment. Please allow development to continue unimpeded and do not allow politics or UAC or Blue Origin or any less progressive "old school" companies to interfere with SpaceX's development activities. Thank you for giving this matter your attention!

From: [REDACTED]
Sent: Sunday, September 26, 2021 12:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support the launch of the Starship at Boca Chica. I Believe this program is mankind's best hope for exploration and settlement of the Moon a the solar system in general. It also is the US's best bet for getting to the Moon before anyone else.

From: [REDACTED]
Sent: Sunday, September 26, 2021 1:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

For the Environmental Report, If we want to go to the moon we will have to use Lunar Starship and to refuel others to get there. Why only 5 launches annually even for the moon that is way to low for Mars it's impossible if we don't want to die on earth we have to leave to another more forgiving planet Mars, Venus no just no. We need more launches per year please for you and the world.

From: [REDACTED]
Sent: Sunday, September 26, 2021 2:17 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Elon Musk's operations in the area are recklessly destroying wildlife conservation areas. He ignored promises he made about the facility he build there and has been expanding tests and the grounds since. SpaceX is in clear violation as it is located in the middle of wildlife parks, and with their tests getting progressively bigger in scale and their explosions reaching 8Kms in radius then the wildlife surrounding their base is at risk.

From: [REDACTED]
Sent: Sunday, September 26, 2021 1:21 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please do not overly restrict SpaceX's new Starship. SpaceX has radically improved space exploration and commerce. The USA is now far ahead of China, Russia, Europe and all the combined rest of the US. This progress can lead to a stations on the Moon and Mars and keep the USA at the head of space commerce. Relative to climate change and of cars, coal, cattle, and other sources, the SpaceX impact will not change even 0.001 percent. Ditto for disruption on animals. Space transportation is about to progress enormously in a positive way for USA and world and it seems only the FAA can stand in the way of progress.

From: [REDACTED]
Sent: Sunday, September 26, 2021 1:30 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear officials, regulators. Confusions caused by spaceX RnD process specially starship development was always debate between two word. One who stubbornly what to believe every day as was granted, can be granted in the future of humanity, most of the time these people has no long term goals or even family to care about, and if something they have to sacrifice for anything new they would say No, from a risk assessment side, it's even more simpler nature is not stubborn, just delivers by what it has to be power of the big numbers and law of the univers. It doesn't care about politics, corruption, or who's property blow apart because of RUD, just let this think to sink in please, in one of your hand have the company who hold the good outcome and the fate of the humanity, and indeed the not so simple easy way to reach the goal of backup humanity, mankind. In your other hand You have all kind of dabete about local wild life, angry people with their home been turn to rocketry playfield, co2 emission, companies whom will be not able to compete with the speed of spacex, the list can be very long. But it can be very long if You Have Tomorrow, if your child has another day, or decade to live and in the process of developing such a system (starship) gives the chance for new technologies, to protect even not a local wild life but wild life on planet Earth, will give a chance for the debaters to mind their own business or being angry for space x, because the not wiped out, or co2 emission what will be counterattack by technologies what was openly been developed exactly for this reason. Even politicians whom good or corrupt soon or latter have to realize jobs this create not just locally but nationwide. This list even longer. At the end of the day the only right way for FAA to support and give a green light for spacex and help and advice the company and Elon Musk everywhere it is possible. FAA has a privilege to step out from there regulatory lines and being responsible for orders of magnitude more impact for humanity for the nation, then before. Space x and Elon Musk vision is straight forward every human being who's gray matter is functioning well supposed to support this common goal. IF 5 launch need to get done the job and 3 orbital flights, give them, if 100 launch and 90 orbital launch with landing, even push them to get it done, guide them help in mitigating risk, be part of creating future for you nation for you child, for other humans, and nations and for the so minded wild life. Please let this letter to sink in, be part of the supporting the process and even push spacex and Elon to achieve faster, more, saftier launches. Your sincerely Hunor.

From: [REDACTED]
Sent: Sunday, September 26, 2021 1:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

In my view, the FAA is simply in the way with needless regulations and flight reviews that simply slow down the process. SpaceX is dedicated to flight safety and should be allowed to proceed. LET STARSHIP FLY!

From: [REDACTED]
Sent: Sunday, September 26, 2021 2:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I don't live in the Boca chica area but I have always followed our endeavors to explore further and further beyond the limits in space and I think it is One of the most important projects of mankind in the present that we should never back down from because it provides so many advances in knowledge that can help us A hundredfold rather than do nothing so I am 100% behind them doing this work in Boca chica go space x!

From: [REDACTED]
Sent: Sunday, September 26, 2021 3:48 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern? Concerns USA! Advanced methods of obtaining launch permits is essential to the welfare of our space industry. FAA must allow SpaceX to develop and test its new Spaceship transports system for all forms of space services for endeavors and commerce for humanity's future security and prosperity. We should keep fast development of space transport at all cost with modern policies. 🙌 CH

From: [REDACTED]
Sent: Sunday, September 26, 2021 4:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think it's paramount that SpaceX sets up re-usable rockets. There's always reasons not too. But we shouldn't be asking why we can't but how can we. My input is to allow SpaceX to make mistakes to get needed solutions. I'm excited to see where they takes us and am happy when I hear FAA is working with them.

From: [REDACTED]
Sent: Sunday, September 26, 2021 5:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

If spacex can do the impossible with falcon 9 landing more the 100 boosters why can't they do the impossible again let them do there things without you're dumb ass slowing them down!

From: [REDACTED]
Sent: Sunday, September 26, 2021 5:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow SpaceX full launch capacity. We must make life multi- planetary. As we see other routes like those attempted by Boeing and Blue Origin are not progressing despite the large amount of money spent. A few members of the species harmed is nothing compared to all of life getting extinguished!

From: [REDACTED]
Sent: Sunday, September 26, 2021 2:28 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow SpaceX to develop, test and fly Starship more rapidly. They are providing great advancement for our future when most other companies only talk about doing so. Many other industries have a much greater impact on the environment than they could ever have and are a lot less regulated! They do not only bring hope for the future, they also provide a continuing drive to keep going on a daily basis for all of us and that is priceless! Thank you for your consideration!

From: [REDACTED]
Sent: Sunday, September 26, 2021 5:37 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Space X is this countries best hope in becoming the leading nation for space industries, travel and exploration. No other company is even close. If Space X is slowed down we will be playing catch up with the Chinese and Russians. Stop being a bureaucratic hinderance and help the nation stay ahead.

From: [REDACTED]
Sent: Sunday, September 26, 2021 6:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I don't think the FAA has done their due diligence when it comes to any authorizations that SpaceX has for their Boca Chica facility. From what I understand the FAA cleared them for falcon9 launches at that site. However SpaceX seems to have taken that as cart blanche to launch/detonate anything they want on the site of any size or volatility. There is no way the FAA could have foreseen how SpaceX is using the site therefore there is no way a proper environmental assessment could have been done. There is still time to correct this error and not let SpaceX ruin whats left of this plant, as with their stated goals they have ZERO interest in preserving Earth as we know it since they believe in the pipe-dream that humanity's future belongs on Mars. Please do not let them destroy this planet just so, at best. they can sell their "salvation" to the highest bidder. Thank you, JK

From: [REDACTED]
Sent: Sunday, September 26, 2021 6:19 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is the key to the future of the human race. Please approve whatever they need to accomplish their mission which will help us all. Thank you

From: [REDACTED]
Sent: Sunday, September 26, 2021 6:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please approve this for SpaceX! I believe this is our only viable avenue to Mars and beyond. We've waited too long for NASA to get anything done.

From: [REDACTED]
Sent: Sunday, September 26, 2021 6:59 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Someone needs to reign SpaceX in. They do not play by anyone's rules. They allow for more risk to shorten schedule. They do not work to a level of quality necessary for their endeavors. Their company culture is full of toxic yesmen.

From: [REDACTED]
Sent: Sunday, September 26, 2021 7:17 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, re: SpaceX and its impact on wildlife from: John Litherland of North Saanich BC, Canada. 1). Prior to launching a space vehicle, wildlife in the vicinity of the launch site should be dispersed with sound. Giving animals enough time to move away from the area before launch. Starting announcements at least 5 minutes out and getting louder with each announcement or canon air blast etc. Efforts should be made to prevent animals nesting near the launch site. 2) A wildlife expert should be available onsite to address wildlife and environmental issues for SpaceX and the public in the vicinity of the launch site prior to each launch. 3) SpaceX hardware that falls into the ocean should not have toxic materials or nets that would entangle wildlife. SpaceX hardware that is going to be left at the bottom of the ocean may be good for artificial reefs so perhaps aiming for a landing site that would allow scuba divers to visit and monitor how a space ship hull evolves into fish habitat over time should be considered.

From: [REDACTED]
Sent: Sunday, September 26, 2021 8:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please don't stand in the way of the most rapid progress in space technology the world has seen in decades. The benefits of space technology improves the lives of every person on earth and ensures a future for humanity on and off planet. Therefore it should be the duty of every individual and organization to contribute in any way they can to making humanity a space faring species.

From: [REDACTED]
Sent: Sunday, September 26, 2021 2:30 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is the best thing that happened to the region in a very long time ! Please help them develop as safely and efficiently as possible. Our future depends on it !

From: [REDACTED]
Sent: Sunday, September 26, 2021 2:42 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Stop all SpaceX actions at Boca Chica Launch Site! Musk has proven over and over again that he does not care about rules and or the environment. He has violated all terms of operation, so the only solution is to revoke all permissions right now.

From: [REDACTED]
Sent: Sunday, September 26, 2021 11:06 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SPACEX IS MAKING GREAT PROGRESS. IT IS IMPORTANT NOT STOP THEM OR SLOW THEM DOWN. SPACEX IS THE ONLY THING KEEPING THE US IN THE LEAD OVER CHINA AND RUSSIA. IF YOU GUYS COULD PLEASE ACTUALLY SUPPORT THEM, THE MILITARY AND CIVILIAN INDUSTRIES WOULD BENEFIT GREATLY. FROM WHAT I SEE, THE ONLY THING THAT WILL STOP THE USA FROM CONTROLLING SPACE IS OURSELVES. SUPPORT THEM DON'T SLOW THEM DOWN. THANK YOU

From: [REDACTED]
Sent: Sunday, September 26, 2021 11:31 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

During the 1980's, the world shook its head at despotic regimes like Mobutu Sese Seko of Zaire, and Muammar al Ghaddafi of Libya, for allowing Lutz Kaiser to perform test launches of his abortive "Otrag" rocket launch vehicle. Today it's the United States of America, who is permitting equally delusional rocket tests on their own territories, namely in Boca Chica, in immediate proximity of several nature reserve areas, home to endangered species. Just because some Silicon Valley Billionaire believes he can prove that he can outsmart the government?

From: [REDACTED]
Sent: Sunday, September 26, 2021 11:47 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please don't do the usual FAA drag your feet forever with spacex. We have never been so proud of the USA space program. As we are since SpaceX came on the scene and carries our astronaut's to our iss. Elon is willing to help Nasa, Space Force, and the military . We know the democrats hate SpaceX because they can't gaff the tax payers with the old space teams and they don't get there kick backs aka Pay to Play. I'm sure they will have some F-up's but they learn FAST from there mistakes. and try to stay as safe as possible. Please give Elon a Break
Thank You Jerry M. Welch NM. [REDACTED]

From: Kunlapa L Barnaby <[REDACTED]>
Sent: Sunday, September 26, 2021 10:16 AM
To: SpaceXBocaChica
Subject: Full Support of SpaceX's Project

Hello Ms. Stacey Zee,

I want to show my full support of SpaceX's project of Starship/Super Heavy launch operations from the Boca Chica Launch Site in Cameron County, Texas.

Having followed the company since 2002, I believe that SpaceX would conduct appropriate actions to ensure public safety and minimal environmental impact to the area.

Sincerely,

Kunlapa Barnaby

From: Rick Jones <[REDACTED]>
Sent: Saturday, September 25, 2021 7:32 PM
To: SpaceXBocaChica
Subject: Hello, I want to strongly endorse the program of SpaceX in Boca chica

Hello, I want to strongly endorse the program of SpaceX in Boca Chica, Texas. SpaceX is clearly the world's leading entity in space exploration. Do not hold them up over bureaucratic red tape. Elon Musk and his companies have shown themselves to be ecologically sound in all of their activities. I'm sure a reasonable and rapid agreement can be made about any mitigations required for environmental purposes.

Russell Jones

From: Mike Bourdon <[REDACTED]>
Sent: Sunday, September 26, 2021 12:14 PM
To: SpaceXBocaChica
Subject: Mailing list

I support everything SpaceX is doing to fulfill our destiny of traveling to and living amongst the stars.
Sent from my iPad

From: Job Gaviro <[REDACTED]>
Sent: Sunday, September 26, 2021 7:34 PM
To: SpaceXBocaChica
Subject: My Opinion about The launches of Space X SuperHeavy

Space X super Heavy I don't think it is going to have disastrous effects to the environment since space X is launching this rocket from a desert environment even if it is near Sea where there is abundance of species because even if we are to look at the early tests of the rocket itself we didn't see any effects of the rocket to the environment even if some of the rocket prototypes made failures on landing. With the launch of combined booster and starship it means there is greater amount of thrust which is gonna be released and I don't think this is gonna have impact to the environment as we did not see any impacts on the launch of a rocket which is nearly larger like this one which is NASA's Saturn V rocket .

The only possible impacts which can be brought by this rocket is the amount of noise and sound brought by this rocket since it is very larger and this can create vibrations to Areas around the launch site and the mitigatory measure taken by space X is these launches are Done in a desert environment

This rocket is very important to the future of Human race as it is going to make life multi planetary and this going to give knowledge about how earth might have existed and it is going to enable humans to land on another world since we don't know what is going to happen to our planet considering Global Warming and the release of green house gases done by industries and this can be the possible solutions on how to reduce those impacts through visiting other worlds like moon and Mars.

The FAA can proceed to approve the launch of this rocket as there are no disastrous impacts brought by the rocket

From: alimi maxime <[REDACTED]>
Sent: Sunday, September 26, 2021 12:16 AM
To: SpaceXBocaChica
Subject: My opinion on SpaceX

Hello,

My name is Maxime, I'm a French aerospace student. Here is my opinion on SpaceX. I think we must support them in the continuity of their Starship project, because this launcher will be of international use in the Art  mis program in particular.

In addition, I think that we should not restrict technological advances for a dozen selfish people.

I believe in a future of space conquest, I am 19 years old and I would like to see human on the Moon.

Hoping that you will let SpaceX move forward in this great project as much as possible.

Yours faithfully,

ALIMI Maxime

From: Jay Hart <[REDACTED]>
Sent: Sunday, September 26, 2021 1:31 PM
To: SpaceXBocaChica
Subject: My Public Comment on SpaceX Starship Super Heavy Project

Good afternoon, my name is Jay and I wanted to give you my opinion on the SpaceX Starship Super Heavy Project at Boca Chica, Texas. I am a resident of the Rio Grande Valley who has lived here for over 20 years. I have spent so much time enjoying the beaches at South Padre Island and the surrounding area for a long time. This is my home. I grew up loving space and everything NASA was doing, but sadly when the shuttle program ended it seemed like just America gave up. That is, until I learned about what SpaceX was doing with the Falcon 9. I watched every test flight of that rocket and was amazed each time. Incredible what was being accomplished at SpaceX. So, when I read that our little town at Boca Chica was selected for SpaceX proposed Starship project I could not believe it. I thought it was a joke. Only when I witnessed Elon Musk and Rick Perry break ground in 2014 did I know it was true. It would change the valley, and myself, forever. I always wanted to watch a launch at Cape Canaveral, but I could never make it happen. Now I would get see many from my own backyard! I knew that if this program would continue, the Rio Grande Valley would have a proud moment in the history of human space flight.

So when I am asked if I think the Starship program should continue, I say YES. Not just because I am a huge fan of what SpaceX has done to revolutionize the way we access space, but because I also know that the FAA and others overseeing the project will make sure SpaceX follows every guideline necessary to keep the local community and environment safe. This is my home and I don't want to see it ruined by a big corporation, but I believe that what SpaceX is doing is being done with good intentions. Many of my friends and those around around me would also agree. Starship will not only benefit the Rio Grande Valley but the entire world.

Thank you so much for reading this and I hope Starship continues in Boca Chica. Its something that keeps me inspired every day.

From: Mike <[REDACTED]>
Sent: Sunday, September 26, 2021 2:53 PM
To: SpaceXBocaChica
Subject: Please add me to the mailing list.

I support the ability of SpaceX to launch from Boca Chica. We need more options to get to space and this site is an excellent choice.

Thanks,
Mike Andrews

Sent from [Mail](#) for Windows

From: Curtis Quick <[REDACTED]>
Sent: Sunday, September 26, 2021 5:30 PM
To: SpaceXBocaChica
Subject: Please help the USA beat China

Dear Sirs,

We are in a race that most people do not know about, but is critically important for the future of our country. 50 years ago the US was in a race with the Soviet Union to land humans on the Moon. The Soviet Union lost that race and eventually lost everything as the whole world realized that the US was more capable in so many ways. And now there is no Soviet Union.

Today the race is being run again and the stakes are huge. Will the world see that the US is still the winner? Or will China beat us to the Moon and show the world that they are the new masters of the planet and that the US is now a third-rate power soon to vanish from the world stage, like the Soviet Union?

As a country, we have to do everything we can to make sure that the US wins the race to return to the Moon. That means going with SpaceX and the Artemis HLS Starship. SpaceX has the only chance of beating the Chinese in a way that shows clearly how American technology is the best way to go in the future. We need to back SpaceX on this in every way possible. To win this race we must move quickly. That means we need to find ways to remove scheduling roadblocks and help SpaceX to get Starship flying as soon as possible.

The FAA can be a vanguard in this process by giving SpaceX the green light to move forward full speed ahead to launch Starship as soon as possible. Or, the FAA can slow Starship development to a crawl and give China the victory. I am sure the FAA does not want to be seen as the agency which gave China the Moon and led to the eventual downfall of the United States (like what happened to the Soviet Union). Please support SpaceX and help us win this all-important race back to the Moon!

Sincerely,

Curtis Quick

Sent from [Mail](#) for Windows

From: M C <[REDACTED]>
Sent: Sunday, September 26, 2021 5:22 PM
To: SpaceXBocaChica
Subject: Please read

I would like to tell you that me and my entourage are supporting SpaceX in the development of it's Starship ship. Humanity must evolve and you must stop hindering SpaceX in it's development and help it achieve this project. The United States will emerge stronger and dominate space if this project is successful, don't let China dominate space. I hope you will understand the importance of this project!

God bless you

Michel Hotte
Bernice Hotte
Mary Cante
Mélanie Cante
Becky Cante
Lionel Hotte
B-N Cante

From: Sam <[REDACTED]>
Sent: Sunday, September 26, 2021 2:10 PM
To: SpaceXBocaChica
Subject: Public comment - Environmental Assessment Public Review and Comment Period

SpaceX Boca Chica proposed location seems to be much better than a Florida location, since it is located in the southern middle of the country, most southern point of Texas, and next to the ocean.

if there is a 2nd option, it maybe should be California EAFB, but, Texas location would be better.

From: Tayo Shonibare <[REDACTED]>
Sent: Sunday, September 26, 2021 8:42 PM
To: SpaceXBocaChica
Subject: Public comment - programmatic Environmental Assessment Public Review and Comment Period

Hi,

This video might provide some insight into the SpaceX and Boca-chica environmental activities:

https://www.youtube.com/watch?v=-BavKuMDed0&ab_channel=CommonSenseSkeptic

It talks about the environmental impact of the activities.

Thanks.

From: David <[REDACTED]>
Sent: Sunday, September 26, 2021 12:55 PM
To: SpaceXBocaChica
Subject: Public Comment in Favor of SpaceX Testing and Development at the Boca Chica site in Texas

Public Comment in Favor of SpaceX Testing and Development at the Boca Chica site in Texas

My name is David Wolff & I live in Bethel, Connecticut.

This is a short message stating my desire to see the following activities continue at Boca Chica site in Texas:

Ongoing testing and development of "Starship" and "Super Heavy" booster.

Launch tower construction

Fuel farm construction

Off shore launches and landings.

StarLink internet deployments

I believe that SpaceX is taking precautions to avoid explosive mishaps and leaks of fuel & byproducts of construction & launches into the environment. I would like to see continuing development of re-useable rocket technology. Even with the risks to the environment and perhaps an occasional mishap, reuseable rocket technology is the "lesser of two evils" in comparison with the current disposal of one-time use rockets & boosters into the oceans, along with "space debris" left in orbit.

Bear in mind also that Elon Musk's related companies Tesla Motor, SolarCity and battery development are already having a positive impact on the environment.

In the long term and looking forward, SpaceX is moving in a positive direction for the sake of the preservation of the environment.

Please allow development to continue unimpeded and do not allow politics or UAC or Blue Origin or any less progressive "old school" companies to interfere with SpaceX's development activities.

Thank you for giving this matter your attention!

Respectfully,



From: William Schwalm <[REDACTED]>
Sent: Sunday, September 26, 2021 3:19 PM
To: SpaceXBocaChica
Subject: Public Hearing October 6-7

The more you delay SpaceX the more you help China in the space race.
Bill Schwalm

Sent from my iPad

From: Matthew Carter <[REDACTED]>
Sent: Sunday, September 26, 2021 12:49 PM
To: SpaceXBocaChica
Subject: RE: Draft Programmatic Environmental Assessment

The SpaceX launch facility in Boca Chica, Texas is of utmost importance to the national security interests of the United States. In order to remain competitive with other space-faring nations, such as China and Russia, the promotion of private sector spaceflight is of paramount importance.

While I am aware that the SpaceX facility is located close to a wildlife nature preserve which has several endangered species, the same is true for the NASA launch complex in Cape Canaveral, Florida. Practically anywhere a space launch facility could be located would have the same sorts of environmental impacts. And the potential environmental impacts from a launch facility on surrounding ecosystems are relatively mild, certainly much less than any sort of development on those lands would be.

With environmental impacts relatively low and potentially huge benefits to the United States space program of having an interplanetary space launch vehicle, the cost/benefit analysis in this case clearly supports approval of SpaceX's plans for the Boca Chica launch site. The FAA should quickly move to approve SpaceX's plans and do everything else in its legal authority to expedite SpaceX's development of the Starship Launch System.

Sincerely,

Matthew Carter

From: life on today's technology R.A.M <[REDACTED]>
Sent: Sunday, September 26, 2021 5:40 PM
To: SpaceXBocaChica
Subject: Space x bocachica

I am Grateful for this opportunity to speak my opinion regarding the space x bocachica Texas environmental assessment
I believe Elon musk and space x will be working for the future of humanity both in space n on our lovely planet earth plz
help them about the starship n super heavy they deserve it

From: abel garcia <[REDACTED]>
Sent: Sunday, September 26, 2021 8:25 AM
To: SpaceXBocaChica
Subject: Space X comment

Dear Sirs

I think Space X has been a positive influence in our area and should be allowed to proceed with their plans. I further believe Falcon 9 and Falcon Heavy should be allowed to launch from this area. Space X gave millions to local school district as well as supercharged our local community colleges and well as local universities in the field of sciences and other Stem fields.

Abel Garcia

From: jonny casey <[REDACTED]>
Sent: Sunday, September 26, 2021 3:22 PM
To: SpaceXBocaChica
Subject: Space X flight

Dear Sir/Madam,

I am writing to you because I am concerned that you are limiting Space X to only 5 flights per year.

That will stifle the development of Starship and its aim to take us to the moon and Mars.

I believe this decision has nothing to do with the environment and is instead a political act to thwart Space X in its success and instead to work in the interests of corrupt old space oligarchs who fear their loss of influence and power and money to Space X.

Blue origin and Boeing etc are corrupt and have influential congressmen working on their behalf who also fear the loss of back handers they have been used to in the past from old school NASA.

Thus I protest in the strongest way possible to the FAA's decision to curtail Space X in its development and success.

Yours sincerely,

Jonny Casey.

Sent from my iPhone

From: Formateur ZAROU <[REDACTED]>
Sent: Sunday, September 26, 2021 12:20 PM
To: SpaceXBocaChica
Subject: SpaceX

Hello, I trust in SpaceX.
Thanks

From: Bryan Kane <[REDACTED]>
Sent: Sunday, September 26, 2021 6:29 PM
To: SpaceXBocaChica
Subject: SpaceX

Hello FAA,

I am a U.S. Citizen and resident of Tennessee. I am telling you to get out of the way of SpaceX building and using Starbase, Texas as the place to get the USA to the moon, Mars, and beyond. The environmental impact of an average beachgoer is worse on the environment with their trash distribution as they don't care about anything living beyond themselves. SpaceX should be authorized to purchased all land in the entire area to close off human contact with all life to better allow biological life to live. Elon Musk will take better care of the sea turtles than any beachgoer in human history. Allow three or more rocket launches per DAY!

Sincerely,
Retired Sergeant First Class Bryan D. Kane of the Tennessee Army National Guard

Sent from my iPhone

From: [REDACTED]
Sent: Sunday, September 26, 2021 10:47 AM
To: SpaceXBocaChica
Subject: SpaceX

It is the right and responsibility of the FAA to not only oversee space flight but the environmental impact of flight operations. The many endangered animals that are being impacted in the area around SpaceX bocaceca site must be protected.

From: [REDACTED]
Sent: Sunday, September 26, 2021 8:39 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Public Review - Comments

To whom it may concern:

I am writing this Email in opposition to the planned SpaceX facility in Boca Chica to be used for Starship/Super Heavy Testing and Launches. Due to the impact from previous Starship testing, continued use of the facility with vehicles that have a substantial amount of additional fuel, puts a danger to the existing wildlife in the area.

The original concept of the Boca Chica facility was to support vehicles the size of the Falcon 9 Series of rockets. Starship is substantially larger and based on SpaceX information, Starship will be significantly larger and produce a significant amount more energy than the two previous largest rockets ever launched from U.S. soil, The Saturn V and Space Shuttle.

The Space X launch facility currently being constructed in Boca Chica is literally next to a public road, Highway 4 and protected wildlife areas. To move equipment, testing or launch operations, this artery needs to be closed, cutting access to public beaches in the area and forcing local residents to vacate their homes. Most importantly, operations at the site impacts local wildlife which includes birds and animals on the endangered specials lists. The proximity of the facility to public lands indicates no buffers to protect the wildlife areas. This has already been an issue..

To date, SpaceX has tested multiple prototypes of Starship at the SpaceX facility in Boca Chica. All but one ended with an explosion sending debris into these protected areas. The one test that did not end in an explosion, SpaceX designation SN15, ended with a fire at the base of the rocket after landing that need to be extinguished by the fire suppression system on site. Please note, the vehicles that were part of these failures only contained the fraction of the fuel that will be used in Starship/Super Heavy testing. Any anomaly that occurs with its testing leads to the possibility of a significant larger debris field which could do irreversible damage to the local wildlife in the protected areas.

Boca Chica has a small launch corridor window to keep vehicles from flying over public lands. As an alternative, the Kennedy Space Center and Canaveral Space Force Station have a much larger launch corridor to use leaving significantly more room for error which would protect people and wildlife.

As a sample of SpaceX's total disregard to the local wildlife, SpaceX designation SN11, launched in heavy fog which would have been a launch criteria violation at The Kennedy Space Center, Cape Canaveral Space Force Station, or Vandenberg Air Force Base. Launching into fog with minimal visibility made it almost impossible to verify that local wildlife was not in the launch exclusion zone before liftoff. Since the launch facility offers no buffers between the launch pad and public are wildlife protected areas, SpaceX knowing launched an unproven test vehicle without any regard to anything outside of launch operations.

SpaceX has also shown a disregard in following local road closure rules that they had agreed to as part of being allowed to use Boca Chica. Based on accessible public information, SpaceX was warned about their private security stopping public access to public roads outside of announced and approved road closures. They have challenged and on one occasion ignored the FAA order not to launch, SpaceX designation SN8. The shows the company's mind set that if they do not agree with a rule from a regulatory agency, they are willing to ignore it and deal with the consequences later. This pattern indicates that if SpaceX is asked to make modifications to protect local animals and birds, they may ignore or circumvent the recommendation if they feel it will interfere with what they want to do, or cause them delays, or if they just don't agree with them.

As an alternative to Boca Chica Texas, If SpaceX wishes to continue development of their new series of launch vehicle, there are three established sites available to use for this purpose:

- The Kennedy Space Center, Florida
- Canaveral Space Force Station, Florida
- Vandenberg Air Force Base, California

Some of the advantages of using the Florida Facilities over Boca Chica is as follows:

- Long established facilities with existing infrastructure. No need to acquire public lands or wildlife areas to expand operations. Launch pad 39A is already leased by SpaceX and could be modified for such operation. Launch Pad 39B can be used during the that NASA is not using it. The VAB can be used for assembling with a study to determine if the mobile launch tower and platform and crawler transporter can be modified and possible enhanced to support Starship operations if 39B is used.
- Local Public Roads do not need to be closed and residents do not need to be evacuated to support operations.
- NASA and the United States Department of the Interior have a long-established record of making sure the local wildlife is disturbed as little as possible from operations at the Space Center and Space Force Base. An example of this is STS-70 where a nesting woodpecker caused a delay to the flight, but NASA would not harm the bird and went to great lengths to try and scare it away as opposed to hurting it. When moving vehicles from the VAB to the launch pad, the team at Kennedy watched for protected sea turtles as not to harm them as part of the moving process.
- A significant buffer exists between protected wildlife areas, residential areas, support buildings from the launch complex. At the Kennedy Space Center there is a minimum 3-mile distance between Launch pads 39A and 39B, with the VAB and launch control building. The wildlife refuge is further away leaving a significant buffer between space operations and the protected wildlife area.
- In the even of a major anomaly at the launch pad, there are significant emergency response personal and equipment available from the Kennedy Space Center, Cape Canaveral Airforce Station, Titusville, Merritt Island, Cocoa Beach, Cocoa, Port Canaveral, Brevard County Sheriff, Titusville Police, etc. The launch pads are purposely a great distance away from protected wildlife areas in the event of a large event taking place at the launch sites.

Based on the information in this Email and what others may add as part of the public comment and alternative launching and test facilities available, SpaceX should not be allowed to continue Starship/Super Heavy activities at the Boca Chica Site and the site should not be approved for such operations in the future.

Thank you for your time in considering my input if SpaceX should receive approval for Boca Chica as a Starship/Super Heavy facility. With three established and proven launch sites available as well as a track record of ensuring local wildlife is not harmed, there is no need to risk endangered species and take over public lands to add a testing and launch complex in Boca Chica Texas. There is a significantly smaller launch corridor which could endanger the local wildlife and public.

Again, I request you rule against SpaceX's request to use Boca Chica and offering the other three facilities mentioned to continue their Starship/Super Heavy development.

Sincerely,
Philip Barchat

[REDACTED]

From: [REDACTED]
Sent: Sunday, September 26, 2021 12:05 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica

Please help in any way to promote and accelerate the progress of SpaceX Launch/Mfg. facilities in Boca Chica
We have not seen a co. move the needle as much as SpaceX.
Don't go down in history as the agency that stifled the progress of what is to come. Moon, Mars etc.
Safe is good. Dumb assessment/requirement are just that, dumb.

Thanks for listening
Bob

From: Madeson Claiborne <[REDACTED]>
Sent: Sunday, September 26, 2021 7:49 PM
To: SpaceXBocaChica
Subject: SpaceX is Important!

To whomever this may concern,

This test flight and the test campaign to follow will have negligible environmental impact, and the benefit of exploring this new technology greatly outweighs any impacts it may have. Given they are done in a safe manner, please give SpaceX complete freedom to do any and all flights needed to fully prove out their Starship design at their Starbase facility in Boca Chica, Texas. The current regulations put in place by the FAA are outdated and need to be reevaluated; SpaceX is pushing boundaries that are important.

Madeson Claiborne

GN&C Engineer, The Boeing Company

From: Jeffrey Reopelle <[REDACTED]>
Sent: Sunday, September 26, 2021 1:44 PM
To: SpaceXBocaChica
Cc: Jeffrey Reopelle
Subject: SpaceX PEA

To whom this may concern,

I feel a need to say I support SpaceX in all it's independent actions to construct and build a reusable Rocket and Space craft known as Star Ship class Rocket and launch support systems in the area of Boca Chica Texas.

Please move this program ahead at a faster pace and don't slow down their progress toward the landing on the moon and Mars in the future!

Jeff Reopelle,
Texas Resident & true Supporter of a brave new world!!

Sent from my iPhone

From: Tim <[REDACTED]>
Sent: Sunday, September 26, 2021 6:32 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

FAA:

Please don't delay the advancement of technology and space exploration by siding with the likes of powerful, rich companies like Boeing, Blue Origin, etc.

SpaceX is doing the right thing and should not be treated unfairly due to political and private sector pressure. The FAA should not be a puppet of special interests.

Thanks,

Tim Pafik

From: Denny Schröder <[REDACTED]>
Sent: Saturday, September 25, 2021 10:53 PM
To: SpaceXBocaChica
Subject: SpaceX

Hello ICF,

I love SpaceX because they have a goal to help the whole people. Bringing people to other planets and finding more resources. Please allow spacex to stay in boca chica and support them in this goal as much as you can.

Thank you. Greetings from Germany.

Denny Schröder

From: Keith Wick <[REDACTED]>
Sent: Sunday, September 26, 2021 1:21 PM
To: SpaceXBocaChica
Subject: Starship & Superheavy

Greetings, FAA,

I'm not a Texan, I'm from Minnesota, so I don't expect my opinion to carry quite as much weight as a Boca Chica local's would, but I would like to go on record as fully supporting SpaceX in its efforts to build a space-faring humanity. Starship & Superheavy are integral to that goal - building blocks to set humanity on a much more positive & hopeful path. Elon Musk, founder of SpaceX and Tesla, has quietly done more to advance the cause of environmental stewardship than even the loudest environmental activists, so I trust his company, SpaceX, to take environmental concerns in and around Starbase very seriously.

Please continue to work with SpaceX, and be amicable when it's time for their launch cadence to accelerate. America, and humanity, have not been beyond LEO for far too long - it's time to venture forth!

Kind regards,

Keith Wick
[REDACTED]

From: Albert Arapi <[REDACTED]>
Sent: Sunday, September 26, 2021 1:05 PM
To: SpaceXBocaChica
Subject: Starship

Hello,

Please do reconsider the Chance for Starship to launch without any number limitation (of course with safety Limitation) the future of Starships launches for next year since the whole future depends on it.

Thank you in advance
Albert

From: Tony G <[REDACTED]>
Sent: Sunday, September 26, 2021 11:33 AM
To: SpaceXBocaChica
Subject: Starship

Let Starship fly

From: Mario Kozlov <[REDACTED]>
Sent: Sunday, September 26, 2021 12:18 PM
To: SpaceXBocaChica
Subject: Starship launches

My opinion is that SpaceX should and even NEEDS to have full control over how and when they launch starships!

From: Michael Riola (RIT Student) <[REDACTED]>
Sent: Saturday, September 25, 2021 9:07 PM
To: SpaceXBocaChica
Subject: Starship orbital launch

To whom it may concern,

Please let the program continue. Thanks for your time.

Sincerely,

Michael Riola

From: Benoit Avril <[REDACTED]>
Sent: Sunday, September 26, 2021 2:29 AM
To: SpaceXBocaChica
Subject: Starship

I am really astonished humanity keeps making the same mistakes. How will it look in 10 or 20 years when sea turtles and ocelots will be dead and noone will be on mars? All the croonies allowing SpaceX to settle in a natural reserve will just crawl down and hide from the lights retiring in their huge mansions on the coast? We are in 2021 and the guy who pretends he will save the planet with his electric cars and his impossible mars plan has decided to launch his rockets from a natural reserve. Could he not find a place in that huge Texas, or in Mexico to do that?
Are you all dumb in that [REDACTED] country?

From: Steve Keen <[REDACTED]>
Sent: Sunday, September 26, 2021 5:16 PM
To: SpaceXBocaChica
Subject: Support for SpaceX Environmental Assessment

I write to support SpaceX's application. As someone involved in the assessment of humanity's response to global warming, I regard SpaceX's ambitions as being the ultimate in conservation: aiming to extend life beyond the confines of our vulnerable planet, not least vulnerable to our own actions.

Given that SpaceX has this ultimate objective in conservation, I also expect that they will be as good stewards as is possible of the environment of Boca Chica. Obviously the development of an interplanetary launch system will impact the environment wherever it is built. But the fact that the company is driven by the strongest of motives for the sustenance of life, I am confident that they will do the utmost to minimize the stresses on the local environment of Boca Chica and surrounds.

Yours sincerely,
Professor Steve Keen

From: James Macdonald <[REDACTED]>
Sent: Sunday, September 26, 2021 11:54 AM
To: SpaceXBocaChica
Subject: Support SpaceX

Please rapidly approve SpaceX's request to launch Starship and Super Heavy from Boca Chica. SpaceX has brought US space industry back to its once great leadership position. It would be tragic if government bureaucracy became the limiting factor in the development of new space technology.

James Macdonald

From: Juan Garcia Lopez <[REDACTED]>
Sent: Sunday, September 26, 2021 8:49 PM
To: SpaceXBocaChica
Subject: Supporting SpaceX and Starbase operations.

My name is Juan E Garcia Lopez, and I am a physician at UTRGV Family Medicine Program. I am writing to support SpaceX and its future operations in Boca Chica.

I understand the impact that this massive project can have in all aspects of our lives, from a health, social and ecological points of view. I think it must be regulated like all activities of private and state organizations. But I also think that this should be adjusted based on the repercussion of the results in our nation. I am not talking just about to win a race to get to the moon like years ago while the cold war; I am talking about the future of exploration, and defense of our "space borders". I think that huge companies like ULS and Boing should start to work on projects that help to save taxpayer's money while at the same time reaching "on time" their goals. Look at Starliner, an amazing and highly expensive project that poor supervision and excessive trust made them fail, where SpaceX shined flawlessly with reasonable regulations and a flexible supervision.

Don't cut SpaceX "fuel supply", don't destroy or interfere with the excellent job they are doing. Regulate SpaceX repercussion in the environment with flexibility, thing that a lot of time is not done well by other administration offices with millionaires companies that pollute our nation and keep doing it with impunity, we know well how, there is no secret in that.

Go SpaceX! Make the RGV community grow and feel proud to be part of this amazing future. Give us another reason to stay here serving to this amazing community.

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From: E <[REDACTED]>
Sent: Sunday, September 26, 2021 3:26 PM
To: SpaceXBocaChica
Subject: To the FAA

Space X needs a license for many more launches a year, I propose that if Space X wishes to carry out their plans they must first have 20 successful launches of the Starship and super heavy system by the year 2023. Might I add that this includes recovery of the Superheavy and the Starship successfully which if done in a year would be 5 times more than the shuttle with a fraction of the cost. This would of course be done with heavily monitoring the effects on the surrounding environment. If the 20 successful launches are met then the the year 2023, then the Starship and Superheavy system will be allowed to launch a maxim of 128 times per year which they don't have to do if it is deemed unnecessary for the Artemis program, or other space activities.

From: Chris LaRose <[REDACTED]>
Sent: Sunday, September 26, 2021 8:11 PM
To: SpaceXBocaChica

Spacex is saving the planet, and has made life multi-planetary possible.

From: Chris LaRose <[REDACTED]>
Sent: Sunday, September 26, 2021 8:08 PM
To: SpaceXBocaChica

I am very grateful for SpaceX and everything that they are doing in Boca Chica, Texas. I know that Elon Musk is doing his very best at all times to keep people safe and has great compassion for all of life on Earth. Just think how advantageous it will be for human kind, and all other species, to have many other worlds of wonder within our solar system and beyond. A New Noah's Ark for Planet , Earth, without it, even the best super computers on the planet combined can't predict asteroids or comets orbits beyond 100 years due to solar influence, planet influence and extra solar influence. Having a massive population of Humans throughout the solar system; is the only way to even have a chance to prevent, a global impact event from happening by, colonizing every asteroid in space with swarm robots technology first, then Humans. An impact event = the end of everything.

From: Joe Quittner <[REDACTED]>
Sent: Tuesday, September 28, 2021 1:59 PM
To: SpaceXBocaChica
Subject: addition to earlier comment on draft PEA for SpaceX Starship/Superheavy Program

I suggest emending the "Positive impacts raised by commenters" in S.3 to include in "Economic benefits to the regional economy" improvements to the region's treatment of protected species and habitats, to the design and execution of other development projects in the Rio Grande Valley, to the placement and use of public roads for the well-being of public areas and Boca Chica Beach, to the inclusion of the well-being of the natural environment in further development of the region, to improvements in the efficacy of local and regional airspace management and, by extension, air space management at large, to more considerate and inclusive treatment of minority and low income residents than letting them roll downhill into whatever locales are left to them, to better and more widespread recognition of the cultural importance of the various land areas regionally, to the improvement of provisions to handle and protect nearby liquified natural gas facility effectively, and to enhancement of the environment by extending the standards of SpaceX at its "Starbase" facility for its employees to the surrounding areas for their residents and, particularly, visitors.

From: Rick <[REDACTED]>
Sent: Tuesday, September 28, 2021 10:09 AM
To: SpaceXBocaChica
Cc: Rick Blom
Subject: Comment concerning SpaceX's Draft Programmatic Environmental Assessment

This comment is to the FAA concerning SpaceX's Draft Programmatic Environmental Assessment at the Spaceport in Boca Chica, Texas for its Starship and Super Heavy Booster program.

SpaceX is a vital part of this nations effort in going to space, including its Falcon 9, Falcon Heavy, Dragon, and Cargo Dragon spacecraft. It's with these spacecraft that the US through NASA is building back it's leadership role with the ISS.

As SpaceX has grown it has shown itself as a concerned company and has been proactive in many of the recommendations this Assessment put forward including rebuilding and improving part of the highway that runs past this base. There is no reason to believe that SpaceX won't be a good neighbor and a good steward of their base.

Going forward the Starship and Superheavy developmental program will significantly improve costs and reliability in the national effort in LEO, the Moon, Mars, and beyond. This one rocket has the potential to change the future for generations to come and open up exploration, mining, manufacturing and for humans to live and work elsewhere within the solar system.

Additionally, SpaceX's Spaceport in Boca, Chica is bringing much needed economic boost to the entire region. It's creating many high paying jobs including skilled and non-skilled workers. The Brownsville area is currently benefiting however the benefits to the regional community will grow with the site.

When weighed against such monumental national goals and benefits to the local community the approval of SpaceX's plan is not only appropriate, it's vital to progress and the security of this nations goals.

Please approve SpaceX's Programmatic Environmental Assessment with as little delay as possible.

Best Regards,

Richard Blom

Sent from my iPhone

From: Cory Combs <[REDACTED]>
Sent: Tuesday, September 28, 2021 12:41 PM
To: SpaceXBocaChica
Subject: Comment on FAA Draft Programmatic Environmental Assessment

Dear SpaceX Team,

As someone with a background in both the environmental and aerospace industry, I wish to express my strong support for full approval by the FAA of launch operations out of SpaceX's new Boca Chica/Starbase facility.

SpaceX's environmental impact is marginal from a global emissions perspective and as regards both local emissions and local wildlife impact. In fact, SpaceX's launch activities are likely to have a strongly positive net impact on the environment by virtue of enabling significantly reduced launch costs for satellites. This should not only greatly reduce the launch cost of satellites that monitor our environment, but high payload capabilities at low cost should also enable new earth monitoring constellations of satellites. These satellites have proven instrumental to monitoring ecosystems and impacts to wildlife and are likely to play a larger role moving forward. Although local bird species and other impacts are important (and appear to be minimal upon my examination of SpaceX operations and the FAA draft assessment), there is little that could be more important to safeguarding threatened species in Texas and globally than maintaining and enhancing space-based monitoring. Further, launches from large rockets such as Super Heavy are far more efficient at bringing mass to orbit, and would require a greater number of launches of smaller rockets like Falcon 9. In this way the change towards launching Starship from Boca Chica versus the original plans to launch Falcon 9 would in fact decrease the total number of launches required for a given payload mass, thereby reducing frequency of impacts.

It is clear in this case that net environmental, societal, and aerospace industry impact to Texas and the US as a whole will be highly positive. I thus strongly support the FAA certifying that there is no significant impact for the environmental assessment and approving SpaceX's launch license in Boca Chica.

Best,

Cory Combs

From: Ron Lipinski <[REDACTED]>
Sent: Tuesday, September 28, 2021 2:21 PM
To: SpaceXBocaChica
Subject: Comment on SpaceX PEA

Dear Ms. Zee,

I read the Draft Programmatic Environmental Assessment (PEA) for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas. I found it to be quite thorough in its assessment. While I recognize that any endeavor has environmental impacts, the PEA calculates that most of the impacts for the Proposed Action are not significant. For the remaining impacts, the PEA identifies specific mitigation actions that will reduce the impacts below the significant level. The remoteness of the launch site helps considerably in achieving this result.

The small and insignificant environmental cost of the adverse environmental impacts are far outweighed by the benefits that the Program will bring to the local area economy, the United States security and economy, and humanity's future. The Starship and Super Heavy Launch Vehicle being developed by the Program will expand the U.S. capability to launch the large space assets that are so crucial to U.S. defense; it also will grant the U.S. and all of humanity unprecedented access to space and space resources. For these reasons, I personally have no objection to the Proposed Action, and I fully support it.

Cordially yours,

Dr. Ronald J. Lipinski
[REDACTED]

From: Brian Frankie <[REDACTED]>
Sent: Tuesday, September 28, 2021 9:22 AM
To: SpaceXBocaChica
Cc: [REDACTED]
Subject: Comment on SpaceX Starship/Super Heavy draft PEA

Ms. Zee:

Thank you to the FAA for publishing the Draft Programmatic Environmental Assessment for the SpaceX Starship/Super-Heavy launch program in Boca Chica, Texas. I think the FAA did a very creditable job with this document. And a thorough job - it is quite long!

My name is Brian Frankie. I am an engineer by training, with experience in oil and gas developments. I have no affiliation with SpaceX, other than as a Houston, TX citizen who follows their developments.

I support the FAA proposed action to issue the required permits for SpaceX development and operations at Boca Chica, as described in Section 2.1. The No Action Alternative described in Section 2.2 is not a suitable alternative, and would effectively prevent development of the important Starship/Super-Heavy system.

The environmental impacts, and mitigations described in Section 3 are in my view appropriate for the development, although a bit more conservative than necessary.

I would like to take a moment to address Section 1.3 in the PEA. Everything written there is true, but I do not believe it fully captures the importance of the Starship/SH development for the United States and for the environment. Access to space is critical to helping the future of the country and supporting development in an environmentally friendly manner. How so? Instances are far too numerous to completely describe in a brief email, but consider some representative examples:

1. Communications: Satellite technology has enabled communications far faster and complete than land based systems can achieve. Think of communications to ships at sea, or planes in the air. Or simple radio or television broadcasts from far locations. These communications improve quality of life, of course, but also have a profound environmental impact. Transmitting information via satellite reduces needs for travel and physical transportation of goods and messages. It also reduces the intensity of the communications themselves, decreasing the amount of energy to send information across long distances. The Starlink development from SpaceX is greatly expanding the abilities and environmental benefits from the first generation of satellite communications.
2. Remote sensing: This technology has had profound impacts on agriculture and land use, increasing efficiency dramatically in numerous ways. The savings in greenhouse gases, and in reduction of criterion pollutants have greatly increased the ability to supply the modern world with food and goods while reducing the environmental impact of such production.
3. GPS: Consider the reduction in travel hours alone enabled by GPS, and you can start to appreciate the importance of this space based technology to the environment.

Those are three technologies that are currently helping the environment and our world with the current generation of launch vehicles. The best in class launch vehicles currently are the Falcon 9 and Falcon Heavy, which sport list price tags of \$62 MM and \$90 MM respectively, leading to costs to LEO on order of \$600 to \$1200 per pound of cargo.

The Starship/SH development looks to reduce that cost to LEO by an order of magnitude or more. This will greatly improve the existing generation of space applications (see: Starlink), and enable even greater environmental and commercial benefits. In addition, just think of the future opportunities that would be afforded to the United States if we could reduce costs of a pound of cargo to LEO to \$60 or less, and the beneficial impact that could have on the environment.

1. Power generation: Solar power orbital satellites could turn solar power from an intermittent into a baseload source. A single 1 GW solar satellite replacing a combined cycle gas plant would save on order of 2 million tonnes of greenhouse gas emissions annually, along with substantial reductions in criterion pollutants.
2. Industrial manufacturing: We really don't know what could be made in orbit, but there is no doubt a microgravity environment would help many processes. Efficient lithography, zero attenuation fiber optics, high efficiency biotechnology, and many more applications look likely to reduce the industrial burden on earth if orbital transportation costs can reach the level promised by Starship.
3. Mining and resources: Closing earth bound mines to enable recovery of rare and precious metals from space based resources would restore vast areas of earth into environmental refuges.

These are but a few of the possibilities that low cost orbital transportation may enable. The PEA and Section 1.3 deal with the practical concerns to the environment in Boca Chica. That is well and good, and SpaceX can and will develop the program in a manner that minimizes impact to the local environment. But for your consideration, I think it is an oversight to not mention in Section 1.3 the enormous potential environmental benefits that accrue from development of Starship/Super-Heavy.

Best regards,
Brian Frankie

--

Brian M. Frankie



From: N B <[REDACTED]>
Sent: Tuesday, September 28, 2021 6:06 AM
To: SpaceXBocaChica
Subject: Comments for FAA

Please agree to forward movement for Elon's work

It is vital, and timely

If a bullet point of reasons why are needed, the point has already been missed

Thank You

From: Alfred Goetz <[REDACTED]>
Sent: Tuesday, September 28, 2021 4:13 PM
To: SpaceXBocaChica
Subject: Comments on Draft Programmatic Environmental Assessment (PEA)

After reviewing the draft PEA, it appears the environmental, safety and economic impacts reviewed have been adequately addressed. Recommend the FAA follow through with its Proposed Action to issue one or more experimental permits and/or a vehicle operator license to SpaceX in a timely manner that would allow Starship/Super Heavy launches and landings at the Boca Chica facility.

Al Goetz

From: Joe Quittner <[REDACTED]>
Sent: Tuesday, September 28, 2021 1:10 PM
To: SpaceXBocaChica
Subject: correct way to assess environmental impact of spacex booster testing

In order of descending import:

1. Booster testing is vital to the future of all life on the planet and must happen somewhere.
2. Booster testing is discontinuous. It happens very briefly and repeats comparatively rarely. That is, tests may involve an hour of risk of explosion, but are separated during periods of days to weeks with every active effort to minimize danger to anything and anyone.
3. If a test should do damage to a part of the environment, living or dead, it will be only fractional and have no lasting impact. Temporary impact should not affect its legality at all.
4. I am deeply concerned about the nurture of the environment that produced me and all that makes my life gratifying, and I love Earth passionately. That means that I love the hope it brings me for ever greater joy and significance of life. Without using my home to move beyond it, my life loses the significance it has for me. Test the booster effectively, as unwastefully as possible, and make the Earth a bridge to expanding life and its conscious enjoyment inclusively of the universe.

From: Tom V <[REDACTED]>
Sent: Tuesday, September 28, 2021 11:55 AM
To: SpaceXBocaChica
Subject: Draft PEA comment

FAA officials,

Thank you for allowing public comment on the environmental impact study of the SpaceX Starship program in Boca Chica, TX.

I have read the assessment and I want to voice my support. Besides the impact mitigation efforts, in the long term having fully reusable rockets just has to be a major improvement on environmental impact by not throwing away a whole space ship after every launch.

While no human endeavour can be completely free of impact on the environment, it seems that SpaceX is trying hard to minimize that while attempting to do something very exciting and special that we may all benefit from in some way.

Thank you for your consideration.

Thomas Vaeretti
Birmingham, AL

From: Kathy & Mike Mitchell <[REDACTED]>
Sent: Tuesday, September 28, 2021 10:35 AM
To: SpaceXBocaChica
Subject: environmental assessment commentary

I understand that environmental impact assessments are both complex and important and am fully aware that some will have reasonable concerns. That being said, I want to record my full support of the SpaceX starship plans at Boca Chica. This is too important for bureaucratic or 'not in my backyard' attitudes to prevail.

Mike Mitchell

From: Joe <[REDACTED]>
Sent: Tuesday, September 28, 2021 8:37 AM
To: SpaceXBocaChica
Subject: Environmental study Please let SpaceX continue launching.

Due to SpaceX we are able to take Astronauts to the ISS. We would be dependent on Russia again if not for SpaceX. I think SpaceX should purchase the land around their launch site and therefore protect the environment. There may not be an environment to protect unless companies like SpaceX continue to get us off planet and keep the human race going. The government is also counting on them to go to the moon again. SpaceX will transfer to another country if you do not allow them as many launches as necessary to advance spaceflight.
Thank you.

Joseph Bartnick
Wainwright & co
REALTORS
Cell [REDACTED]
Fax [REDACTED]

From: Aarav Davey <[REDACTED]>
Sent: Monday, September 27, 2021 10:09 PM
To: SpaceXBocaChica
Subject: FAA environmental impact test public opinion

FAA SHOULD GIVE SPACEX LAUNCH LICENSE AS SOON AS POSSIBLE 🙏. MAKING LIFE MULTIPLANETARY IS A PRIORITY. SOME MASS EXTINCTION WILL WIPE OUT HUMANITY IF LIFE IS NOT MULTIPLANETARY. IF HUMAN RACE IS WIPED OUT, THE MOST PRECIOUS THING IN THE UNIVERSE "LIFE" WILL BE WIPED OUT. WE ARE SEARCHING LIFE ON OTHER PLANETS BUT WE ARE NOT MAKING SURE THAT THE ONLY LIFE WE KNOW "THE LIFE ON EARTH" IS SAFE. SPACEX IS WORKING ON MAKING LIFE MULTIPLANETARY. SPACEX WANTS TO MAKE A SELF SUSTAINING CITY ON MARS BY 2050. IF SPACEX CANNOT LAUNCH FROM THE USA, THEY WILL LAUNCH FROM ANOTHER COUNTRY AND IT WILL BE SUCH A SHAME FOR THE USA THAT BECAUSE OF THE FAA, THE FIRST HUMANS ON MARS ARE NOT AMERICAN.

SINCERELY YOURS,
AARAV DAVEY

Sent from [Mail](#) for Windows

From: steve dondlinger <[REDACTED]>
Sent: Tuesday, September 28, 2021 8:19 AM
To: SpaceXBocaChica
Subject: FAA

To whom it may concern:

Space X at BocaChica is one of the most exciting entities I've experienced in my life of 75 years. It is a beacon of optimism for our future. Please do all you can to allow them to continue their work.

Thank you
Steven C Dondlinger
[REDACTED]

From: [REDACTED]
Sent: Tuesday, September 28, 2021 5:55 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The US government should be supporting SpaceX for its great achievements in a relatively short time and for ushering in a new era of commercializing space and lowering the burden of entry so that NASA, the DOD, and the public sector can continue to push technology forward both in low Earth orbit, in lunar orbit, on the moon, and eventually on Mars. Unfortunately, from all appearances, the government is again slowing down commercial innovation with lots of red tape and delays. SpaceX's goals are not to become rich or to clobber the competition or to get an unfair inside advantage. Rather they are simply to work really hard, push technological boundaries, bring industry and government along with them, and make a difference for humanity by dreaming big and shooting for the stars. NASA, the FAA, the FCC, and the DOD should be applauding them and supporting them however they can. One simple way would be to put more people on the environmental review to get it done in a reasonable few month period using pragmatic approaches and come along side and help rather than hinder the great work that SpaceX is doing. SpaceX is making space cool again and motivating the next generation of engineers. Rising tide rises all boats. Thanks, Geoff Lloyd Electronics Engineer of 28 years still excited to go to work each new day to move technology forward.

From: [REDACTED]
Sent: Tuesday, September 28, 2021 5:25 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I don't live near Starbase, but I do live further up the Rio Grande valley. I fully support SpaceX's mission, and I hope they are able to continue operations as rapidly as possible.

From: [REDACTED]
Sent: Tuesday, September 28, 2021 2:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support the SpaceX license request from FAA. The NEPA review should not result in the termination of experimental rocket flights from Boca Chica. Kennedy Space Center should serve as a template for the environmental conditions attached to the SpaceX license. Under existing NEPA laws that did not exist when KSC launch facilities were developed, it is unlikely that the Kennedy Space Center and/or the Canaveral Space Force Station would have been permitted. Same for Wallops Island. KSC demonstrates how space launch activities can coexist productively with wildlife and bird sanctuaries. SpaceX should be permitted to simply utilize mitigation banks or preservation set asides in conjunction with their space activities. Win-win. Thank you! Wade Morefield

From: [REDACTED]
Sent: Tuesday, September 28, 2021 5:38 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think SpaceX is doing a great job opening up space to all. Their Starship rocket (selected by NASA) should get us to the moon and Mars! I totally support what they want to do at Boca Chica! Sincerely, Ed Blankenship

From: [REDACTED]
Sent: Tuesday, September 28, 2021 1:33 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am extremely excited at the prospect of a fully reusable Super Heavy launch system being developed in the United States of America. This brings possibilities and optimism about the future that little else does. While taking appropriate precautions (and I fully appreciate that this Environmental Assessment process is designed to do just that), I believe we should push forward as a nation with all available speed in making this the future.
Peter Overson, CPA

From: [REDACTED]
Sent: Tuesday, September 28, 2021 7:19 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hi. I don't really know what to write so I'm just going to tell you how I feel. SpaceX is inspiring lots of people to work in the space industry and has sparked the second space race. I have myself gotten inspired by SpaceX to pursue a career in spaceflight. I don't live in the US, yet SpaceX has managed to inspire me and many others. Much more than NASA, BO or anyone else. You don't need me to tell you why Boca Chica is the optimal place for the Starship program. It's a shame for the people wanting to live there in peace, shame for the beach. But I don't see a better place. Except the offshore launch platforms they are working on. SpaceX is basically carrying the entire space industry on its back and delaying it would be a massive blow. In my honest opinion, SpaceX should be allowed to continue testing Starship/Super Heavy in Boca Chica/Starbase. Much love from Finland.

From: [REDACTED]
Sent: Tuesday, September 28, 2021 1:27 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear Sirs, Knowing that projects like SpaceX Starship Super Heavy Project can bring change to an existing environment, I see the advantages of SpaceX's plans outweigh the disadvantages by far: SpaceX is not just building a rocket and making test flights, it means more than that. The development of SpaceX's Starship program could be one of the most significant steps in human evolution, because it could make life multi-planetary, create a backup of human mankind, consciousness, knowledge and even animal life. The Starship project will be a huge economical opportunity for mankind and especially for the United States of America as it opens up unprecedented possibilities in space travel, science, mining industries and more. The project is already taking shape, is very promising and progress has been made quickly. However for a project like this, funded by a private company, it is critical to be affordable. And to be affordable it is very important that the development process is progressing fluidly and takes place in the shortest period of time possible without jamming interruptions. Every day added to the development process causes costs going up. Costs going up by delays or change of location can lead to a failure of the whole project. Other nations also active in space travel will catch up, or even replicate Starship project's achievements without regulatory hurdles. Rewards could be taken away from the United States of America and from SpaceX - the ones, which took the risk and hard steps first to this point of this promising development. The CEO of SpaceX, Elon Musk, is also the CEO of Tesla. A company that significantly brings forward the world's transition to sustainable energy and does good for the environment. This should be considered as a fair compensation for the environmental changes at Boca Chica. In the area around Boca Chica Village/ Starbase could emerge a huge tourist destination which creates a lot of work and wealth for the local people living and working there.

From: [REDACTED]
Sent: Tuesday, September 28, 2021 9:04 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

FAA The SpaceX project is so far out of line with the original permit that it should be completely shut down until an updated EIS and updated NEPA compliance document can be completed. SpaceX is reckless and continuing to move forward with out any care to the damages being done to the local ecosystem. This is only a small part of the larger picture and associated damages. Closure of HWY 4 and blocking access to a public beach, state park, damaging habitat for many species for birds, night lighting that was never supposed to be there (also seriously impacting nesting and nocturnal species), fall migration could be disrupted. Please take the high road and use your enforcement abilities to shut it down until a proper evaluation can be completed. Thank You, Andy Jones
Austin, Texas [REDACTED]

From: [REDACTED]
Sent: Tuesday, September 28, 2021 11:05 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support the current goals of SpaceX and the operation in Boca Chica. The benefits to commercial and government sponsored space flight will be enormous. Furthermore it represents an inspirational revival to those of us that were galvanized into science by the landings on the moon and the Apollo program. I am aware of some impacts to the local flora and fauna by their operation, but hopefully that can be mitigated. For example the area around Kennedy space center seems to do well under similar operations. I do think SpaceX for the most part is a good corporate citizen. They have contributed greatly to the local economy with donations to schools and have provided many jobs to an otherwise impoverished area. To build a private launch capability there is no other area in the continental United States that would be more suitable for this purpose. I would urge you to grant the application. Thank you for your consideration.

From: [REDACTED]
Sent: Tuesday, September 28, 2021 9:27 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, I would like to voice my support for SpaceX and the work and development that they are pursuing in Boca Chica, Texas. I believe that the mission which they are pursuing is among the most important projects ever undertaken in the history of the human species. Despite any supposed negative environmental impacts, the long-lasting impact on the future of humanity is what is at stake. SpaceX has a long history of taking appropriate steps to mitigate any potential negative environmental impacts of their operations. As such, please approve any and all plans they propose to further their efforts to make humanity a multi-planetary species. Thank you. Daniel Beckett

From: Sven Lundblad <[REDACTED]>
Sent: Tuesday, September 28, 2021 11:58 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Hi,

Here are my comments regarding the SpaceX PEA for Boca Chica.

The importance of the Starship program to humanity, provided it is fully successful, cannot be overstated. Starship will open up completely new opportunities for American companies, entrepreneurs, science, the military and government. Where it used to be completely unthinkable to conduct business in space, it is now possible and accessible. The possibilities are unimaginable! Starship will give America and future generations a huge springboard!

It may be as if a Saturn V cost almost nothing to launch! America should do everything it can to make this possible!

The importance that Starship will have, and to some extent already has, locally for South Texas will only increase, new business opportunities and prosperity that follow.

Of course, there are risks and impacts for a program like this, but in relation to its potential, the significance of the local interventions fades.

Best Regards,
Sven Lundblad

From: [REDACTED]
Sent: Monday, September 27, 2021 9:30 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

There are many times in the history of the United States that its people have had to stand aside to progress. This involves progress in space exploration. It is my opinion being a private pilot and being involved with Boeing and spacecraft issues in the past, that SpaceX be allowed to do whatever it takes to put us on a path to another planet.... The whole idea of privatizing space flight was so what is happening at SpaceX facility in Boca chica could happen. Don't hold up the future.... Sincerely, Lary L Seibold

From: Jansky, Michael <[REDACTED]>
Sent: Tuesday, September 28, 2021 6:39 AM
To: Mary Angela Branch
Cc: SpaceXBocaChica; Martinez, Eli; Houston, Robert; Jansky, Michael
Subject: FW: SpaceX Project Citizen Comments

DEAR MS. BRANCH:

I UNDERSTAND YOU HAVE BEEN DISCUSSING THE SPACE X PROGRAM AND CURRENT DRAFT PRELIMINARY ENVIRONMENTAL ASSESSMENT WITH ONE OF MY WORKING COLLEAGES IN THE OFFICE. MR. ELI MARTINEZ HAS MADE ME AWARE THAT YOU AND HE HAVE DISCUSSED SOME CONCERNS WITH THE ACTION PROPOSED BY THE FEDERAL AVIATION ADMINISTRATION (FAA). A COPY OF YOUR COMMENTS YOU SENT TO HIM HAVE BEEN FORWARDED TO ME.

I WANT TO BE CLEAR, THE FAA IS THE LEAD FEDERAL AGENCY WHEN IT COMES TO THE IMPLEMENTATION OF THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) FOR THIS ACTION. AT THIS STAGE OF THE PROCESS THE FAA IS REQUESTING COMMENTS FROM THE PUBLIC. THE FAA IS THE PERMITTING AGENCY FOR THIS PROJECT.

ALTHOUGH WE APPRECIATE YOUR COMMENTS; AT THIS TIME WE ASK AND BELIEVE IT IS BEST THAT YOU SUBMIT YOUR COMMENTS DIRECTLY TO THE FAA. I HAVE PROVIDE A WEB LINK BELOW WHICH WILL PROVIDE YOU WITH ALL THE VITAL INFORMATION NEEDED AND WILL EXPLAIN YOUR ROLE AND PROVIDES YOU WITH THE APPROPRIATE POINT OF CONTACT WITHIN THE FAA.

https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

OUR ROLE IS TO ENSURE THE FAA CARRIES OUT THE DECISION MAKING PROCESS AND ADDRESSES ANY AGENCY INTERNAL PROGRAM CONCERNS. COMMENTS AND CONCERNS LIKE YOURS WILL BE CONSIDERED BY THE LEAD AGENCY. THE FAA WILL USE YOUR COMMENTS TO FINALIZE THE EA AND ADDRESS SUCH CONCERNS IN THE NEPA DOCUMENT. IF THERE ARE CHANGES TO THE PROCESS THEY WILL BE DISCUSSED IN THE FINAL EA.

AGAIN, THANK YOU FOR YOUR INTEREST AND PARTICIPATION IN THE NEPA DECISION MAKING PROCESS. WE ARE CERTAIN THAT THE FAA APPRECIATES YOUR INTEREST AND WILL CONSIDERS THE COMMENTS AND ANY OTHERS YOU MAY HAVE .

RESPECTFULLY,

MICHAEL JANSKY
ENVIRONMENTAL ENGINEER/NEPA SPECIALIST

[REDACTED]

e: [REDACTED]
w: [REDACTED]
m: [REDACTED]

From: Mary Angela Branch <[REDACTED]>
Sent: Monday, September 27, 2021 7:01 PM
To: Martinez, Eli <[REDACTED]>
Cc: Jansky, Michael <[REDACTED]>
Subject: Re: SpaceX Project

Thank you Eli!

Mary

Angela Jones
[REDACTED]
[REDACTED]
[REDACTED]

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***** I will NEVER ask you to wire funds or send funds to anyone. If you are contacted to wire funds, contact your agent immediately.**

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On Monday, September 27, 2021, 06:18:31 PM CDT, Martinez, Eli <[REDACTED]> wrote:

Mary,

I was told that Mr. Jansky will be working on the SpaceX project.

I have cc: him on this email so he can get back to you. Sincerely Eli Martinez

From: Mary Angela Branch <[REDACTED]>
Sent: Monday, September 27, 2021 6:09 PM
To: Martinez, Eli <[REDACTED]>
Cc: Houston, Robert <[REDACTED]>
Subject: Re: SpaceX Project

Hello Eli,

Thank you for speaking with me late Friday afternoon. I appreciate it. Here are the concerns outlined in "public friendly" rough draft that I am hoping to have addressed. I am a board member of SaveRGV, a non-profit community organization concerned with preserving the last remaining wild, unspoiled biodiversity of Eastern Cameron County. That includes the SpaceX operations and the recently released Draft PEA by the FAA. We have put together this draft in the hopes of creating public awareness during the public comment period which ends October 18, 2021.

Personally, I am at a loss in my appeals to any government oversight agency as everyone seems to be bowing down to SpaceX. In reading the draft PEA, he is planning to drill for oil, frack gas, liquefy the gas, store the gas, create a water treatment and desalination plant that will take water from the Gulf Coast Aquifer and discharge the brine into the Gulf of Mexico and surrounding wetlands, construct a power plant and more. How can this happen? The FAA does NOT have jurisdiction over refineries, water treatment plants and power plants. Plus, this facility is not just a few miles from, but STEPS from a national wildlife refuge, national historic battle site, and the counties included in the air emissions concerns are Cameron and Willacy Counties, which have the highest number of children under 18 in the State. Children are more susceptible to health problems from poor air quality.

So, to make things easy, here is a rough draft outline of what we need answered:

AN ENVIRONMENTAL IMPACT STATEMENT (EIS) IS NEEDED

- To address cumulative impacts that have yet to be recognized by the Federal Aviation Administration and SpaceX, including but not limited to proposed Liquefied Natural Gas (LNG) export terminals (Rio Grande LNG and Texas LNG) and a proposed crude upgrading, processing and export facility (Jupiter LLP) that includes marine loading berths 6 miles off shore for loading of VLCC ships (65,000dwt Panamax sized) at the Port of Brownsville.
- A launch failure analysis should be part of the Environmental Impact Statement (EIS) to assess the risks to public safety and risks to the proposed infrastructure and operations at the Port of Brownsville and off-shore.
- Auxiliary infrastructure and operations of SpaceX include a power plant, natural gas pretreatment system and liquefier, and desalination plant, and solar farm. These are not described in sufficient detail. No design plans have been provided, no identification of the source of gas for their Liquefied Natural Gas plant and power plant, pipeline information and routes, quantity of brine (i.e. recovery ratio) and identification of chemicals and quantities like copper and chlorine often used in desalination operations. Nor have possible environmental impacts individually or cumulatively have been assessed of these auxiliary infrastructures and operations. What air emission data is given is not substantiated and cannot be verified.

ALTERNATIVES

- The Federal Aviation Administration should examine more alternatives, rather than just the “all or nothing” alternatives. One of the other alternatives that should be included is moving the testing of Super Heavy to a designated large rocket testing site, such as Provo, Utah or Stennis AFB in Mississippi. The latter is where the Saturn V rocket was tested, and where the Space Launch Systems (SLS) rocket is currently being tested. Another alternative should include launching Super Heavy offshore or from Cape Canaveral.
- An analysis of the cost to benefit ratio of extraction and liquefaction of natural gas, power generation, or desalination compared to alternatives has not been demonstrated.
- The Clean Water Act, Section 404 specifies the consideration of alternatives to the proposed action of filling or dredging of wetlands. SpaceX has provided no alternatives.



INCOMPLETE PLANNING

- The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Overall, this Programmatic Environmental Assessment (PEA) is lacking the following documents as referenced in the PEA on assumption that they exist. Documents that should have been completed, and included in the Draft PEA include, but not limited to, the Anomaly Response Plan, Security Plan, Fire Mitigation and Response Plan, Applicable Site Plans, Facility Design and Lighting Plan, SpaceX Roadway Closure and Traffic Control Plan, Flight Package Safety Data, Closure Notification Plan, Speed Monitoring Plan (at construction and operations site), The Communication Process, or Plan (with the GLO, TPWD, and USFW) for Debris Removal, Spill, Prevention, Control, and Countermeasures (SPCC) Plan, Mitigation Plans for identified filling or destruction of wetlands, Stormwater Pollution Prevention Plan (SWPPP), Safety Risk Analysis (missing from Draft EA), Hazard Risk Analysis (missing from Draft EA), Identification of the emergency response team (are public resources used, if so what is the cost to Cameron County?), the Letter of Agreement which outlines procedures and responsibilities applicable to operations including notification of launch activity; communication procedures prior to, during, and after a launch; planning for contingencies/emergencies; National Oceanic and Atmospheric Administration issuance; and any other measures necessary to protect public health and safety.
- Lacking the creation or updates to the aforementioned plans, the prevention, response, or mitigation to impacts cannot adequately be determined. Consequently, SpaceX has not demonstrated that they are minimizing impacts and identifying best practices in responses to unintended events.

ENVIRONMENT & WILDLIFE

- For all the many environmental impacts from the expanded SpaceX construction & operations, there is essentially no real mitigation, this is unacceptable. The SpaceX site is surrounded by critically important and sensitive habitat for many declining wildlife species including federally endangered and threatened species. These conservation areas are home to some of the country's most diverse communities of wind tidal flats, mid-delta thorn forest, and mid-valley riparian woodlands that support rare, endangered, and threatened species, making it critically important to ensure impacts to these natural resources are minimized and mitigated. This habitat has been identified by the Environmental Protection Agency as an aquatic resource of national importance.
- SpaceX construction and launch activities have caused a large increase in vehicle traffic that has led to wildlife mortality. SpaceX has not identified mitigation measures other than encouraging employees to adhere to speed limits. Comprehensive mitigation measures are needed.
- SpaceX's view that the affected area is negligible compared to the overall habitat available in the Lower Rio Grande Valley is not an accurate assessment of the region of influence. There is only 2-5% of native habitat remaining in the RGV. Taking into account the species and remaining native habitat in the region of influence, any area affected is significant.
- Construction is anticipated to permanently fill 17.16 acres of wetlands, and the filling of 25.8 acres of floodplain. No alternatives or mitigation has been provided by SpaceX. Applicants wanting to fill wetlands are required to be "wetland-dependent," meaning that the project requires proximity to wetlands. SpaceX is not wetland dependent. SpaceX's proposal to fill in wetlands should be denied.
- The Draft Programmatic Environmental Assessment mentions that noise and shock waves (far-field overpressure) may break windows on SPI and Port Isabel. If that can happen 5 miles away from the launch site, what will be the effects on birds, reptiles & small mammals that are a half mile or less from the launch site? The launch site is surrounded by national wildlife refuge and state park land.

PUBLIC IMPACTS

- The public is being increasingly denied access to the Refuge, State Park, and Boca Chica beach. Closing Boca Chica beach is an environmental justice issue. For many low income and Hispanic residents of Brownsville, Boca Chica is "their" beach, as it is free, easily accessible, and closer than the beaches on South Padre Island. No mitigation on public impacts have been identified.

FEDERAL AVIATION ADMINISTRATION OVERSIGHT & ENFORCEMENT

- The Federal Aviation Administration needs to track the closure hours and enforce their limit. First, SpaceX was allowed to close access for up to 180 hours a year, which was greatly surpassed in 2019, 2020, and 2021, with no consequences whatsoever. Then the Federal Aviation Administration allowed 300 hours, and now it is proposing 500 hours, plus 300 hours for retrieving explosion debris.
- Plans referenced in the Draft Programmatic Environmental Assessment are filled with phrases like “to the extent practicable” which makes it meaningless and unenforceable such as found in the lighting plan. SpaceX is already putting a huge amount of nighttime light into the surrounding natural environment, is already contravening its 2014 lighting plan, and with expansion will further light up the area. This is incompatible with the adjacent national wildlife refuge.
- The National Environmental Policy Act is very clear that project construction cannot begin (“irretrievable and irreversible commitment of resources”) until the environmental review is done. SpaceX has been violating this by building ahead anyway, the most egregious example being the 450 foot integration tower.
- A tiered review process has been occurring since 2014 Environmental Impact Statement (EIS) which consisted of Falcon operations. SpaceX has described their new infrastructure, and operations for their Starship/Super Heavy program. The Federal Aviation Administration should require and enforce SpaceX to provide comprehensive design plans and details of all of their operations and analyze them in a new Environmental Impact Statement (EIS).

Thank you and I look forward to your timely responses.

Mary Angela Branch

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

On Friday, September 24, 2021, 08:02:25 PM CDT, Martinez, Eli <[REDACTED]> wrote:

Marie,

Thank you for calling me regarding the SpaceX Project. I understand your concerns regarding Super Heavy launch operations. Please send us your questions and concerns and I will get someone that knows about the project to address your concerns. Sincerely. Eli

Eli Martinez

Office of Communities, Tribes and Environmental Assessment

U.S. Environmental Protection Agency

1201 Elm Street, Suite 500 (ORACN)

Dallas, Texas 75270-2102

Marie Branch

Phone: [REDACTED]

Email: [REDACTED]

From: Rex Roper <[REDACTED]>
Sent: Tuesday, September 28, 2021 5:22 PM
To: SpaceXBocaChica
Subject: Human Progression






I was 9 years old when Human Beings traveled away from planet Earth. I watched the events unfold on television with uncontained excitement. Seeing SpaceX progress humanity at such a rapid rate has brought back that same level of excitement...and hope for the progression of Human Knowledge and Exploration. In my opinion it should not have taken 53 years to get where SpaceX is today. It would make absolutely no sense to slow down now. I support SpaceX at Boca Chica.

Rex Roper
President
Systems & Supplies, Inc.

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From: Soy Sebastian <[REDACTED]>
Sent: Tuesday, September 28, 2021 7:24 AM
To: SpaceXBocaChica
Subject: I'm supporting SpaceX

I am in support of SpaceX

--
 **Octavio Sebastian**
Oaxaca Gold
[REDACTED]
   



Create your own [email signature](#)

From: Batts, Shauna
Sent: Tuesday, September 28, 2021 8:47 AM
To: SpaceXBocaChica
Subject: mail
Attachments: SPACEX.pdf

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]

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0400 1002 0556 8799 4217 62

Hello, Ms. Stacey Zee,

My name is Lucy Turner. I am a small business owner and environmental activist. I have been following the actions taken by SpaceX and their CEO Elon Musk for the past few months, and as a result I feel compelled to write. I am writing to submit my comments and concerns about the SpaceX operations that is planned to take place in Boca Chica, Texas.

The first thing I am concerned about is a variety of environmental effects as a result of launching a rocket on top of a body of water. Loud noises from regular ships with motor propellers have been known to cause massive harm to fish and other wildlife that lives in the water, including endangered or threatened species like whales and sharks¹.

All other aspects aside, the simple act of launching this rocket will cause massive sound waves that will not only distress and harm local land animal communities, as well as human communities, but will harm marine species the most. Sound travels faster in water than it does in air, so this level of noise pollution can damage the brains and organs of many animals, or even frighten them so much that they surface too quickly, causing nitrogen bubbles to form in their blood and cause an embolism².

The stranding and death of dolphins and whales, for instance, is common during practices of oil rigging, shipping, and even naval sonar usage³. Many fish, birds, mammals, and other animals die as a result of these loud and sudden sounds, of which few are necessary.

The human ear starts to experience pain at 120 decibels. This is about the same level in which whales will start to avoid sounds⁴. Humans start to experience hearing loss at about 90 decibels. The launch of a rocket produces about 180 decibels of sound⁵, which can be up to 60 decibels higher when converted into water, which this rocket will be directly on top of.

The massive impact this will cause to marine life is unnecessary. There is no legitimate reason for the launching of these rockets. There is nothing in space that should take precedent over the lives and well being of living creatures walking on our planet.

1 <https://www.nationalgeographic.org/en/ynlmpshhnoise-pollution/>

2 <https://www.iucn.org/content/keeping-whales-safe-sound>

3 <https://www.oceanic.org/en/om-work/ocean-impact/04/04/underwater-noise/underwater-noise-consequences/>

4 <http://www.oceanmammalinst.org/2pnch-lfa-zedress.htm>

5 <https://www.nasa.gov/feature/nasa-service-module-testing-sounds-01/>

On top of noise issues, we also have the issues of fuel usage. The Falcon Heavy spacecraft when it was launched 3 times used 906,000 lbs (411,000 kg) of fuel each trip, while the Saturn V, which some SpaceX ships try to mimic, burned 4,578,000 pounds (2,077,000 kg) of fuel⁶.

"This means that each launch of a spacecraft uses more fuel than 289 to 1459 cars do in a whole year". And this is being done at the absolutely worst time! We are suffering from a massive climate crisis, as the world is warming at an alarming rate, and the experts all agree that we should be doing what we can to reduce the consumption of fossil fuels as much as we can". If we do not comply with reducing carbon emissions, we will have to deal with melting ice caps, higher sea levels, stronger storms, climate refugees, higher rates of disease, reduced crop yields, untold levels of death and property destruction, and far more.

And that is just the potential climate effects, other issues of launching rockets include pollution of the parts of rockets, combustion damage to the nearby nature reserve, gas leakage into the ocean, and far more.

On top of this, Elon Musk is well known to ignore FAA demands and warnings, and do what he likes regardless. He does not care about the repercussions of his actions, and his apathy can cause widespread harm.

Launching rockets provide literally no benefit to humanity, and definitely no benefit that can be outweighed by the harms mentioned above. They have no proven benefit to local economies, and will likely harm the productivity of surrounding economies through noise pollution, reduced fishing yields, and residents moving out of the area due to the noise and other issues.

There is also zero benefit to commercial space transportation. Commercial space transportation WILL NOT benefit humanity or benefit nature, and will only work to harm them both through the issues mentioned above. None of the impacts of commercial space travel outweigh the massive harm done to the environment and to people.

This will also not create enough jobs to matter. Especially when the jobs are unnecessary and ultimately harms the planet and the life on it. Job creation is meant to help people to make money in a capitalist system to help them afford goods and services such as food, transportation, and a place to live. But the job itself should not be antithetical to the sustainability of the job market as a whole.

6 <https://www.sciencealert.com/video-shows-how-we-could-see-propellant-use-if-space-rockets-were-transparent>

7 <https://www.epa.gov/epa/legislation/legislation-reducing-greenhouse-gas-emissions-terrestrial-passenger-vehicle>

8 <https://www.ppr.ca/5c13/>

When the impacts of the job work to harm the environment, speed up climate change, and ultimately eliminate the ability of many people to live, let alone work, then one must ethically choose the more moral choice.

Deny SpaceX a license to launch and demand that they bulldoze down what they illegally built on the site. Elon Musk has lied to the FAA multiple times. They have went behind the FAA's back multiple times. On top of the environmental effects, you should not grant a license to someone who engages in insubordination and is apathetic to the morals and implications of this actions.

Thank you for reading this,

Lucy Turner.

From: Han Nguyen <[REDACTED]>
Sent: Tuesday, September 28, 2021 3:54 AM
To: SpaceXBocaChica
Subject: Please support SpaceX

Dear FAA,

I'm just a big fan of SpaceX because of the beautiful work that they are currently pursuing right now to make humans a multiplanetary species. I do not live in Boca Chica to make any judgments for the environmental impacts, but I write this letter to support SpaceX.

Please consider making fast tracks to approve this for the company. Competition is on the rise and in fastest paces that we can never imagine like before. It needs the US government to really support and nurture private sectors like SpaceX to fend off competitions from other nations to secure the best interests for the American people.

Thanks for reading through my support email

Best regards



Han Nguyen Dinh
Head of Quality Assurance

Sentifi - Better investments with collective intelligence

E:

| M:

From: Rey Viqueira <[REDACTED]>
Sent: Tuesday, September 28, 2021 9:41 AM
To: SpaceXBocaChica
Subject: Pro SpaceX

I fully support SpaceX and their endeavor to launch Starship as many times as they deem necessary. This is very important to keep ahead of other countries and expand our economy.

Thank You
Rey Viqueira

From: Bill Allison <[REDACTED]>
Sent: Tuesday, September 28, 2021 6:29 PM
To: SpaceXBocaChica
Subject: Public Comment on Draft Environmental Review of SpaceX Starship/Super Heavy Program

Greetings FAA,

Please do everything in your power to enable SpaceX to continue to test their rockets in Boca Chica Texas!

Do no encumber or otherwise slow down SpaceX's pursuits! The more rocket launches from Boca Chica, the better!

Kind Regards,

Bill Allison

Kirkland Washington

Draft Programmatic Environmental Assessment Public Review and Comment Period Please submit comments by October 18, 2021. Comments should be mailed to Ms. Stacey Zee, SpaceX PEA, c/o ICF, 9300 Lee Highway, Fairfax, VA 22031 **Comments may also be submitted by email to [REDACTED]**

From: Rick Harty <[REDACTED]>
Sent: Tuesday, September 28, 2021 7:36 AM
To: SpaceXBocaChica
Subject: Public Comment to draft PEA for SpaceX use of Boca Chica launch site

Ms Stacey Molinich Zee
Environmental Protection Specialist
Federal Aviation Administration
800 Independence Avenue SW, Suite 325
Washington, DC 20591
[REDACTED]
[REDACTED]

Dear Ms Zee:

I support the approval of the SpaceX Starship orbital launch permit for Boca Chica, Texas.

Please consider the following additional positive impacts:

Development of strategic capabilities

The Starship program is currently being evaluated for its potential to support US Department of Defense capabilities to protect the United States from its adversaries.

Development of world leading-edge technology

The Starship program is the most advanced launch system in development in the entire world. It far surpasses launch system developments occurring in China, Russia, EU, Japan, and India. The United States benefits from this leadership position in areas such as defense, business, and scientific exploration.

Development of inter-planetary and deep-space capabilities

The Starship program is a leader in the development of inter-planetary and deep-space capabilities. The Starship will far surpass capabilities of other countries.

One of few locations available for development of spaceports needed by the United States

The land being developed in the Boca Chica area for a spaceport was selected as one of the few areas that can facilitate orbital launches. There are very few places in the United States that can support such an effort. The alternative places will likely have similar impacts on the nearby environment.

Spaceports can have positive impacts on nearby wildlife

By restricting access to nearby sensitive natural areas, spaceports have shown that they can be a good alternative to other types of use or development.

Thank you

Rick Harty

From: Robert Oakwood <[REDACTED]>
Sent: Tuesday, September 28, 2021 12:22 PM
To: SpaceXBocaChica
Subject: public comments on Boca Chica Launch Site

To the FAA: I have read the draft PEA, including the appendices, and have the following comments:

1. I recommend that the FAA gives SpaceX approval to operate Starbase aka Boca Chica Launch Site in Cameron County TX, as well as approval to test Starship / Super Heavy.
2. I recommend that as SpaceX matures in testing Starship / Super Heavy and building out Starbase, that the FAA approve Starship and Starbase for continued operations.
3. I reached my recommendations for 1. and 2. after careful consideration of the benefits and costs and determining that the benefits far outweigh the costs. While I regret that SpaceX will negatively affect some humans, plants, and animals, I believe and expect that SpaceX will take prudent measures to reduce and mitigate those effects.
4. Thank you for making a summary and even executive summary. The draft PEA and its appendices are long, and I found the summaries very helpful.

Very Respectfully,
Robert Oakwood
Cincinnati, OH

From: Mary Angela Branch <[REDACTED]>
Sent: Tuesday, September 28, 2021 11:10 AM
To: Jansky, Michael
Cc: SpaceXBocaChica; Martinez, Eli; Houston, Robert
Subject: Re: SpaceX Project Citizen Comments

Mr. Jansky,

Thank you so much for your prompt reply. In reading through your response, I am wondering if the EPA will submit a comment to FAA on this Draft as a cooperating agency, or will you wait until the Final EA is out and review it for consistency with NEPA policy and then address any issues you may have? Or, does EPA allow FAA to make changes, re-evaluations, approvals that may be inconsistent or in violation of NEPA policy with regards to SpaceX only, or in general? I apologize, but perhaps I do not understand fully understand EPA's roll in the oversight of this project, if any.

Thank you and I appreciate your patience.

A concerned citizen,

Mary Angela Branch

Angela Jones
[REDACTED]
[REDACTED]
[REDACTED]

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***** I will NEVER ask you to wire funds or send funds to anyone. If you are contacted to wire funds, contact your agent immediately.**

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On Tuesday, September 28, 2021, 08:39:20 AM CDT, Jansky, Michael <[REDACTED]> wrote:

DEAR MS. BRANCH:

I UNDERSTAND YOU HAVE BEEN DISCUSSING THE SPACE X PROGRAM AND CURRENT DRAFT PRELIMINARY ENVIRONMENTAL ASSESSMENT WITH ONE OF MY WORKING COLLEAGES IN THE OFFICE. MR. ELI MARTINEZ HAS MADE ME AWARE THAT YOU AND HE HAVE DISCUSSED SOME CONCERNS WITH THE ACTION PROPOSED BY THE

FEDERAL AVIATION ADMINISTRATION (FAA). A COPY OF YOUR COMMENTS YOU SENT TO HIM HAVE BEEN FORWARDED TO ME.

I WANT TO BE CLEAR, THE FAA IS THE LEAD FEDERAL AGENCY WHEN IT COMES TO THE IMPLEMENTATION OF THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) FOR THIS ACTION. AT THIS STAGE OF THE PROCESS THE FAA IS REQUESTING COMMENTS FROM THE PUBLIC. THE FAA IS THE PERMITTING AGENCY FOR THIS PROJECT.

ALTHOUGH WE APPRECIATE YOUR COMMENTS; AT THIS TIME WE ASK AND BELIEVE IT IS BEST THAT YOU SUBMIT YOUR COMMENTS DIRECTLY TO THE FAA. I HAVE PROVIDE A WEB LINK BELOW WHICH WILL PROVIDE YOU WITH ALL THE VITAL INFORMATION NEEDED AND WILL EXPLAIN YOUR ROLE AND PROVIDES YOU WITH THE APPROPRIATE POINT OF CONTACT WITHIN THE FAA.

https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

OUR ROLE IS TO ENSURE THE FAA CARRIES OUT THE DECISION MAKING PROCESS AND ADDRESSES ANY AGENCY INTERNAL PROGRAM CONCERNS. COMMENTS AND CONCERNS LIKE YOURS WILL BE CONSIDERED BY THE LEAD AGENCY. THE FAA WILL USE YOUR COMMENTS TO FINALIZE THE EA AND ADDRESS SUCH CONCERNS IN THE NEPA DOCUMENT. IF THERE ARE CHANGES TO THE PROCESS THEY WILL BE DISCUSSED IN THE FINAL EA.

AGAIN, THANK YOU FOR YOUR INTEREST AND PARTICIPATION IN THE NEPA DECISION MAKING PROCESS. WE ARE CERTAIN THAT THE FAA APPRECIATES YOUR INTEREST AND WILL CONSIDERS THE COMMENTS AND ANY OTHERS YOU MAY HAVE .

RESPECTFULLY,

MICHAEL JANSKY

ENVIRONMENTAL ENGONEER/NEPA SPECIALIST

Mail Code: ORACN

USEPA - REGION 6

1201 ELM STREET, SUITE 500

DALLAS, TEXAS 75270

e: [REDACTED]

w: [REDACTED]

m: [REDACTED]

From: Mary Angela Branch <[REDACTED]>
Sent: Monday, September 27, 2021 7:01 PM
To: Martinez, Eli <[REDACTED]>
Cc: Jansky, Michael <[REDACTED]>
Subject: Re: SpaceX Project

Thank you Eli!

Mary

Angela Jones

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**** No e-mails sent or received shall constitute a legally binding contract unless and until a contract is written and signed by all parties.**

***** I will NEVER ask you to wire funds or send funds to anyone. If you are contacted to wire funds, contact your agent immediately.**

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On Monday, September 27, 2021, 06:18:31 PM CDT, Martinez, Eli <[REDACTED]> wrote:

Mary,

I was told that Mr. Jansky will be working on the SpaceX project.

I have cc: him on this email so he can get back to you. Sincerely Eli Martinez

From: Mary Angela Branch <[REDACTED]>
Sent: Monday, September 27, 2021 6:09 PM
To: Martinez, Eli <[REDACTED]>
Cc: Houston, Robert <[REDACTED]>
Subject: Re: SpaceX Project

Hello Eli,

Thank you for speaking with me late Friday afternoon. I appreciate it. Here are the concerns outlined in "public friendly" rough draft that I am hoping to have addressed. I am a board member of SaveRGV, a non-profit community organization concerned with preserving the last remaining wild, unspoiled biodiversity of Eastern Cameron County. That includes the SpaceX operations and the recently released Draft PEA by the FAA. We have put together this draft in the hopes of creating public awareness during the public comment period which ends October 18, 2021.

Personally, I am at a loss in my appeals to any government oversight agency as everyone seems to be bowing down to SpaceX. In reading the draft PEA, he is planning to drill for oil, frack gas, liquefy the gas, store the gas, create a water treatment and desalination plant that will take water from the Gulf Coast Aquifer and discharge the brine into the Gulf of Mexico and surrounding wetlands, construct a power plant and more. How can this happen? The FAA does NOT have jurisdiction over

refineries, water treatment plants and power plants. Plus, this facility is not just a few miles from, but STEPS from a national wildlife refuge, national historic battle site, and the counties included in the air emissions concerns are Cameron and Willacy Counties, which have the highest number of children under 18 in the State. Children are more susceptible to health problems from poor air quality.

So, to make things easy, here is a rough draft outline of what we need answered:

AN ENVIRONMENTAL IMPACT STATEMENT (EIS) IS NEEDED

- To address cumulative impacts that have yet to be recognized by the Federal Aviation Administration and SpaceX, including but not limited to proposed Liquefied Natural Gas (LNG) export terminals (Rio Grande LNG and Texas LNG) and a proposed crude upgrading, processing and export facility (Jupiter LLP) that includes marine loading berths 6 miles off shore for loading of VLCC ships (65,000dwt Panamax sized) at the Port of Brownsville.
- A launch failure analysis should be part of the Environmental Impact Statement (EIS) to assess the risks to public safety and risks to the proposed infrastructure and operations at the Port of Brownsville and off-shore.
- Auxiliary infrastructure and operations of SpaceX include a power plant, natural gas pretreatment system and liquefier, and desalination plant, and solar farm. These are not described in sufficient detail. No design plans have been provided, no identification of the source of gas for their Liquefied Natural Gas plant and power plant, pipeline information and routes, quantity of brine (i.e. recovery ratio) and identification of chemicals and quantities like copper and chlorine often used in desalination operations. Nor have possible environmental impacts individually or cumulatively have been assessed of these auxiliary infrastructures and operations. What air emission data is given is not substantiated and cannot be verified.

ALTERNATIVES

- The Federal Aviation Administration should examine more alternatives, rather than just the “all or nothing” alternatives. One of the other alternatives that should be included is moving the testing of Super Heavy to a designated large rocket testing site, such as Provo, Utah or Stennis AFB in Mississippi. The latter is where the Saturn V rocket was tested, and where the Space Launch Systems (SLS) rocket is currently being tested. Another alternative should include launching Super Heavy offshore or from Cape Canaveral.
- An analysis of the cost to benefit ratio of extraction and liquefaction of natural gas, power generation, or desalination compared to alternatives has not been demonstrated.
- The Clean Water Act, Section 404 specifies the consideration of alternatives to the proposed action of filling or dredging of wetlands. SpaceX has provided no alternatives.



INCOMPLETE PLANNING

- The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Overall, this Programmatic Environmental Assessment (PEA) is lacking the following documents as referenced in the PEA on assumption that they exist. Documents that should have been completed, and included in the Draft PEA include, but not limited to, the Anomaly Response Plan, Security Plan, Fire Mitigation and Response Plan, Applicable Site Plans, Facility Design and Lighting Plan, SpaceX Roadway Closure and Traffic Control Plan, Flight Package Safety Data, Closure Notification Plan, Speed Monitoring Plan (at construction and operations site), The Communication Process, or Plan (with the GLO, TPWD, and USFW) for Debris Removal, Spill, Prevention, Control, and Countermeasures (SPCC) Plan, Mitigation Plans for identified filling or destruction of wetlands, Stormwater Pollution Prevention Plan (SWPPP), Safety Risk Analysis (missing from Draft EA), Hazard Risk Analysis (missing from Draft EA), Identification of the emergency response team (are public resources used, if so what is the cost to Cameron County?), the Letter of Agreement which outlines procedures and responsibilities applicable to operations including notification of launch activity; communication procedures prior to, during, and after a launch; planning for contingencies/emergencies; National Oceanic and Atmospheric Administration issuance; and any other measures necessary to protect public health and safety.
- Lacking the creation or updates to the aforementioned plans, the prevention, response, or mitigation to impacts cannot adequately be determined. Consequently, SpaceX has not demonstrated that they are minimizing impacts and identifying best practices in responses to unintended events.

ENVIRONMENT & WILDLIFE

- For all the many environmental impacts from the expanded SpaceX construction & operations, there is essentially no real mitigation, this is unacceptable. The SpaceX site is surrounded by critically important and sensitive habitat for many declining wildlife species including federally endangered and threatened species. These conservation areas are home to some of the country's most diverse communities of wind tidal flats, mid-delta thorn forest, and mid-valley riparian woodlands that support rare, endangered, and threatened species, making it critically important to ensure impacts to these natural resources are minimized and mitigated. This habitat has been identified by the Environmental Protection Agency as an aquatic resource of national importance.
- SpaceX construction and launch activities have caused a large increase in vehicle traffic that has led to wildlife mortality. SpaceX has not identified mitigation measures other than encouraging employees to adhere to speed limits. Comprehensive mitigation measures are needed.
- SpaceX's view that the affected area is negligible compared to the overall habitat available in the Lower Rio Grande Valley is not an accurate assessment of the region of influence. There is only 2-5% of native habitat remaining in the RGV. Taking into account the species and remaining native habitat in the region of influence, any area affected is significant.
- Construction is anticipated to permanently fill 17.16 acres of wetlands, and the filling of 25.8 acres of floodplain. No alternatives or mitigation has been provided by SpaceX. Applicants wanting to fill wetlands are required to be "wetland-dependent," meaning that the project requires proximity to wetlands. SpaceX is not wetland dependent. SpaceX's proposal to fill in wetlands should be denied.
- The Draft Programmatic Environmental Assessment mentions that noise and shock waves (far-field overpressure) may break windows on SPI and Port Isabel. If that can happen 5 miles away from the launch site, what will be the effects on birds, reptiles & small mammals that are a half mile or less from the launch site? The launch site is surrounded by national wildlife refuge and state park land.

PUBLIC IMPACTS

- The public is being increasingly denied access to the Refuge, State Park, and Boca Chica beach. Closing Boca Chica beach is an environmental justice issue. For many low income and Hispanic residents of Brownsville, Boca Chica is "their" beach, as it is free, easily accessible, and closer than the beaches on South Padre Island. No mitigation on public impacts have been identified.

FEDERAL AVIATION ADMINISTRATION OVERSIGHT & ENFORCEMENT

- The Federal Aviation Administration needs to track the closure hours and enforce their limit. First, SpaceX was allowed to close access for up to 180 hours a year, which was greatly surpassed in 2019, 2020, and 2021, with no consequences whatsoever. Then the Federal Aviation Administration allowed 300 hours, and now it is proposing 500 hours, plus 300 hours for retrieving explosion debris.
- Plans referenced in the Draft Programmatic Environmental Assessment are filled with phrases like “to the extent practicable” which makes it meaningless and unenforceable such as found in the lighting plan. SpaceX is already putting a huge amount of nighttime light into the surrounding natural environment, is already contravening its 2014 lighting plan, and with expansion will further light up the area. This is incompatible with the adjacent national wildlife refuge.
- The National Environmental Policy Act is very clear that project construction cannot begin (“irretrievable and irreversible commitment of resources”) until the environmental review is done. SpaceX has been violating this by building ahead anyway, the most egregious example being the 450 foot integration tower.
- A tiered review process has been occurring since 2014 Environmental Impact Statement (EIS) which consisted of Falcon operations. SpaceX has described their new infrastructure, and operations for their Starship/Super Heavy program. The Federal Aviation Administration should require and enforce SpaceX to provide comprehensive design plans and details of all of their operations and analyze them in a new Environmental Impact Statement (EIS).

Thank you and I look forward to your timely responses.

Mary Angela Branch

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

On Friday, September 24, 2021, 08:02:25 PM CDT, Martinez, Eli <[REDACTED]> wrote:

Marie,

Thank you for calling me regarding the SpaceX Project. I understand your concerns regarding Super Heavy launch operations. Please send us your questions and concerns and I will get someone that knows about the project to address your concerns. Sincerely. Eli

Eli Martinez

Office of Communities, Tribes and Environmental Assessment

U.S. Environmental Protection Agency

1201 Elm Street, Suite 500 (ORACN)

Dallas, Texas 75270-2102

Marie Branch

[REDACTED]

Email: [REDACTED]

From: Sara Du Bois <[REDACTED]>
Sent: Tuesday, September 28, 2021 8:50 AM
To: SpaceXBocaChica
Subject: Research Mission

Hello Ms. Zee,

My name is Sara. I am a mother of 2 and I live in Florida. The reason for my letter is to talk a little about myself and to hopefully, by the end of the letter, you can see I am sincere with my message. I love space. I love SpaceX. I am happy to be living in a time where we're having another "race to space" like we did 50 yrs ago with the Apollo crew. I have always had an infatuation with space and medicine (healing/ helping others). Science gets a bad wrap, many think you can't be a spiritual person if you believe in science. But I feel through understanding science, one understands the cosmos and what connects us to each other and the universe, and thru that understanding of science we become stronger in our faith whatever it may be. Because we see how small we really are and how much more understanding/ research is still needed to fully appreciate how beautiful this life really is. I have no further education except my h.s. diploma. But ask me anything about science, mathematics, quantum physics or anything metaphysical and I'm all over it. And if I don't know I will find an answer. Because not knowing is irritating. And it's that drive I have and feel everyday that makes my existence here. I am here for science and space medicine. I am here to learn, create and to help change the world for a better today. Continual research and better understanding of what we are is imperative for the healthy growth of humanity and the feeling of having purpose here, now. I would love an opportunity to work on the Starship launch site. I am fluent in Spanish (it's my native language.) I am invested in my energies, attention and motives. I do research on my own already why wouldn't I want to push for an opportunity to work with the only people striving to advance human civilization? I am sincere in knowing, I know nothing. But I am eager to learn and explore. I'm just asking for an opportunity to help aid. Help assist. Help. In this mission and future ones. I am ready because I understand the mission is bigger than any one person and I'm humble enough to know every job is important. I don't mind doing tough jobs, outside jobs, messy jobs because I'm working toward a universal goal of a better, safer, advanced tomorrow. A chance. An opportunity for a position among SpaceX would be a dream on Earth come true. Thank you for listening to me. Hope to hear back...

SaraVi

Sent from my iPhone

From: Michael Nerby <[REDACTED]>
Sent: Monday, September 27, 2021 10:24 PM
To: SpaceXBocaChica
Subject: Space X public comment

In full support of spacex. We should help support the mission by providing easier permitting processes, easier flight approvals, easier access to public monies to use land, transportation, and other resources, a partnership that both the private someone can benefit but also the public. I imagine a world where we can easily, safely, and cheaply go into space. To not only explore far away galaxies, to colonize other planets, to mine potential resources, but to also recreate making the stars.

From: Fred Tavan <[REDACTED]>
Sent: Tuesday, September 28, 2021 4:23 PM
To: SpaceXBocaChica
Subject: Space X to mars

Hi,
my twitter message:
Flying to mars and back is difficult enough, let's remove as many barriers as possible and let the team focus on technological advancements. Americans, don't lose the lead on this one! Any environmental impact will be offsetted by the discoveries to come.
Best regards
Fred Tavan

From: Hooman Famili <[REDACTED]>
Sent: Monday, September 27, 2021 11:27 PM
To: SpaceXBocaChica
Subject: SpaceX at Boca Chica

Hello. I am writing in support of SpaceX to allow future construction, testing and operations of Starship at Boca Chica. The development of this project is vital to our national competitiveness in the global arena. In addition it's a beacon of hope for all of mankind as we humans together try to achieve past our boundaries. Boca Chica will literally be the gateway to the stars. I hope you approve SpaceX's operations here now and in the future.

Sincerely,

Hooman Famili

Sent from [Mail](#) for Windows

From: Braden Higginbotham <[REDACTED]>
Sent: Tuesday, September 28, 2021 9:29 AM
To: SpaceXBocaChica
Subject: SpaceX FAA

My name is Braden Higginbotham and I was born and raised in Texas, specifically the Austin area, my whole life. As a kid I was always fascinated with space and to this day I still am, but humanity cannot reach the stars if you limit SpaceX from launching in Boca Chica. Without SpaceX, the US will fall behind in the space race and will have to rely on Roscosmos to get astronauts to the ISS and China will eventually get ahead of the US in space. SpaceX and the future of humanity can only move forward if you are willing to cooperate and allow them to continue with their plans.

Thank you for your time.

From: Keith Karlson <[REDACTED]>
Sent: Tuesday, September 28, 2021 6:08 PM
To: SpaceXBocaChica
Subject: SpaceX Programmatical Environmental Assessment

In support of the SpaceX Boca Chica rocket development and acceptance of their environmental harm mitigation efforts for FAA approval:

Every environmental protection effort, every hour labored, every dollar spent, to protect humankind and the living health of our civilization's future would be rendered meaningless by one single meteoric collision. The SpaceX project at Boca Chica is humankind's only real effort to undo that terrifying truth.

Although this truth should not be used to disingenuously distract from potential wanton disregard of the natural environment that the project inhabits, even a casual unbiased critique of the SpaceX organization reveals a group of people that are driven by a common goal - not financial largess, but to improve humankind's future. They work there because they deeply care. These are bright hard-working optimists and idealists, not toxic industrial product, cost-cutting, profit maximizing MBAs managing a laborforce paid to disregard the poisons they produce.

So you have a goal of making the future better, and a workforce dedicated to that, and a document produced by those people defining their efforts to mitigate the danger of making the future worse where they work. I believe that goal, and the people so passionately dedicated to that goal, should be given the benefit of the doubt, that they mean what they say and that they will work towards that goal without permanent damage to the Boca Chica environment.

Sincerely,
Keith W. Karlson

From: Saul Maravilla <[REDACTED]>
Sent: Tuesday, September 28, 2021 2:55 PM
To: SpaceXBocaChica
Subject: SpaceX Public Comment

To whom it may concern,

I am reaching out to submit a public comment in regards to SpaceX's development in Boca Chica beach. I would like to begin by saying that more weight should be placed on comments coming from local residents. Local residents have lived experience of the actual impacts of SpaceX's development in our homes. Comments from people outside of the area might be in support of space exploration, but they do not take into consideration how this actually translates to everyday life for local residents.

I am against further developments and permit issuance to SpaceX. SpaceX's presence in the Rio Grande Valley (RGV) does not benefit residents, flora or fauna. According to the Executive Summary of the Draft PEA, the proposed action "has the potential to affect a total of 18 historic properties." The RGV is a historically important region and negative effects to its historical properties will impact a community composed of over 95% Latinxs. As the Latinx community is historically marginalized, this proposed plan will contribute to the erasure of local historical knowledge and further marginalize Latinxs. For example, Elon Musk has previously proposed changing the name of Boca Chica to Starbase. This is a direct erasure of the people of that area. Additionally, SpaceX development will not positively affect the local residents in regards to socioeconomic advances. The summary states, "while the population under the poverty threshold may not directly benefit through employment and income, it may indirectly benefit as regional economic health is improved through the proposed increase in employment for commercial space exploration activity." According to the US Census 2019 American Community Survey, 25.6% of the population of Cameron County is under the poverty level. Also, 57.2% of Cameron County households make less than \$50,000 a year. Thus, over 50% of the population of Cameron County will not be directly benefited. In terms of the indirect benefits, according to TechRepublic, in March 2021 only 109 of the more than a 1,000 jobs posted on SpaceX's website were for the Brownsville location. As of March 2020, the Boca Chica facility only had around 500 employees. Five hundred employees in a county of 423,163 will not bring a significant economic benefit whatsoever. Also, on Twitter, Elon Musk encouraged people outside of the local area to fill those positions, so SpaceX is not offering better job opportunities for local residents. On Feb 26, 2021, SpaceX was also sued for hiring discrimination which was reported to the Department of Justice. Furthermore, in 2016 many residents complained about the expected changes SpaceX would bring in terms of safety. Safety issues have become a reality for residents and on June 7, 2020, a man died and his family was severely injured in a car crash due to SpaceX's negligence. Overall, SpaceX's negative impacts on the community heavily outweigh the benefits.

In regards to environmental concerns, SpaceX places many endangered species at risk. Even a small loss of their habitat could have substantial impacts on their well-being and preservation. SpaceX is located next to a national wildlife refuge and debris has been shown to have landed in the area, raising resident concern. Although there are mitigation plans to clean up debris, smaller debris might be missed and contribute to pollution of this protected land. Additionally, even small contamination from rocket fluids can be lethal to wildlife. SpaceX does not work in harmony with its environment, and its goal of space exploration does not benefit the local species.

I urge you to place more limits and stricter control on SpaceX development. I urge you to stop looking at the "negligible" loss of vegetation, "minimal impact to groundwater," unmet "exceedance" of air emissions as if they are nothing and instead ask what benefits SpaceX is actually bringing to the RGV. All the examples above were listed in your report but I could not find one benefit that justified all these "small" negative impacts. All these expected "small" impacts will accumulate as SpaceX launches more rockets and eventually these small impacts will bring large consequences. SpaceX's mission is not for the public good and will benefit only those privileged enough to buy into space exploration. As stated before, those benefiting will not be the majority low-income residents of the RGV.

Thank you for your time and consideration.

Sincerely,
Saul Maravilla



Sources:

<https://www.techrepublic.com/article/elon-musk-hiring-several-thousand-people-to-work-at-spacex-starbase-in-texas/>
<https://www.businessinsider.com/spacex-has-nearly-10000-employees-as-it-ramps-up-its-starlink-rollout-2021-3>
<https://www.npr.org/2019/09/26/764790707/spacex-squares-off-against-homeowners-near-texas-launch-facility>
<https://www.valleycentral.com/news/local-news/spacex-construction-causing-problems-for-surrounding-residents/>
<https://www.newsweek.com/family-sue-spacex-negligence-texas-crash-1587758>
<https://www.kxan.com/news/texas/public-responds-to-spacex-debris-from-sn11-still-scattered-across-boca-chica/>
<https://data.census.gov/cedsci/table?q=annual%20income%20cameron%20county%20texas&tid=ACSST1Y2019.S1901>
<https://data.census.gov/cedsci/table?q=poverty%20cameron%20county%20texas&tid=ACSST1Y2019.S1701>

From: David Rutland <[REDACTED]>
Sent: Monday, September 27, 2021 9:54 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

As someone who cares about the environmental & a space enthusiast, I see the two fields as interrelated.

I strongly support Space X's application to increase their operational allowances to enable the continued development of the Startship system.

I believe the below two issue are extremely important for our futures:

- Continued innovation and progress in commercial space transportation
- Benefits of reusable launch vehicles

I hope that the FAA approves the application while helping Space-X identify all reasonable areas they can mitigate environmental concerns.

Kind regards,

David Rutland

From: Bruno Walder <[REDACTED]>
Sent: Tuesday, September 28, 2021 3:55 PM
To: SpaceXBocaChica
Subject: this is an issue that involves whole human race

Allow space x continue with their projects, always when they keep the environment safe and they are commit with climate change, because is an issue that trascends frontiers.

Thank you very much

Bruno Walder

Spain

Enviado desde [Correo](#) para Windows

From: John K. Strickland, Jr. <[REDACTED]>
Sent: Wednesday, September 29, 2021 9:57 AM
To: SpaceXBocaChica
Subject: Arguments for using the Boca Chica Area as an orbital launch site as well as a wildlife refuge.

Arguments for using the Boca Chica Area as an orbital launch site as well as a wildlife refuge 9-29-2021

- Boca Chica has an **eastward facing coastline** which is required for launching into Low Earth Orbit (in the correct (prograde) direction), unless you want rockets landing (crashing) on land: farms, villages and cities, as some other countries do. Prograde orbits take advantage of the Earth's eastward rotation to save propellant. There are already very limited population-free areas of such eastward facing coastline, and many of them have legal restrictions on use due to ocean-front and beach locations.
- The combination of a rocket launch site with a wildlife area creates a very useful human use for the wildlife area, and thus **keeps human housing and business developments from expanding to cover the land the wildlife is using**. Lawns of grass, and areas of asphalt and houses do not provide much food diversity for wildlife except for some birds. The main threat to wildlife is NOT humans hunting wildlife, but **displacing** the wildlife from land. Launch sites prevent this from happening in the area around the launch site since no one wants to live near a launch site. If a few animals are killed occasionally by increasingly rare launch failures, the whole population of animals survives since the wild land they need to survive still exists.
- Expansion into space is critical for long term human survival and to protect the Earth itself. Operational capability in space will allow construction of a system of solar power satellites, providing clean carbon-free energy, as well as supporting possible missions to divert asteroids that could eventually hit the Earth. Heavy lift capability (over 100 tons to orbit) is required for such expansion, and the Superheavy - Starship stage combo allows heavy lift.
- We will soon need **multiple launch sites**, just as we now need multiple ports for ships. The current situation on the west coast, with dozens of ships waiting to be unloaded, is a good example of what happens with transport limitations.

John K. Strickland, Jr.
[REDACTED]



Author: **Developing Space**

From: Javier Guerra ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Wednesday, September 29, 2021 8:37 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Laguna Madre is a rare, hyper saline estuary that is home to countless species. It is quite frankly a treasure and we need to treat it as such. Please do not give in to corporate pressure, especially since really SpaceX is about providing the government space weapons (Google it). They promised the pentagon they can deliver a bomb anywhere on the planet in an hour. That's terrifying and NOT what the valley should be allowing.

I grew up my whole life fishing and exploring and appreciating SPI and we cannot let it be destroyed for one man's ego and greed.

Thank you.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Javier Guerra
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Patricia Bocanegra ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Wednesday, September 29, 2021 2:58 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

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Sincerely,

Patricia Bocanegra
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Jennifer Hall ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Wednesday, September 29, 2021 8:25 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

Please protect our natural spaces from the threats of space x! It is destroying precious habitat. We insist on an environmental impact study PRIOR to any approval

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

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Sincerely,

Jennifer Hall
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Javier Guerra ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Wednesday, September 29, 2021 8:37 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Laguna Madre is a rare, hyper saline estuary that is home to countless species. It is quite frankly a treasure and we need to treat it as such. Please do not give in to corporate pressure, especially since really SpaceX is about providing the government space weapons (Google it). They promised the pentagon they can deliver a bomb anywhere on the planet in an hour. That's terrifying and NOT what the valley should be allowing.

I grew up my whole life fishing and exploring and appreciating SPI and we cannot let it be destroyed for one man's ego and greed.

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Sincerely,

Javier Guerra
[REDACTED]
[REDACTED]
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Francisco J Salazar ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Tuesday, September 28, 2021 10:12 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

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The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Francisco J Salazar

[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Deb Copons <[REDACTED]>
Sent: Tuesday, September 28, 2021 10:27 PM
To: SpaceXBocaChica
Subject: comment on Boca Chica SpaceX facility

Here is the bottom line:

Private space programs are proven to be the best way to further the exploration of space including the expansion of the human race.

There are few locations in the US that are appropriate for orbital launches (closer to the equator for practicality, and immediately near ocean water for safety)

Nasa chose the Kennedy Space Center location for just these reasons.

SpaceX chose the Boca Chica location for the same reasons.

While local impacts will always exist with rocket launching, these impacts can be minimized at SpaceX's Starbase in the same way they have been minimized at the Kennedy Space Center.

Let the people of Earth go skyward.

FullSend

Dale Holden

From: Dan Clemmensen <[REDACTED]>
Sent: Wednesday, September 29, 2021 6:54 PM
To: SpaceXBocaChica
Subject: Comment on PEA for Boca Chica
Attachments: Comment on PEA for Boca Chica.pdf

Please accept the included PDF document as a comment on the "Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas", Dated September 2021.

Please forgive me if this is not the form you expect. I could find no description of your desired form. Please let me know if I should resubmit in a different form.

In summary:

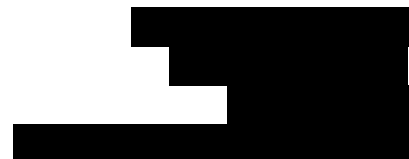
I feel that you should grant SpaceX permission to launch and otherwise use their manufacturing and launch facilities in Boca Chica, on an expedited basis, because the net benefit to the global and national environment will be very high, while the impact on the local environment will be at most minimal in the short term and will likely be positive in the longer term. Non-environmental benefits are also potentially enormous and will result in secondary environmental benefits.

My reasoning is in the included document.

Thank you

Comment on PEA for Boca Chica

29 September 2021
Daniel G. Clemmensen



Mr. Randy Repcheck
Manager, Safety Authorization Division
Federal Aviation Administration

Dear Sir:

You invited comments on "Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas", Dated September 2021.

Here are my comments. Please forgive me if they are not in the form you expect them. I could find no description of that form.

Executive Summary

I feel that you **should grant SpaceX permission to launch and otherwise use their manufacturing and launch facilities in Boca Chica, on an expedited basis**, because the net benefit to the global and national environment will be very high, while the impact on the local environment will be at most minimal in the short term and will likely be positive in the longer term. Non-environmental benefits are also potentially enormous and will result in secondary environmental benefits.

Global and national environmental benefits

If successful, the SpaceX Starship will reduce the cost of access to space dramatically: as much as a factor of a hundred by almost any measure. This level of cost reduction over a short time is almost unprecedented in human history, so it is hard to truly understand. This reduction in launch costs propagates to the costs of satellite development and operation. Until now satellites were required to be light weight and extremely reliable, to make the best use of the extremely high launch costs. My guess is that the cost of a satellite for almost any mission will be reduced by a factor of ten.

These unprecedented major cost reductions will allow dramatic improvements in environmental monitoring in frequency of monitoring, spatial resolution, and range of parameters that can be

monitored. The most obvious examples related to recent event are pinpoint identification of methane leaks and pinpoint realtime reporting of wildfires, but they include many less obvious capabilities. Each of these capabilities will benefit the whole world, including Boca Chica.

Every month that Starship is delayed is another month wasted to in implementing these capabilities.

Environmental effects in Boca Chica

The urgent need for Starship described above requires that it be developed, manufactured, and launched somewhere, and efficiency (which translates to minimization of environmental impact) favors co-location of these activities. But launch sites are highly constrained by geography, and Boca Chica is as close to ideal as can reasonably be expected. If not Boca Chica, then where? Wherever the site is located, there will be an environmental impact. While all small ecosystems are unique in some ways, it does not appear that Boca Chica is qualitatively more diverse than any realistic alternative.

The SpaceX facilities will change the environment in Boca Chica. Some of the changes (noise, debris, increased population) are likely to be detrimental in the short term. Other changes may be positive, as has happened at other launch sites such as KSC. These include the exclusion of residential development and indeed of foot traffic in a swath of land around the site. In the mid term, the environment at Boca Chica will be changing whether or not SpaceX operates there, because climate change is causing more severe hurricanes, higher temperatures, and a rise in sea level. The ecology will be forced to adapt to these changes, just as it will be forced to adapt to SpaceX operations.

In the longer term, the low-lying areas around Boca Chica will be inundated by the sea unless climate change can be mitigated, and Starship holds great promise in this endeavour.

Secondary Environmental impacts

As the Starship revolutionizes the space industry, a lot of older facilities throughout the nation and the world will be rendered uneconomic and will be repurposed or decommissioned. This may have short-term negative environmental impacts in some cases, but the overall improvement in efficiency will result in a lower global environmental footprint on a cost/benefit basis, and will likely result in a reduced absolute environmental impact. As a simple example, a single reusable steel Starship will replace multiple non-reusable launchers made of more exotic materials that cause a higher per-launcher environmental impact during manufacturing. More generally to a first approximation a hundred-fold cost reduction results in a hundred-fold reduction in environmental impact if the externalities are roughly equivalent.

Non-environmental benefits with secondary environmental effects

Radically reduced cost of access to space will change the economy in ways that are difficult to predict in detail. However at the macro level we will see the same impacts: a more efficient society will have a lower environmental impact for the same standard of living. A trivial example from the FAA perspective: all aircraft can be tracked in real time, which can result in more efficient scheduling and routing, reducing the use of jet fuel. Other obvious examples: more accurate detailed weather forecasts result in more efficient fuel use for ships and aircraft and better optimization of electrical power generation. Since I am not an expert, I cannot evaluate these examples quantitatively, nor can I list what are probably dozens of even more cost-effective possibilities.

About me

I am a retired systems architect with a lifelong interest in space and in the environment. I have been worried about anthropogenic climate change for more than twenty years. I have no financial interest in SpaceX other than as a US citizen and taxpayer. I am not a member of any group that solicited this comment, although I have been obsessively following SpaceX's progress at Boca Chica.

Thank you for your attention to this matter.

Respectfully

Daniel G. Clemmensen

From: Richard Mott <[REDACTED]>
Sent: Wednesday, September 29, 2021 8:33 AM
To: SpaceXBocaChica
Subject: FAA Draft Programmatic Environmental Assessment

I am a citizen of the United Kingdom and therefore unsure whether any contribution I make to the assessment will be counted. However, as I have strong and positive feelings about what is being attempted by SpaceX at its Boca Chica facilities, I will share them for what they are worth.

I am 70 years old and was a child in the post WW2 austerity which lasted in my country until it fully lifted in 1956. I remember the 1962 Cuban Missile Crisis, the 1968 Soviet invasion of Czechoslovakia and the spectacular achievements of the moon landing program which culminated in Apollo 11 in 1969. Throughout the Cold War the United States of America was the west's defender and bulwark against the threat of communist tyranny. Its technology and science led the world and it enabled us to share in the excitement of discovery as NASA's spacecraft ventured further into the solar system.

Humans are curious and adventurous by nature; throughout our history there have been explorers, adventurers, and yes, conquerors. What they did, intended or not, was to advance human knowledge and slowly improve the human condition. Unfortunately, we have now reached a point where our activities are impacting on Earth's natural order such that the balance of our climate has been disturbed.

By the wonder of the internet, I am able to watch events at Boca Chica on a daily basis and am very impressed by what is being attempted. It is revolutionary and I am astonished by the boldness of the program. Yes, some of it may need of modification, some elements might fail but the essential thing is to try then to learn and advance, by failures if necessary. However, it exemplifies the human spirit. I fully subscribe to the notion that our species must become multi-planetary and is most important to me that it is American knowhow and America leadership in this great new adventure. It is simply right that it be so.

I believe Mr Elon Musk and all the team at SpaceX are dedicated to their cause while fully wishing to observe, and mitigate if necessary, the effect the activities may have on the surrounding area. It is their interest to do so. It is in humanity's interest that they succeed.

I hope this project will gain the support it so richly deserves.

Thank you for your time and any consideration you give to my submission.

Richard Mott
Stafford
UK

From: Jon Wess <[REDACTED]>
Sent: Wednesday, September 29, 2021 6:14 AM
To: SpaceXBocaChica
Subject: FAA letter
Attachments: FAA Letter.PDF

Attached is a copy of our letter to SpaceX and the FAA. We have also mailed the letter to Ms.Stacey Zee at her Virginia address listed on the FAA website. Thank you SpaceX.

To the Federal Aviation Administration and SpaceX,

We as a family fully believe in Nature Conservation, Science, Human evolution and the Constitution of the United States of America, and we fully support SpaceX and their missions. Our support is with knowledge of the full circumstances surrounding SpaceX and their Starbase in Boca Chica Texas and care for the surrounding environment. Though we are residents of the Great State of Michigan, where human achievement has long been our strength, this only furthers our support.

Here in Michigan, the toll on nature from industrialism damaged much of our natural habitats over past decades. The Ford Motor Company of Detroit has been a big factor in this as well as Great Lakes Steel, US steel, General Motors, and many more. Throughout the years our state has come around to regulate those companies and together they have fixed the issues that have caused harm to the environment of Michigan.

Now we have large nature preserves along the Detroit river, many metroparks that protect the many species of animals and reptiles. The aforementioned companies have invested in these projects and changed some of the manufacturing processes that caused the harm.

When I was a little boy in elementary school I was not allowed to go outside during recess due to the pollution produced by the Ford Assembly plant in Flat Rock, MI. Most days when the Ford plant painted their vehicles and released toxic fumes that floated to my school it caused harm to my lungs since I had Asthma. This lasted for 2 years of my elementary school days. It was not fun sitting out of recess watching other kids play. However, Ford invested millions of dollars on state of the art air filtration systems and paint fume scrubbers. That allowed kids like me to live a normal childhood and especially for those that followed after me.

Fast forwarding to the present, we are faced with this reality in all aspects of our lives, to protect our planet and all species that live on it. SpaceX has the best advantage to accomplish this task both through technical advancements and environmental protection.

I fully believe that SpaceX and the advanced Starship and Super Heavy Rocket are not only mankind's best choice for human preservation, but for preservation of all species on our planet. Starship will be our first path to the next "Noah's Ark" that can save all species, not just Mankind.

Our family fully supports and believes that Elon Musk and SpaceX, with its brilliant engineers, will always have everyone's best interest at hand. We, as all of humanity, should not stop this phase of human progress for the sake of species of animals that are not native

to Texas. We cannot allow their demise of course and we believe SpaceX can and will mitigate these issues in Boca Chica in the most appropriate way possible. They have the technological knowledge, personnel, and a great leader (Elon Musk) to make the environmental concerns a top priority in their Starbase advancements. Our Nation has the greatest environmental and nature preservation agencies on this planet. Think of the impact that the TEAM of SpaceX and our environmental agencies would have *working together for human advancement...*


In summary, when humans are able to explore the solar system and survive, those endangered species also gain the ability to survive along with us. SpaceX's *Inspiration4* mission is just more proof SpaceX can help. 210 million dollars was donated to St.Jude and that is just the beginning of what SpaceX can and will do to benefit society. But to do this we must support and allow SpaceX to continue with their goals and breakthroughs they constantly achieve, for the benefit of all of Mankind. My entire family will be watching *Ship 20's* upcoming launch with *Booster 4* knowing full well it will succeed and history will be witnessed by all of us.

Thank You SpaceX and Elon Musk for showing us ALL that...

"the sky is no longer the limit and, we must push on, yes keep pushing on"

Yours Truly with Kind Regards,

- Jonathan Wesserling
 - Benjamin Wesserling
 - Logan Wesserling
 - Ruger



And Family...

- Frederick Wesserling
- Sandra Wesserling
 - James Wesserling
 - Daniel Wesserling
 - Kristy Wesserling
 - Nicole Wesserling



From: [REDACTED]
Sent: Wednesday, September 29, 2021 4:38 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX' Boca Chica Spaceport program is of vital National interest. As a taxpayer, I approve of monitoring the construction and launches but strongly disapprove of delays of ANY kind to the SpaceX effort. Work must and should be allowed to continue as rapidly as possible given that SpaceX' safety record is excellent and their attention to details exemplary. The technology being developed by SpaceX is, potentially, a guarantor of Mankind's future as an extra-planetary species. Sincerely

From: [REDACTED]
Sent: Tuesday, September 28, 2021 8:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow spaceX to launch

From: [REDACTED]
Sent: Wednesday, September 29, 2021 9:55 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The issues detailed in this article: <https://www.tpr.org/environment/2021-09-27/spacex-prepares-to-launch-largest-rocket-ever-despite-ongoing-faa-review> show that SpaceX has ignored the concerns of both locals and environmentalists regarding the substantial and permanent damage it is causing to the ecosystem of the Texas coast. What is the point of the public comment period and environmental review if the FAA is going to let SpaceX do whatever they want anyway? SpaceX has a significant track record of environmental damage, shown by the reduction of snowy plover birds, and the damage done to their beach ecosystem by noise, rocket fuel, exploded rocket parts, cars parking on delicate beach areas, as well as their unwillingness to allow environmentalists access to their own conservation areas. It is much more important to preserve our environmental and animals here on earth than to protect Elon Musk's fragile ego and dangerous space projects. This is a man who stole the name of Nikolai Tesla. Tesla's entire genius was built around free, clean energy. Elon Musk is a diamond-mine heir who has done nothing to contribute to free and clean energy. His products are made for rich people, and rely on lithium ion batteries, which are not recyclable. A clean and publicly available beach area that is home to endangered birds is worth 1 million Musks. Please ensure that strict environmental standards are applied to any work SpaceX is doing in Texas, and do not let SpaceX destroy this ecosystem or disallow access to the beach area.

From: [REDACTED]
Sent: Wednesday, September 29, 2021 4:25 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Wrap it up, time to fly. We should have been off this rock 20 years ago.

From: [REDACTED]
Sent: Wednesday, September 29, 2021 2:25 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The FAA must get out of Starship's way. Elon needs permanent expansive waivers for all future rocket development and launches at Boca Chica. The benefits to humanity of a reusable starship far outweigh any of this report's concerns..most of which would be temporary. There are few places where such a program is possible and fewer/none where it is land cost practical. If not Boca Chica then where? If not now then when? The current FAA process would have prevented the Wright Brothers first aircraft development at Kitty Hawk. It is RIDICULOUS. This is a program of global importance. Its success will have unimaginable benefits not the least of which will be LOWERING OVERALL global environmental impacts of current space provider technology and many other things. Many benefits are simply unknowable but absolutely assured such as massively lower environmental satellite launch costs. Starships impact at Boca Chica is minimal and frankly even if not, it's more important than the existence of that one environmental area. Globally turtles would thank you for permitting Starship as their habitats worldwide as well as all animal habitats will benefit unimaginably from a reusable carbon neutral and cheap science vehicle to space. This is really a choice about whether the FAA will stop human progress or whether it won't. There is no better place. There is no other opportunity. There is no other Elon. Get the hell out of his way. NOW and PERMANENTLY.

From: [REDACTED]
Sent: Wednesday, September 29, 2021 2:07 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Add my name to the list of supporters of SpaceX launch activities at the Boca Chica site. Richard Jackson West Haven, UT

From: [REDACTED]
Sent: Tuesday, September 28, 2021 11:12 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Greetings. I am writing to encourage the FAA to make a negative finding on the draft environmental report and not allow SpaceX to build, test, or launch their "starship" or "starship/super-heavy" at the Boca Chica, Texas facility. The residents, wildlife, and ecosystems around the facility can not be exposed to further operations without more damage to them. The sea turtle die-off and the wildland fire sparked from just small test mishaps have already proven that this isn't a sound choice for a space manufacturing, testing and flight facility. The facility is surrounded by delicate marshes, wetlands, and beaches, and the residents that haven't been strong-armed out of their homes will continue to be affected by ongoing operations. If something goes wrong, the effects will be multitudes of magnitude worse. The original "falcon" launch complex should not have been approved for such a sensitive area. But the original approvals were for the "Falcon" rocket, a much smaller craft, and its smaller facilities and not for what occupies the site now. It is a massive manufacturing, testing, and launch complex that has continued to grow with little care of what the FAA originally approved, or its impacts on the local residents, wildlife, or ecosystems. With SpaceX's history of ignoring environmental and regulatory impediments to its ultimate goals it seems to me that for the sake of the residents, wildlife, and local ecosystems, SpaceX should not continue with "starship" and "starship/super-heavy" research, manufacturing, testing or launch operations at the Boca Chica, Texas facility. The residents, wildlife, ecosystems, and I thank you for your consideration

From: [REDACTED]
Sent: Tuesday, September 28, 2021 9:57 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Looks good! Send it!

From: [REDACTED]
Sent: Tuesday, September 28, 2021 8:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow spaceX to launch

From: [REDACTED]
Sent: Wednesday, September 29, 2021 8:01 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am writing this email in support of the FAA's proposed action to "issue one or more experimental permits and/or a vehicle operator license(s) to SpaceX that would allow SpaceX to launch, which can include landing, Starship/Super Heavy. SpaceX's goal is to use Starship/Super Heavy for low Earth orbit, sun-synchronous orbit, geostationary transfer orbit, and interplanetary missions for cargo and humans." as defined in the Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas. As stated in the draft report the SpaceX Starship/Supper Heavy program with it's goal of developing a rapid and fully reusable, multi-mission, supper heavy class family of launch vehicles has the potential to dramatically reduce the cost of payload to Low Earth Orbit (LEO) and enable movement of significant payload to within the solar system. This capability will have a profound and substantial positive effect on the further development of space. It will enable greatly expanded operation in space at substantially lower costs to benefit of the National Aeronautics and Space Administration, Department of Defense, and an expanding number of commercial customers. These activities are already inspiring other companies such as Blue Origin and Rocket Lab to propose their own fully reusable launch systems. The combination of the SpaceX Starship/Supper Heavy vehicle and it's potential future commercial competitors have the potential to allow game changing reductions in the cost of space access allowing all kinds of new ideas an projects to be not only possible but affordable. I believe that the FAA has correctly asses that the environmental impact to the Boca Chica Launch Site in Cameron County, Texas is minimal and that approval of these experimental licenses and the eventual operational licensing based on this initial assessment and additional data gathered during experimental testing of the Starship/Supper Heavy vehicle at the Boca Chica site will have substantial benefits to the US government, the taxpayers, the local south Texas economy and all of mankind. These new systems will enable a new era of increased space exploration that will drive innovation and growth in ways that we can only speculate on now. SpaceX has a good track record of responsible operations at it's other launch sites at Vandenberg and Cape Canaveral and has so far shown the same responsible stewardship in Boca Chica while making rapid progress towards their goals. As a life long time space enthusiast and an engineer with over 20 years experience in the Aerospace industry it is projects like Starship/Supper Heavy that give me hope for the future of this county and mankind. I look forward to your final report, the issuing of experimental license(s) and the further development of this vehicle and the SpaceX Boca Chica launch site. Thank you David Case

From: [REDACTED]
Sent: Wednesday, September 29, 2021 2:26 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in full support of SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas. If we can not go to Mars and colonise Mars it will doom the human race to extinction. SpaceX needs to be able to launch Starship/Super Heavy from Boca Chica, Texas with more flights than than you all want to let them have at this time. Why do you all want to hinder this vital work?

From: [REDACTED]
Sent: Tuesday, September 28, 2021 8:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow spaceX to launch

From: [REDACTED]
Sent: Wednesday, September 29, 2021 6:57 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The Wright Brothers didn't have permission from the FAA either, that turned out fine. Don't over regulate this. Permissionless innovation is the key to growth.

From: [REDACTED]
Sent: Tuesday, September 28, 2021 8:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow spaceX to launch

From: [REDACTED]
Sent: Wednesday, September 29, 2021 10:00 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, I'm sure you'll be reading a lot of these, but I ask that you please take the time to consider what I have to say. I do not live in the Boca Chica area; I currently reside in Tulsa, Oklahoma. Just wanted to be clear on that before I begin. But that aside, I have huge concerns about the SpaceX program based on what I've read from informed sources, including concerns about the endangerment of several rare species like sea turtles and ocelots to the 3-month cleanup of debris that the wildlife refuge employees had to do after the last failed launch, to the acceleration of climate change due to the current rocket race, to the violation of the personal day to day rights of the local residents in favor of one greedy company's desire to make more money and do whatever they want without regard for others. I don't think it's fair to use federally protected lands or areas closely bordering residential areas for a private research and development enterprise that isn't weighed in upon or beneficial to the surrounding community. The local residents get no direct say in the day to day operations of SpaceX, therefore it shouldn't be allowed to function in their midst. Profits from SpaceX go to Musk and his company, not to the inhabitants of Boca Chica. And why should the local community have a road, in some cases one of the only access roads, to their homes shut down whenever it suits a private company? How is that fair to the people living and working and raising their kids in that area? How is it fair for a private company to be able to shut down an access road to the wildlife refuge and the beach in Boca Chica so it can't be accessed by local residents and the public? If Musk gets what he wants here, and the FAA, EPA, and other US organizations that could do so do not shut this program down, it will only be because money and power have won over fairness and human rights. The FAA absolutely needs to uphold its job in all this, to serve the inhabitants of our country rather than a single powerful private interest, or else it will be severely failing us all and contributing to the ongoing destruction of our earth and our species that capitalism and colonialism have already gotten well underway for the last several centuries. I urge you to do the right thing here and make a positive difference for humanity and your children's and grandchildren's generations. Please take a stand against the majority of decision making in the US, which far too often favors short-term money-hoarding for a few already horrifyingly rich people to the extreme detriment and ultimate extinction of the massive majority of us. Sincerely, Dania Hatahet, MD Tulsa, Oklahoma Sept 29, 2021

From: [REDACTED]
Sent: Wednesday, September 29, 2021 2:07 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Add my name to the list of supporters of SpaceX launch activities at the Boca Chica site. Richard Jackson [REDACTED]
[REDACTED], UT

From: Al Petrofsky <[REDACTED]>
Sent: Wednesday, September 29, 2021 12:23 PM
To: SpaceXBocaChica
Subject: Lack of notice in Federal Register of the SpaceX draft PEA

Dear Ms. Zee:

Regarding the "Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas", dated September 16, 2021, found here:

https://www.faa.gov/space/stakeholder_engagement/spacex_starship/media/Draft_PEA_for_SpaceX_Starship_Super_Heavy_at_Boca_Chica.pdf

The draft PEA says "the FAA released this draft PEA for a 30-day public review. The FAA provided public notice of the availability of the draft PEA for public review and comment in the Federal Register" (p. 6).

In recent issues of the Federal Register, I can find no such "notice of the availability of the draft PEA". Is its publication still forthcoming? If I missed it, could you please provide the volume and page number at which it was published?

Thank you in advance.

Yours truly,

Alan Petrofsky

From: Batts, Shauna
Sent: Wednesday, September 29, 2021 9:26 AM
To: SpaceXBocaChica
Subject: mail
Attachments: SPACEX.pdf

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]

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We support
George X's efforts in
Texas to make
life multiphase.
John Brown
Bar Leach
More One, come

Mr. Stacy Lee
SpaceX PEA
c/o ICF
9300 Lee Highway
Fairfax
VA 22031
U.S.A.



From: aaron weddle <[REDACTED]>
Sent: Wednesday, September 29, 2021 7:43 AM
To: SpaceXBocaChica
Subject: my support for Starship and Starbase

Hello my name is Aaron Weddle I'm a long time Believer that the future of Our entire Species is in space i'm one of millions i'm sure voicing my Support for Starship and space X. and i think That the FAA and Indeed the Federal government Should get out of the way... We are looking at probably the greatest advancements in space technology in probably the entire history of the human race. some Some habitats are Lost and people cant go to a TINY beach in the middle of nowhere..

if this gets read thank you for ur time

From: Thinuka Wijerathne <[REDACTED]>
Sent: Wednesday, September 29, 2021 10:51 AM
To: SpaceXBocaChica
Subject: Public Comment Starship/Super Heavy Booster
Attachments: Public Comment Starship PDF.pdf

Public Comment

29 September 2021

Dear FAA,

I'm from Sri Lanka and I'm here to give my message to you regarding environmental impact about "SpaceX Starship". I think Starship(SpaceX) is key to the NASA and for the America. Because China and Russia, obviously China. They are developing so fast their space programmes, Rockets and Technology. So we have to rush our progress in space programmes like we did back in Moon landing era. We definitely have to protect the reputation of the NASA and this nation. Please FAA I kindly request to give your approval to SpaceX. Then we can land on Moon sooner and to Mars. The thing is NASA didn't even has reusable rocket. If SpaceX moved to another country we will loose this space race. We should keep our American private rocket companies closely. Work together and peacefully. On the other hand lot of people say FAA's regulations are not updated. I don't know if this is true or not. As I know rockets do not do environmental damage than air planes. We all like to hear American was the first country to land on Mars. Please do not let our hopes die. Sri Lanka becoming a Chinese colony. Don't make mistakes America. Don't let them surpass you. America is my only hope for this humanity and bring peace to world. I believe this is not a political issue or someone else's hypocrisy. Godspeed America.

Yours sincerely,

Thinuka Wijerathne

From: Steve Buser <[REDACTED]>
Sent: Wednesday, September 29, 2021 9:59 AM
To: SpaceXBocaChica
Subject: Public Comment, Draft PEA, SpaceX / Boca Chica / Super heavy

Dear FAA / Reviewers,

I would like to register my support for the space flight activities of SpaceX at Boca Chica, Texas. I have been following with interest the progress of SpaceX at this location. In reviewing the FAA draft PEA, I was impressed by the overall low impact on the environment and surrounding community as well as the substantial opportunity to mitigate significant impact should it occur.

We are at a point in history where a renewed space race has developed between the U.S. and China, and to some degree Russia. SpaceX has clearly emerged as the world leader in this regard and is restoring the U.S. to the prime position to influence space activities. Their impressive and extraordinarily rapid progress at Boca Chica should be fully supported by our government and encouraged to excel further, particularly with the relatively low environmental impact.

Thank you for considering my opinion.

Sincerely,

Steven Buser, MD
Asheville, NC

From: Roger J Barnaby <[REDACTED]>
Sent: Wednesday, September 29, 2021 1:49 PM
To: SpaceXBocaChica
Cc: Roger J Barnaby
Subject: SPACE X BOCA CHICA LAUNCH SITE

Ms. Stacey Zee
SpaceX PEA
c/o ICF
9300 Lee Highway
Fairfax, VA 22031

Dear Ms. Stacey Zee,

I am in full support of the [SpaceX Starship Super Heavy Project at the Boca Chica Launch Site](#) and all the work that SpaceX is doing to propel the human race into becoming a multi-planetary species.

I understand there are many issues environmentally encompassing the Rio Grande Valley National Wildlife Refuge and beyond as well as to the residents living in that area and their quality of life as well. I feel this will become a bonding experience for both SpaceX and area residents as well as visitors to the nearby wildlife area over time. What can be more exciting to visitors to a wildlife area who can "go next door" to visit the latest in outer space technology and real world accomplishments for future space travel. This seems to me to provide the maximization of a vacation experience plus it is an economic incentive with great economic benefits for this rural area.

I have been an advocate of space travel since watching Apollo 11 land on the Moon in the Sea of Tranquility, on July 20, 1969, and hearing Neil Armstrong say "That's one small step for man. One giant leap for mankind" and have watched many dozens of launches to space since then including last week's spectacular world's first all-civilian Inspiration4 mission. My children attended John Glenn high school in Concord, Ohio, and I heard John as he made many special presentations to faculty and students, including my children, at the high school auditorium. My son and I enjoy the many SpaceX always fully transparent launches and programs always open for the public to view and enjoy on the SpaceX website. We always talk before and after each of the SpaceX launches which have been so very successful and have put America at the forefront in the space interplanetary program.

In the final analysis, I have come to the conclusion if not SpaceX then who, and if not now then when? I ask myself, would we even have this second space race without SpaceX, would we have the benefits of reusable rockets without SpaceX, would we really be going back to the moon without SpaceX, would we be planning crewed missions to Mars without SpaceX, the list goes on and on? Without question, I support SpaceX and all of their endeavors in moving America ahead in their space exploration program as they move forward with NASA as a full partner in all of their efforts.

Thank you for your kind consideration for my full support of the [SpaceX Starship Super Heavy Project at the Boca Chica Launch Site](#) during this public review and comment period from September 17, 2021 through October 18, 2021, and please subscribe me to your mailing list so that I may receive updates on this project.

Thank you very much for this opportunity for me to provide my full and unlimited support for SpaceX in their current and future space programs at the Boca Chica SpaceX site.

Sincerely,

Dr. Roger Barnaby

From: Taylor <[REDACTED]>
Sent: Tuesday, September 28, 2021 11:24 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica environmental assessment

Hello. For the future generations of human beings, please support SpaceX's project in Boca Chica. I believe this will be one of the few cases where the benefits vastly outweigh the drawbacks. However, in order to really appreciate the scope of the project and it's impact on the human species, it must be viewed with a very wide lens, outside even our current generation's lifespans. That's it! Thanks! Taylor :)

From: Ken Elmer <[REDACTED]>
Sent: Wednesday, September 29, 2021 7:46 AM
To: SpaceXBocaChica
Subject: SpaceX Starship/Superheavy public comment

I am writing this comment for public review of the draft environmental assessment of SpaceX's Starship/Superheavy program. I will keep this short and to the point. Government regulation in the name of "environmental protection" cannot stand in the way of progress. Especially of progress this monumental to the future history of our civilization and species.

SpaceX and its leadership is at the forefront of human space exploration and pushing boundaries. The Byzantine U.S. regulatory regime cannot and must not stand in the way. As an American taxpaying citizen, I heartily endorse SpaceX's operations with its current and proposed systems continuing without delay or further impediment by government regulation.

Kenneth Elmer
Attorney
The Elmer Law Firm, L.L.C.
[REDACTED]

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

From: Cameron Woods <[REDACTED]>
Sent: Wednesday, September 29, 2021 1:15 PM
To: SpaceXBocaChica
Subject: SpaceX super heavy

Hello,

Please DO NOT allow SpaceX to test their super heavy rocket at the Boca Chica site. This site has many nature preserves and parks nearby that the super heavy is at significant risk of damaging (possibly beyond repair for the native species). Please do your job and PREVENT SpaceX from launching this ridiculous enterprise.

Thank you,

Cameron

From: Brett Fleming <[REDACTED]>
Sent: Wednesday, September 29, 2021 7:21 PM
To: SpaceXBocaChica
Subject: SpaceX

SpaceX needs to keep doing what they're doing. We need to give them the space and flexibility to push forward as quickly as possible. There is no other organization, government or private, that is working as diligently towards the goal of plan B. I want to see this in my life time. We need this as a species. Please make the right decision.

Brett Fleming

From: jose ruiz <[REDACTED]>
Sent: Wednesday, September 29, 2021 7:51 PM
To: SpaceXBocaChica
Subject: Starship

To Whom it May Concern,

My name is Jose Ruiz and am a resident of the RGV. I have been to all the SpaceX Starship launches except one. I am FOR this program and am excited to see what the future holds.

Regards,
Jose Ruiz

From: Jeremy Blocker <[REDACTED]>
Sent: Wednesday, September 29, 2021 3:05 PM
To: SpaceXBocaChica
Subject: Starship

Please let SpaceX launch as much as they need to. They have inspired my self and my children very much they need your support thank you

Sent from my iPhone

From: darrengilles darrengilles <[REDACTED]>
Sent: Wednesday, September 29, 2021 4:34 AM
To: SpaceXBocaChica

Hi there I would like to submit this message as being in support of SpaceX and all its objectives at the SpaceX Boca Chica production facility currently under review by the FAA.
I support the production testing and launching of the Starships and super-heavy boosters along with the continuation of all gse work including the launch tower and launchpad.

Thank you

Darren Chard

From: Борис Богословов <[REDACTED]>
Sent: Wednesday, September 29, 2021 7:44 AM
To: SpaceXBocaChica

spaiCeX must lunch every day if it is possible.Go spaiCeX!

From: Max Ivy <[REDACTED]>
Sent: Friday, September 17, 2021 2:52 PM
To: SpaceXBocaChica
Subject: us I Support SpaceX's Starship

To whom it may concern,

I am just voicing my support for SpaceX's Starship, one of the United States' most breathtaking technological accomplishments this century.

SpaceX is working for the greater good of humanity and the interests of the **United States of America, the greatest nation on Earth.**

In my opinion, ethically speaking, the marginal environmental frills of Starship and SpaceX pales in comparison to the bigger picture. Not to mention all the countless environmental benefits that arise from the different use cases of SpaceX's technological advancement.

Without this project, not only will humanity's missions to space be delayed and held back, but the United States can experience a slowdown in technological progress, which is paramount in this competitive global economy.

Please see the bigger picture and allow SpaceX's Starship to progress unhindered.

The United States of America is the greatest nation on Earth, SpaceX is an incredible all-American company, and the good of humanity depends on innovative leaps such as Starship.

Sincerely yours,
Max Ivy from CA Canada

From: Jaitan Martini <[REDACTED]>
Sent: Friday, September 17, 2021 11:31 AM
To: SpaceXBocaChica
Subject: Ad Astra!!

Our actions echoes through eternity. It's written in the stars, this vehicle is meant to fly. There lies our destiny.
Let the Starship fly!!

From: Richie Schoenmann <[REDACTED]>
Sent: Friday, September 17, 2021 2:46 PM
To: SpaceXBocaChica
Subject: Allow space x

Hi All,

Miami citizen here. I am outraged that Jeff bezos and blue origin have got this far with this nonsense! Just because he can't build a decent rocket he spends money lobbying politicians etc to slow space x down. Its not space x that has to be stopped rather Jeff bezos/blue origin and his shady lobbying! Let space x move forward!!!

Thanks,
Richard

Get [Outlook for Android](#)

From: [REDACTED]
Sent: Thursday, September 30, 2021 1:02 PM
To: SpaceXBocaChica
Subject: Allow SpaceX To Launch Starship From Boca Chica, Texas

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1. **Identify the subject and the main idea of the text.**
 2. **Summarize the text in your own words.**
 3. **Identify the main points and supporting details.**
 4. **Identify the author's purpose and tone.**
 5. **Identify the main argument and supporting evidence.**
 6. **Identify the main conclusion and supporting evidence.**
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 10. **Identify the main conclusion and supporting evidence.**

1. **Identify the subject and the main idea of the text.**
 2. **Summarize the text in your own words.**
 3. **Identify the main points and supporting details.**
 4. **Identify the author's purpose and tone.**
 5. **Identify the main argument and supporting evidence.**
 6. **Identify the main conclusion and supporting evidence.**
 7. **Identify the main conclusion and supporting evidence.**
 8. **Identify the main conclusion and supporting evidence.**
 9. **Identify the main conclusion and supporting evidence.**
 10. **Identify the main conclusion and supporting evidence.**

1

From: David Antonini <[REDACTED]>
Sent: Friday, September 17, 2021 12:00 PM
To: SpaceXBocaChica
Subject: Approval

I would like to express my approval of allowing SpaceX to be given wide latitude in continuing their operations at Boca Chica. They have shown commitment to the environment and the community, as well as solid planning for future operations.

From: Jacob Weatherford <[REDACTED]>
Sent: Thursday, September 30, 2021 2:23 PM
To: SpaceXBocaChica
Subject: Boca Chica environmental review

Concerning the environmental impact of SpaceX Starbase, Superheavy launch vehicles will enable a whole new generation of climate study. If we limit our space faring capabilities, we also limit our "big picture" view of Earth and just how fragile it is. If we can get scientists and science communicators into space to talk about our environment on a global scale and raise awareness of our fragile planet, perhaps that would be more advantageous than fiercely holding back development of spaceflight technology for fear of short term environmental impact.

My two cents,
Jacob Weatherford

From: Your Turn <[REDACTED]>
Sent: Saturday, September 25, 2021 12:23 AM
To: SpaceXBocaChica
Subject: Boca China

To whom it may concern

SpaceX has to launch more than 5 orbital flights, for the USA to get and establish a base will require lots of launches. SpaceX and other space companies need more launches per year, if you want to conquer space. At the rate you have set will delay these discoveries for many years by the USA. Russia and China will beat your targets. And other new countries or companies that are not USA based will succeed. You have to look at the bigger picture. Picture a future where the USA is out there at scale. You must move faster, delays will kill the USA future.

From: Konrad Skagerberg <[REDACTED]>
Sent: Friday, September 17, 2021 2:01 PM
To: SpaceXBocaChica
Subject: Comment environmental review

To whom it may concern,

I am watching the progress of SpaceX from Sweden. What they are doing seems like the embodiment of the greatness of the US. I believe that anything that can be done to let SpaceX move faster should be done.

Regards,
Konrad Skagerberg

From: Rick Teter ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Thursday, September 30, 2021 12:19 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

Water is Life and the many Eco-tourism industries are Endangered by this proposal which damages the ecosystems and economies of the Laguna Madre.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Rick Teter
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: CJ Mitchell ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Thursday, September 30, 2021 11:29 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

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Sincerely,

CJ Mitchell
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Maurie Haas ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Thursday, September 30, 2021 11:51 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

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The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Maurie Haas
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Erica Rodriguez ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Thursday, September 30, 2021 4:50 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

I am not against Elon Musk or his Space X vision, just against the location he chose to set his sights on. I do believe he has been given an inch and taken a foot and those persons that benefit monetarily are allowing this travesty to happen. The area on Boca Chica beach is a protected area both environmentally and historically. He has ruined a pristine beach with metal and machinery and is making it impossible for locals to enjoy Boca Chica. Closing down for any launches is unreasonable and the explosions that have already occurred are dangerous and proof of what's to come. Space X needs to move 100% off shore or relocate to Corpus Christi whose refineries and pipelines are also an eyesore, not to mention harmful to the environment. The Rio Grande Valley area is LIFELESS. I have lived here all my life and there is nothing good. Now, we are going to have a billionaire take over Boca Chica Beach and turn it into Starbase, TX? Just stop. We have too much metal, machinery, and concrete.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Erica Rodriguez
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Joyce Hamilton ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Thursday, September 30, 2021 8:04 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

I frequently visit Boca Chica Beach and the Island, to do volunteer work and for recreation. The FAA needs a new EIS to protect the public as well as native wildlife.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Joyce Hamilton
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: John Gilbert <[REDACTED]>
Sent: Thursday, September 30, 2021 12:11 PM
To: SpaceXBocaChica
Subject: Comment from the public

Please allow this launch site and development of the super heavy continue. These delays are a detriment to American progress and a sign of government overreach. This program is so important to science as well as national defense. Please get out of the way.

John Gilbert
[REDACTED]

Sent from my iPhone

From: Ross Centers <[REDACTED]>
Sent: Friday, September 17, 2021 1:12 PM
To: SpaceXBocaChica
Subject: Comment in favor of Starship Launch

To Whom it May Concern,

This comment is in favor of SpaceX's Starship launch from Boca Chica. Our business and many others like it are waiting on new heavy launch capacity to enable new business models and economic growth in space. We are in favor of expeditious approval.

Ross Centers,
CEO
Radiant Lunar

From: ANDREW KAUFFMAN <[REDACTED]>
Sent: Thursday, September 30, 2021 4:04 PM
To: SpaceXBocaChica
Subject: comment

being a space faring civilization ... becoming multi planetary ... the future we should be looking towards and doing EVERYTHING we can to expedite this process ... it is important that Starbase Boca chica and all the testing and construction be allowed to move forward at a pace that accomplishes this goal in the shortest amount of time ... obviously everyone wants safety and as little as possible, disturbance to local wildlife ... but as a U Tube so called "Tank Watcher" i have witnessed through all the video and even a visit to the sight that Space X goes above and beyond to keep folks safe and to bring the smallest possible impact to local wildlife I think i am understating when i say Space X has the support of more folks than many are aware of, anyone with a lick of common sense sees what this company can do for the human race as a whole
Space X must be allowed to move forward at a pace that suits their way of doing things
thank you for taking the time to read what i have to say

regards A. L. K.

From: Phillip Fletcher <[REDACTED]>
Sent: Thursday, September 30, 2021 12:40 PM
To: SpaceXBocaChica
Subject: Comments on SpaceX activities at Boca Chica

I am a retired aerospace engineer and manager who has moved a business from out of Texas to Texas. I am writing to support SpaceX in its mission to promote lower cost space missions which meet all established regulations related to environment, safety, public access and other issues. SpaceX could have put this launch and testing operation anywhere. They spoke with local officials who were very glad to have SpaceX in Cameron county and pledged their support of the operation. They have expressed their support again and again in the press. SpaceX has created many jobs in the area and on top of that pledged \$50 million to support local schools and community activities. No one is complaining about the improvement to the community that will be the result of SpaceX's presence there.

In my opinion, there are always locals or even out of state people that are attracted to a new company entering an area and who voice their complaints in front of every TV and press reporter from all over. When I built a new plant here new Austin which made aircraft components, I had people writing "facts" about our operation including those aimed at environmental issues, safety issues, impact on the community, etc. the same issues being raised now. Were the accusations and "facts" true and accurate? Not in the least. The FAA was involved in the launch of this operation and we passed all systems, product and process audits. Same for the TCEQ and the EPA.

So my view is that most of this protest activity is to get attention, rather than help anyone or any thing. SpaceX is spending a lot of time and money complying with regulatory items and will continue to do so. I demand that the FAA support this space launch facility as the partner they really are. Not break any laws, but not pander to the press and some activists. The FAA has people in the area who are charged with monitoring and approval of important processes that SpaceX operates. You must place trust in these people to deliver oversight to SpaceX's activities and not let them get harassed and demeaned by people whose only interest is to disrupt, get attention and cause delays in important testing and launch programs.

Phil Fletcher, Austin, TX

From: Joseph Richards <[REDACTED]>
Sent: Friday, September 17, 2021 1:28 PM
To: SpaceXBocaChica
Subject: Dear FAA, it's time to step aside

To whom it may concern,

Under no circumstances should the FAA in any way impede up SpaceX's technical advancements, flight missions, or goals. Especially that of the starship program. Your agency has done nothing but impede upon SpaceX's progress and Innovation and I couldn't think of anything more un-American than that.

It's been more than 50 years since we landed on the moon, and the lack of progress and innovation since then is now embarrassing. Step aside and admire the single most important thing happening In our lifetimes.

Thank you for taking the time to read my comments.

Sincerely,
An American Taxpayer,

Joseph Richards
Director @ Wurva LLC
[REDACTED]

From: Mark Graybill <[REDACTED]>
Sent: Wednesday, September 29, 2021 10:07 PM
To: SpaceXBocaChica
Subject: Draft PEA for SpaceX Starship/Superheavy

I have read the Draft PEA for SpaceX's Starship/Superheavy and I support the issue of an experimental license or a vehicle operator's license for the Elements covered in Table 2-1.

The impact on public use of the beaches is reasonably low, even in the event of a necessary clean-up, that I don't feel it represents a significant problem. Likewise, I feel the SpaceX actions to perform clean-up of the site is acceptable.

The impact of the release of methane gas in the event of an accident is minor, considering the many other greenhouse gases that are released through other processes, and the development of a new rocket using methane and LOX that is reusable and has far higher economic efficiency than present systems will more than offset the environmental impacts that are caused by development, in my opinion.

Currently, most launch vehicles are entirely disposable and many burn either RP-1 or dangerous storable propellants. SpaceX's own Falcon launch vehicles are only partially reusable, and burn RP-1. RP-1 produces less environmentally benign exhaust products than methane, though they are both hydrocarbons, and in the future, methane could be produced in processes that consume atmospheric CO₂, which could never be done economically with RP-1.

The risks represented by the test and development program seem to me to be far outweighed by the rewards that a successful program represents, both economically and environmentally.

I hope that the FAA see fit to provide either experimental permits or vehicle operator's licenses to this program.

Sincerely,

Mark Graybill

From: Chris Fisk <[REDACTED]>
Sent: Wednesday, September 29, 2021 10:58 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program (Draft PEA) Comments

The FAA Office of Commercial Space Transportation should approve experimental permit(s) and/or a vehicle operator license from the to operate the Starship/Super Heavy launch vehicle.

The many positive benefits greatly outweighs the potential environmental effects.

First the local economy will be considerably improved by the increased economic activity and the tourism associated with the proposal.

Second the continued innovation, scientific, and engineering expertise gained by granting the proposal improves the country and humanity as a whole.

Third, by granting this proposal supports SpaceX's contributions to NASA's Artemis to return America to the moon improving the soft power diplomacy of the country.

Fourth, the first of a kind fully reusable Space launch vehicles may decrease overall waste in the long term if the countries space goals are continued to be pursued.

Finally, the Boca Chica location is the ideal location in the US for space launches as it one of the closest locations in the continental united states to the equator allowing the an ideal location to get to orbit without expending unnecessary propellant and minimizing any climate, air quality effects.

In summary there are many positive benefits to the proposal and the FAA should grant appropriate licences.

Sincerely
Christ Fisk

From: Anton Kozikowski <[REDACTED]>
Sent: Thursday, September 30, 2021 12:31 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Comments:

Based on the merritt island national wildlife refuge case study, cape canaveral, on the east coast of florida roughly in the middle of the state is known for coastal cane vegetation, crab, oysters, birds ducks & numerous waterfowl, while the kennedy space program, chose their location based on proximity to sea level & to the equator, for an extra acceleration boost, from the spin of the planet.

spacex utilize Vandenberg Air Force Base, california, to launch satellites to sun-synchronous and polar orbits. Starship's primary purpose is to launch cargo and humans to the Moon and Mars. Moreover, the Texas state legislature offered SpaceX tax rebates, but Georgia and Virginia did not.

Here in New Mexico we enjoy river-side views, and mountain vistas along the high deseret chama river & Rio Grande Valley, nothing on the beach. In southern nm, we're hosting Virgin Galactic & a few other space companies at the world's first purpose-built Spaceport America. we've seen a harmonious environmental relationship with launch operation and the red clay color of the desert terrain & vegetation mixed with vibrant lizards & healthy snake populations, prairie rattlers included, & colorful coral snakes, also dangerous, that would rival those of california & texas combined.

Snakes are ectotherms, meaning they control their body temperature by absorbing or giving off heat. Because their body temperature is affected by environmental temperatures and varies with surrounding conditions, snakes become inactive during very hot and very cold times of day and seasons. During periods of inactivity, snakes can go for several weeks without eating. our "soft-landing" commercial space launches from our desert based spaceport have not proven to interrupt that cycle.

While the launch team at Boca Chica suffered the same mosquito swarms that were prevalent at, what is now, Merritt Island Refuge Cape Canaveral, apparently the merits island refuge was created based on an excess land purchase by NASA, converted to a seashore refuge, adjacent to j f kennedy space center which became the centerpiece for the us space program, while, protecting habitat & maintaining freshwater impoundments, saltwater marsh & estuaries sand dunes & beaches, 330 species of birds, hundreds of species of fish, amphibians and reptiles and over 1000 species of plants.

the weather at mars, the type of launcher, and the laws of physics governing the planets determined a 12-day launch window starting on September 20, 2022. efficient orbital transfers, good communications, and no large dust storms on the martian horizon make the chosen trajectory the fastest and safest choice.

In order for musk, and his team of engineers, to be prepared for the upcoming launch window, which only comes every two years, (i think) he must spend his time wisely and efficiently at Boca Chica. FAA has verified several 4(f) (nearby) publicly owned parks, boat or marine operations or refuges, that may be in listening or viewing distance from a rocket launch. the launch-site is set-back from the ocean almost 20 miles.

while park & boat visitors may be momentarily disrupted by the rush of rocket engines, climbing in to the sky, they may just-as-well benefit from added traffic and business from tourism, visitors & people who are looking for a nice place to get a view-of-a-launch.

Based on Musk, safety track record & commitment to solar, sustainable, rechargeable, relaunched operations, I assume the footprint of his texas-based launch operations will be as light as possible, while the rest of us will only stand-to-benefit, from his next innovation.

anton kozikowski music, film, technology.
 studios & laboratories based in albuquerque
 cheers from nm

--

Anton Kozikowski
 [REDACTED]

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From: Tom Brooks <[REDACTED]>
Sent: Thursday, September 30, 2021 3:08 PM
To: SpaceXBocaChica
Subject: Environment Study

I am all for Space X to continue testing at Boca Chica. This is history in the making. We should be supporting this amazing effort. Space exploration has sat still for fifty years and now we need to support those who reach for the stars. Thanks

From: Frank David Plummer <[REDACTED]>
Sent: Thursday, September 30, 2021 12:29 PM
To: SpaceXBocaChica
Subject: FAA / draft PEA / other stuff
Attachments: FB_IMG_1632010550271.jpg; FB_IMG_1631806852996.jpg

The FAA and other people in our dillusional world need to wake up and stop spending trillions of dollars on war and paranoia and work on exclusively getting us out of here before the idiots destroy this planet. Imagine what 2 trillion dollars spent on space infrastructure and advanced spacecraft propulsion would produce ?

Frank David Plummer
[REDACTED]

From: Michael Wacker <[REDACTED]>
Sent: Thursday, September 30, 2021 5:20 PM
To: SpaceXBocaChica
Subject: FAA Environmental Assessment Review for Boca Chica

Ms. Stacey Zee
SpaceX PEA
9300 Lee Highway, Fairfax, VA 22031

Dear Ms. Zee

As an American citizen, I think it is critical that we pursue our space infrastructure at the SpaceX facilities in Boca Chica.

There are many reason we should do this including to expand our space exploration capabilities, develop new technologies that can be applied to other fields and develop new solar energy capabilities that will help the environment. But most important the United States must be the leader in space capabilities from a military and strategic standpoint. There may be some minor negative environmental impacts that would occur anywhere on earth that rockets are launched, but the potential environmental benefits far outweigh the negative issues.

I'm not sure you are the person responsible for these concerns, If not please forward this correspondence or let me know who I can provide my views to. Thanks for hearing my concerns.

Sincerely,
Michael Wacker
[REDACTED]

From: John Strom <[REDACTED]>
Sent: Thursday, September 30, 2021 10:47 AM
To: SpaceXBocaChica
Subject: FAA Environmental Impact delays

Is the FAA (aka the Tombstone Agency) working for Communist China or for Jeff Bezos? It's hard to figure out which with those government bureaucrats. They don't seem to have America's best interests in mind with this myopic demand. If Biden were a true leader he would scrub that inane Environmental Impact demand.

Sent from my iPhone

From: Carson Child <[REDACTED]>
Sent: Friday, September 17, 2021 11:50 AM
To: SpaceXBocaChica
Subject: FAA Public Comment

To whom it may concern:

The SpaceX Starship/Super Heavy Program is leading the push for humans to become a multi-planetary species and as such must be allowed to continue with the program in Boca Chica, Texas.

Carson Child

From: Garry Forwood <[REDACTED]>
Sent: Thursday, September 23, 2021 2:42 PM
To: SpaceXBocaChica
Subject: FAA Request for Comments

Hello

I am not a U.S. citizen but I would like to voice my support for the continued work that SpaceX is doing in Boca Chica (and elsewhere).

SpaceX is one of the most innovative companies in the U.S. today:

- It is saving the U.S. government millions of dollars by introducing reusable rockets to the space program.
- It is freeing the U.S. from the need to rely on Russia for sending astronauts and supplies to the I.S.S.
- It is revolutionizing communications in remote areas (and potentially in totalitarian regimes) by deploying Starlink satellites.
- It is developing Starship, which will enable the U.S. to return to the moon and lead the world in exploration of Mars.

The partnership between SpaceX and NASA has proven productive, effective and economical. I hope the FAA will permit SpaceX to continue its operation in Boca Chica for the benefit of the U.S. and the world.

Respectively

Garry Forwood
Burnaby, BC, CANADA

From: [REDACTED]
Sent: Thursday, September 30, 2021 7:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe the environmental review of this should shine favorably on SpaceX. Unfortunately there will be upset people on either side of the coin. But realistically, SpaceX has invested a ton of time, and money into the area, and moving at a rapid pace needed for the advancement of human space travel. This rate would never be achieved by a government entity, and if this was a government entity, they would just enforce imminent domain, and take the land, and proceed as they chose. SpaceX has purchased the land, as well as try and accommodate previous owners in the area extremely fairly. This is a win for the US, the military, NASA, many satellite providers, and mankind as a whole. Access to space is essential, and making life multi planetary is becoming a rapid crisis that needs to be addressed. A private company pursuing this and taking the burden off the US taxpayer will always be a win.

From: [REDACTED]
Sent: Thursday, September 30, 2021 4:16 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The work of SpaceX is far more important to mankind than the inconvenience of a few people in the area. And as far as other living entities in the area, there is sufficient habitat to migrate into. Although I understand the role that the FAA plays in safety, there has never been a company as forward thinking and forward moving as SpaceX. If America has any chance of becoming great again, it will be thru companies such as this one. Protect the future of America as diligently as you protect the law.

From: [REDACTED]
Sent: Thursday, September 30, 2021 10:35 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hunter Mehring [REDACTED] I am in support of SpaceX moving forward with their plans. The work that they do is good for jobs and human progress.

From: [REDACTED]
Sent: Thursday, September 30, 2021 10:45 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Highly in favor of SpaceX continuing to build the boca chica facility and for continued launches, tests, landings. We must become multi-planetary for all we will learn and as a contingency for life on Earth. The environmental risks can be mitigated and managed.

From: [REDACTED]
Sent: Thursday, September 30, 2021 6:37 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

What I don't understand is why environmental study is done after the fact that Starship site is partially developed with infrastructure and plans to expand more. Seems like Starship did not fully disclosed the plans, space launches work scope or obtained proper permits or administrator issued permits with incomplete application. My comments are as follows: 1.Economical impact of Starship to Brownsville is a very positive event bringing thousands high tech jobs and many future opportunities. 2.Obviously there is environmental impact on wetlands, however symbiotic coexistence can be achieved with proper actions. 3.There are wind farms along along the coast, port of Brownsville and other industrial infrastructure already so the environmental studies and results should be known already and addition of Starship will not adversely affect or totally destroy the environment. 4.The beach access and roads need to be added above the ground or improved with additional parking and restrooms. 5.In summary, Starship needs to stay in Texas.

From: [REDACTED]
Sent: Thursday, September 30, 2021 6:06 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear Ms Zee, SpaceX activities in Boca Chica represent the most important US space based initiatives since the Apollo program. This space program utilizing a totally reusable space launch system represents a quantum leap in launch technology and should enjoy our governments full support to ensure the United States continued leadership in space technology. SpaceX has demonstrated their environmental stewardship of the sensitive environment at Boca Chica and I am confident that they will continue to do so. Since this is a national priority, the FAA should fully support continued development of this critical launch program. Thank you, Mark Holmes

From: [REDACTED]
Sent: Thursday, September 30, 2021 5:19 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think it is in our national interest as well as the planets interest to allow the full and fast development of SpaceX's super heavy booster and starship in BocaChica TX.....I fully support this project and think that the federal government should help support operations in any way possible. Thank you for letting me comment.
Keith

From: [REDACTED]
Sent: Thursday, September 30, 2021 9:57 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I have reviewed the draft PEA for the SpaceX Starship and Super Heavy launch vehicle program. The FAA's assessment of environmental impacts seems fair. The mitigation measures outlined in the document are extensive, and thoughtful. There seems to be sufficient justification for approving SpaceX's plans for the program. On the other hand, there was only the briefest mention of potential benefits of the program locally, and none at all for the nation as a whole. Are such considerations not supposed to be included in a review such as this? John Leahy Austin, Texas

From: [REDACTED]
Sent: Thursday, September 30, 2021 8:36 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, This message is in support of FAA approval to allow SpaceX operations to continue and increase at their Boca Chica facility. While we are all aware of wildlife and environmental impacts with any industrial site, the coastline of Texas and northern Mexico is vast and animals aren't stupid. We cannot always say the same of our fellow man. South Texas has long been the least educated, poorest, and most unhealthy area of the United States, and there are those like to partly blame the lack of opportunities. Orbital operations in the area will help alleviate that. The company itself is and will continue to bring high paying jobs and educational opportunities as well as the many ancillary businesses that are necessary to help the facility function. Boca Chica is hardly the tourism draw the environmentalists purport it to be. And what little may be lost will be gained many times over from the increase in space related tourists. The surrounding communities may lose a few long time residents that enjoy their sleepy little lifestyle but the area as a whole cannot continuity struggle as it has for decades. Let SpaceX fly!!!

From: Mark Cottreau <[REDACTED]>
Sent: Thursday, September 30, 2021 7:05 PM
To: SpaceXBocaChica
Subject: GO FOR LAUNCH!!

Hello,

I am a Canadian that absolutely thinks that humanity needs to be a multi planetary race. I think the FAA should be helping Space X rather than slow them down. This is for the benefit of all humans on earth. Finally we have someone that can actually make a massive difference and advance humanity in a glorious way. Instead of trying to put road blocks up everyone needs to do what ever they can at all times to help him accomplish these radical plans before it's too late and he dies. We need to take full advantage of his exceptional mind. I am writing this email to give Elon Musk and the Space X team my complete support. I personally wish that there is more that I could do to help him.

Thanks, Mark

Sent from my iPhone

From: Anthony Vandeford <[REDACTED]>
Sent: Tuesday, September 21, 2021 10:10 PM
To: SpaceXBocaChica
Subject: I support Space X wholeheartedly!

Ms. Stacey Zee,

In my humble opinion, I believe that Space X is absolutely vital for the future of mankind, and it is greatly contributing to the progress of humanity. I support Space X 100 percent.

Thank you for your kind attention.

Anthony Vandeford
International English Teacher, Marysville, WA.
[REDACTED]

From: Daniel V. Ross <[REDACTED]>
Sent: Friday, September 17, 2021 12:30 PM
To: SpaceXBocaChica
Subject: I support SpaceX and Starship

I support SpaceX and Starship, they give me and millions of other people hope, that the future is more than just earth and misery.

Kind regards,
Daniel Ross

From: Miles Poindexter <[REDACTED]>
Sent: Thursday, September 30, 2021 12:24 PM
To: SpaceXBocaChica
Subject: I support Starbase

Please let SpaceX continue to develop and launch the Starship and Superheavy booster at Starbase in Boca Chica.

I'm a huge environmentalist and also a bicycle advocate.

But few things are more important to me than becoming a multi planet species. I think about our future beyond Earth every day.

I think we will take care of our planet better when we see it from space. Remember that it was a picture of Earth from the moon that spurred the Earth Day movement.

Sincerely,
Miles Poindexter
NJ

Mobily manufactured

From: Jeff Carver <[REDACTED]>
Sent: Friday, September 17, 2021 3:59 PM
To: SpaceXBocaChica
Subject: I support the development of launches at Boca Chica (Starbase), TX.

Please forward the subject line of this email to the appropriate authorities.

Sincerely,
Jeffrey Lee Carver

From: Киропатов С.Е. <[REDACTED]>
Sent: Friday, September 17, 2021 3:24 PM
To: SpaceXBocaChica
Subject: I want to support Elon Musk and Space X

Hello!

I'm from Russia. I want to support Elon Musk and Space X in deep space exploration. Dear FAA members, do not create obstacles for Spaceship and Superheavy. Space X is driving world progress forward. Humanity should be proud of such sons of the Earth as Elon Musk!

Aleksander Smirnoff

From: momo dario <[REDACTED]>
Sent: Friday, September 17, 2021 12:18 PM
To: SpaceXBocaChica
Subject: I wish to fully support the SpaceX Starship

To: Ms. Stacey Zee, SpaceX PEA, c/o ICF, 9300 Lee Highway, Fairfax, VA 22031
I wish to fully support the SpaceX Starship / Super Heavy program in Boca Chica, Texas.
Thank you very much
Dario Momo
email: [REDACTED]

From: Isaac Mather <[REDACTED]>
Sent: Thursday, September 30, 2021 11:38 AM
To: SpaceXBocaChica
Subject: In Support - SpaceX Starship Super Heavy Project Launch Site

Hi There,

Emailing in support of this launch site. Development of Starship and Super Heavy:

- Increases United States access to space and heavy lift capabilities.
- Establishes the United States as the frontrunner to space exploration and colonization.
- Provides a commercial platform to develop space industries.
- Gives humanity the opportunity to celebrate success and growth of the species.

Cheers,
Isaac

From: Papa Shango <[REDACTED]>
Sent: Friday, September 17, 2021 3:16 PM
To: SpaceXBocaChica
Subject: Launching from Boca Chica TXI

SpaceX is innovating constantly and bringing good things to Texas, America, and the world. To put obstacles in their way hinders all mankind. Instead, let's get behind them and let's GET LAUNCHING! 🚀🚀🚀

From: Mitch Gmail <[REDACTED]>
Sent: Thursday, September 30, 2021 12:58 PM
To: SpaceXBocaChica
Subject: Let spacex be

If I were spacex, I'd move to China to get rid of the red tape you are putting in their way. Reall, I'd blow up Bo a chica and move to Hong Kong. Spacex is single handed Lu saving the USA from ruins in space and all you can do is try to save pigeons that are going to be extinct in 50 years

Mitchel W. Eisenstein, DC, LCSW-R

From: Frank Johnson <[REDACTED]>
Sent: Friday, September 17, 2021 11:28 AM
To: SpaceXBocaChica
Subject: Let them fly.

A few loud days a year for locals is a very small price for the future of mankind.

Let SpaceX fly!!!!

Frank Johnson

From: Batts, Shauna
Sent: Thursday, September 30, 2021 8:43 AM
To: SpaceXBocaChica
Cc: Dogger, Nick
Subject: mail
Attachments: space_x.pdf

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

SHAUNA BATTIS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]

CHARLOTTE NC 280

27 SEP 2021 PM 2 L



Space X PEA
ICF
9300 Lee Hwy.
Fairfax, Va. 22031

EE061-605133



Dear Stacey Zee,

September 26, 2021

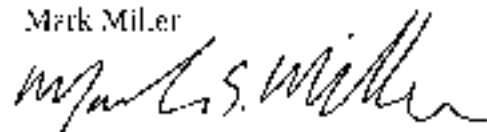
It is IMPERATIVE that Space X be allowed to complete its Boca Chica facility unrestrained.

This organization is a National Treasure and needs to be assisted as much as possible as they are on the cutting edge of technology and design. No where else in the USA is space innovation occurring as rapidly.

Please if you have any input that can positively effect the future of Space X ... please help this company as it will help the U.S.A .

Thank you,

Mark Miller

A handwritten signature in black ink, appearing to read "Mark L.S. Miller". The signature is fluid and cursive, with the first name "Mark" being the most prominent.



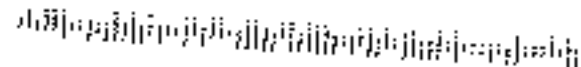
CHARLOTTE NC 280
27 SEP 2021 PM 2 L

Thinking



Space X PEA
ICF
9300 Lee Hwy.
Fairfax, Va. 22031

22031-605150



Dear Stacey Zee,

September 26, 2021

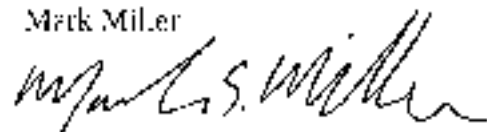
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Please if you have any input that can positively effect the future of Space X ... please help this company as it will help the U.S.A .

Thank you,

Mark Miller

A handwritten signature in black ink, appearing to read "Mark L.S. Miller". The signature is fluid and cursive, with the first name "Mark" being the most prominent.

From: Pershen Animation <[REDACTED]>
Sent: Friday, September 17, 2021 11:53 AM
To: SpaceXBocaChica
Subject: Ms. Stacey Zee,

Please read the book "Why Nations Fail by Acemoglu Daron" to understand the difference between failed and successful countries! When a company like SpaceX is doing valuable work with its scientists and engineers, do not follow the method of failed countries. Instead of supporting them and solving their problems, do not throw stones at them!

From: Ayden MacKenzie <[REDACTED]>
Sent: Wednesday, September 22, 2021 11:47 AM
To: SpaceXBocaChica
Subject: My support for the launch of Starship

The launch of Starship is by far the most important thing to have happened for humanity in all of recorded history. We must allow the launch of Starship and grant them any permission they may need to proceed. The Earth can not support human life indefinitely, and if we wish to ensure the survival of the miracle that is life and humanity, we must support the starship in all of its endeavors. Thank you so much,
-Ayden MacKenzie

From: Sanjay Mathew <[REDACTED]>
Sent: Friday, September 17, 2021 12:04 PM
To: SpaceXBocaChica
Subject: PEA for SpaceX

Ms. Stacey Zee:

I am in full support of having SpaceX conduct StarShip and SuperHeavy construction and launches from Boca Chica. Our local community has been thriving since they have been here, and we expect it to grow.

I'm concerned that we are falling behind the Chinese and we need to support our local American companies to stay ahead of them.

Please grant their application and add me to subscriber list so I stay updated.

Thanks

Sanjay Mathew
[REDACTED]

From: R Sangil <[REDACTED]>
Sent: Friday, September 17, 2021 4:22 PM
To: SpaceXBocaChica
Subject: PEA for the launch

Hello! Here is my comment from europe,spain for support Elon & SpaceX in their mission!

What's wrong with expanding human life beyond planet Earth? Isn't that what we've always done as humans? Explore and colonize new territories. Elon's work and dedication are simply admirable both on earth and beyond. I'm happy to help support your mission with this comment. Probably if the earth spoke it would say thank you elon

From: Manu <[REDACTED]>
Sent: Friday, September 17, 2021 11:51 AM
To: SpaceXBocaChica
Subject: please Allow the SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Hello FAA,

Please allow the SpaceX Starship Super Heavy Project at the Boca Chica Launch Site.

Also please add me to the mailing list.

Thank you,
Emmanuel Blanc

From: David Jancan <[REDACTED]>
Sent: Thursday, September 30, 2021 2:27 PM
To: SpaceXBocaChica
Subject: Please approve SpaceX full access to the site in Boca Chica

Importance: High

To whom it may concern

Please allow SpaceX full access to the Boca Chica site to build a Space port a concerned Texas resident.

Thank you,

[REDACTED]

[REDACTED]

Confidentiality Notice:

This email and any attachments may be confidential and proprietary to [REDACTED] and its affiliated subsidiaries. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the e-mail or any attachment is prohibited. If you have received this email in error, please notify us immediately by replying to the sender and then delete this copy and the reply from your system. Thank you for your cooperation.

From: Bill Ahrbecker <[REDACTED]>
Sent: Thursday, September 30, 2021 4:56 PM
To: SpaceXBocaChica
Subject: Please approve SpaceX launches from Boca Chica

It is worth the risks.

--

Warmest regards,

Bill

Bill Ahrbecker

From: Sandy Smyth <[REDACTED]>
Sent: Thursday, September 30, 2021 4:54 PM
To: SpaceXBocaChica
Subject: Please expedite and approve SpaceX for multiple regular launches from Boca Chica, TX

SpaceX is doing groundbreaking work to advance spaceflight, for the benefit of the United States and all humanity. Please do not hold it up for an overly-strict environmental review.

Thanks,
Alexander Smyth
[REDACTED]

From: shiv saggu <[REDACTED]>
Sent: Tuesday, September 21, 2021 6:57 PM
To: SpaceXBocaChica
Subject: Please let SpaceX continue to test, build and innovate for the sake of technology and humanity

Dear Ms. Stacey Zee,

It is important that SpaceX be allowed to continue to build, test and innovate rocket propulsion in Boca Chica, TX.

This is important for advancements in technology and the future of humanity.

We should be proud that a US company has already done so much in this area and the role of government should be to assist such a company.

Mr. Saggu

From: Ajay Kothari <[REDACTED]>
Sent: Thursday, September 30, 2021 5:51 PM
To: SpaceXBocaChica
Subject: Please support and allow SpaceX

Please support and allow SpaceX to launch their Starship so the whole country (and humanity) continue to make progress in Space transportation.

Dr. Ajay P. Kothari
President
Astrox Corporation
AIAA Associate Fellow

Ph: [REDACTED]
Web: www.astrox.com
Email: [REDACTED]

From: Keith Uhles <[REDACTED]>
Sent: Thursday, September 30, 2021 10:23 AM
To: SpaceXBocaChica
Subject: Project needed

This area is economically depressed and needs this project desperately.

[REDACTED]

Keith Uhles – Managing Firm Partner

[REDACTED]

[REDACTED]

P: [REDACTED]
M: [REDACTED]

[REDACTED]

[REDACTED]

11 lawyers

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From: Jamie Tackett <[REDACTED]>
Sent: Thursday, September 30, 2021 5:40 PM
To: SpaceXBocaChica
Subject: Public comment

It would be a travesty to all humanity to hinder the SpaceX Starbase project in Boca Chica TX. The entire purpose of the project is to better humanity and improve all life on earth. A company with the vision and growing ability to ensure that the entire human race never again will face extinction, should have the complete support of the federal government. Not hindered by menial bureaucratic red tape.

From: Nick <[REDACTED]>
Sent: Friday, September 17, 2021 3:50 PM
To: SpaceXBocaChica
Subject: Public comment on Draft Programmatic Environmental Assessment

To whom it may concern,

I would like to express my support for SpaceX continuing their Starship/SuperHeavy program in Boca Chica, TX. I believe SpaceX is rapidly advancing humanity's goals for space exploration, and I want to see their great work continue.

Their livestreams and constant updates provide the public with a constant drumbeat of progress, optimism, and American ingenuity.

Getting humans, and Americans, to Mars is a great goal and I believe SpaceX can shepherd us toward this goal. Elon has a great drive to make humanity interplanetary, and I fully support it.

Please allow SpaceX to continue development, testing, and launches at their Boca Chica, TX test site. It is in the best interest of humanity, and the United States.

Sincerely,
-Ray N Roper

From: Joe Teichert <[REDACTED]>
Sent: Thursday, September 30, 2021 6:02 PM
To: SpaceXBocaChica
Subject: Public Comment

Good evening,

I'm writing in support of SpaceX's plan to launch Super Heavy's from Boca Chicca, for the reason's Mr. Musk mentioned.

Thank you.

Joe Teichert
Oak View, CA

From: matthew johnson <[REDACTED]>
Sent: Friday, September 17, 2021 4:30 PM
To: SpaceXBocaChica
Subject: Public consideration

Hello, I'm writing in regard to the the importance of allowing SpaceX the continued support to launch the new starship to and from orbit and the preparations needed to have a fully reused rocket. I believe if even there is a 0.0001 % chance of an earth ending event, we will at least tand a chance if they are allowed to continue to innovative and I truly hope you consider them to continue the development they need.

VR
matthew

From: ronykj <[REDACTED]>
Sent: Thursday, September 30, 2021 11:44 AM
To: SpaceXBocaChica
Subject: Public input

I am writing in support of SpaceX's activities and facilities at Boca Chica for the following reasons.

What SpaceX is doing is critical to the future of humanity and the planet. It ensures that in the event of an existential crisis on Earth, life will continue on another planet.

It is important to preserve Earth's habitats but orders of magnitude more damage are being caused by drilling rigs in the Gulf of Mexico leaking crude into the ocean.

If SpaceX's activities are causing environmental damage, then what about the activities of NASA at Cape Canaveral? There is far more environmental damage being caused there and at other locations like Stennis by the testing of solid fuel rocket boosters. Why is the FAA not investigating NASA and many others like the US Military, Boeing, ULA, Blue Origin and others.

SpaceX has pioneered the reusability of rockets thus reducing the environmental impact. The FAA should be supporting their efforts, but unfortunately they are trying to block progress due to political considerations.

Please lift any restrictions that you have placed on SpaceX and find something more useful to do such as the following:

Make Boeing comply with the safing of empty fuel tanks in their planes which has caused so many deaths.

Make Boeing put safety before profits and engineers before accountants while making decisions.

Do not allow the 737 Max to fly unless the plane is redesigned from the ground up.

Thanks

Rony Joseph
[REDACTED]

From: Scott Berning <[REDACTED]>
Sent: Thursday, September 30, 2021 10:16 AM
To: SpaceXBocaChica
Subject: Public review Comment

TO: FAA
FR: Scott Berning

As part of your public review I would like to add the following comments.

1. There is limited information on the distance from VLA to LLCC. This is described in location comments but only how far each is from US/Mexico border. I think it should be clear on line of sight distance to the SpaceX Production Facility.

2. There is some good information on the affects of Starship and Super Heavy on the marine environment, particularly if they should land/breakup at end of mission. Obviously, this is not the long term plan, for these reusable rocket components. I think there should be stated positive notes on the plan to reuse the rockets. Other rocket contractors continue to drop substantial components in our oceans. While this was a required in the early days of NASA and our history of rocketry, SpaceX has proved this does not have to be the case. Heavy penalties should be planned in the future for lack of even a plan for reuse. Nothing short term, but within 5 years I feel penalties in the \$50M range for each booster stage seems reasonable.

Thanks for this forum of comment,
Scott Berning
[REDACTED]

From: Johan De Lange <[REDACTED]>
Sent: Thursday, September 30, 2021 6:32 PM
To: SpaceXBocaChica
Subject: Re: FAA submission comments, Annexure to previous submission

Dear Stacey.

As a further Annexure to my previous submission, I propose that all space launches be done at 12pm noon, similar to the 12 o'clock canons that are shot off at numerous cities around the world.

These very noisy events, in big cities, are an institution and people actually appreciate and celebrate them. Cape Town, South Africa and Edinburgh, Scotland comes to mind.

That way people will be able to set their clocks if they lose time or know the time of day when the rocket is launched.

Sincerely
Johan de Lange

On Fri, 01 Oct 2021, 02:59 Johan De Lange, <[REDACTED]> wrote:
Dear Stacey.

Thank you for the received notice.

As an Annexure to my previous email submission, in support of the groundbreaking work being undertaken at Boca Chica, I propose mitigating measures with regards to the noise levels that the space operations will generate.

Acoustics engineers should look at the technology used in sound rooms, to dampen and absorb the noise that will be generated from the Super Heavy space launches.

The feasibility of placing sound dampening barriers on the perimeter of the launch installation to absorb and deflect the noise generated vertically towards the air and the ground, should be considered.

The water deluge system used elsewhere at launch facilities might be the solution, or maybe there are alternative materials used in sound rooms that can be used.

I trust that this proposal will be taken into consideration.

I thank you for this opportunity, for this submission.

Sincerely.
Johan de Lange, Pr.Eng MSc.Eng(Civil)

From: Dan Elton <[REDACTED]>
Sent: Thursday, September 30, 2021 10:01 AM
To: SpaceXBocaChica
Subject: Re: I would like to subscribe to the mailing list

Thank you.

I am looking forward to SpaceX being approved for launch immediately after the 30 day waiting period ends. If not, the FAA is going to look very evil.

-- Dan

--
Dan Elton, Ph.D. (he/him)

On Thu, Sep 30, 2021 at 10:24 AM SpaceXBocaChica <[REDACTED]> wrote:

Thank you for your message. The requested email address has been added to the project mailing list.

From: Dan Elton <[REDACTED]>
Sent: Friday, September 17, 2021 5:53 PM
To: SpaceXBocaChica <[REDACTED]>
Subject: I would like to subscribe to the mailing list

Hi,

I am a concerned citizen concerned about the way FAA is making things unnecessarily difficult for SpaceX just to do a few launches.

The 30 day waiting period should have started long ago!!

As a citizen and stakeholder in the success of spacex's mission to put people on Mars, I'd like to be updated on the public comment meeting etc

See my tweet thread for more:

<https://twitter.com/moreisdifferent/status/1438981152119926786?s=20>

Regards,

-- Dan

--

Dan Elton, Ph.D. (he/him)

[REDACTED]

[REDACTED]

From: Andres Torres <[REDACTED]>
Sent: Thursday, September 30, 2021 5:55 PM
To: SpaceXBocaChica
Subject: Re: Programmatic Environmental Assessment Public Review

Dear Ms. Stacey Zee,

I am writing to you in support of SpaceX plans at the Boca Chica Launch Site.

Our planet is in dire need to develop technology and production systems that allow our civilization to thrive moving forward.

While one may be tempted to sacrifice important projects for short term gain, we must focus on the long term impact of having the ability to have cheap access to space.

The opportunities for our country and humanity in general are great, and as an American and a citizen of this world, nothing will make me happier to see the first starbase being built in the state of Florida. A state that has demonstrated that space exploration enhances the understanding of our world, and has allowed us to observe it and get a better understanding of the health and challenges we have ahead.

Sincerely,

Andres Torres PhD.

From: Erin Patrick Lewis <[REDACTED]>
Sent: Thursday, September 30, 2021 1:25 PM
To: SpaceXBocaChica
Subject: RE: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site (Public Comment)

Go SpaceX!

From: Zak Levenstein <[REDACTED]>
Sent: Thursday, September 30, 2021 5:40 PM
To: SpaceXBocaChica
Subject: Space X public Opinion

Hello I support the construction and building of Starbase in Boca Chica! They're changing the course of humanity one rocket test at a time!

From: theFurstyFerret <[REDACTED]>
Sent: Friday, September 17, 2021 2:20 PM
To: SpaceXBocaChica
Subject: Space X

Please give permission for space x to launch the starship.

thank you

--
<~Rick~>

From: gotorah <[REDACTED]>
Sent: Thursday, September 30, 2021 10:54 AM
To: SpaceXBocaChica
Subject: SpaceX ~ Boca Chica

As the only Privately funded space venture that believes that they should provide an honest and safe launch system at a fair cost to the American Taxpayer,
Please accept and authorize the SpaceX Launch Plan for Starship/Super Heavy, both for Suborbital and Orbital Testing and Operational Launches.

Thank you for your consideration,
Kerry White

Sent with [ProtonMail](#) Secure Email.

From: iHeart Tesla <[REDACTED]>
Sent: Thursday, September 30, 2021 4:21 PM
To: SpaceXBocaChica
Subject: SpaceX at Starbase

To Whom it May Concern,

The United States and the WORLD need SpaceX to continue its advancement of space technology. SpaceX is **mission** driven; it's innovating with speed and urgency that has never been seen before. It's constantly pushing the envelope with its iterative design process and making incredible progress. Its achievements are mind blowing; this email would be too long to list them all. To learn more about what makes SpaceX so special and sets it apart from any other aerospace manufacturer and space transportation services company, please visit: <https://en.wikipedia.org/wiki/SpaceX>

Additionally, SpaceX is **INSPIRING SO** many people all over the world. I have become a space enthusiast and love sharing my excitement with my students each year; this year it's fourth graders! We absolutely loved learning about the FIRST all civilian crew Inspiration 4 mission! SpaceX allows ALL OF US TO DREAM...

Elon and SpaceX **must** be allowed to continue their work at Starbase and achieve their mission: *To reduce space transportation costs and make life multiplanetary.*

*****GO SpaceX***GO STARSHIP***GO ELON*****

Thank you for taking the time to read my email!

Starship-Sized SpaceX Fan,
Jill-Marie Mika

From: Yan Besidski <[REDACTED]>
Sent: Thursday, September 30, 2021 2:03 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica facility Environmental Assessment

Hi,

Wanted to say that I wholly support SpaceX operations at Boca Boca Chica as essential for humanity

Moreover, Elan Muck's companies in general and SpaceX in particular are known for an excellent record of environmental stewardship.

I feel there is no reason not to grant SpaceX the launch licence for Boca Chica facility

Please reflect on the fact that the (opinionated) but very small group of misguided people who think they somehow protect the environment while impeding technologies that would actually do so could not and should not prevail upon the broad support of the general public.

Sincerely,
Yan Besidski
[REDACTED]

From: John Bascom <[REDACTED]>
Sent: Thursday, September 30, 2021 12:12 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Launch Site

I am writing to encourage the FAA to approve the Draft PEA. There are several important reasons that I believe supersede environmental objections.

This launch site is proposing to launch the largest, most capable rocket ever built. Not only has NASA approved the rocket to put Americans back on the moon, but it is also being developed to put Americans on Mars. These goals cannot be overstated, and I believe are of greater importance than any single objection. A no-action would cause complete chaos with the Starship program, delay the program by years, and put in jeopardy the ability for NASA and SpaceX to put Americans back on the moon in this decade.

The site is remote, and due to the very small footprint of the launch site, any impacts to the environment will be minimal even in a worst case scenario. Because of the nature of rocket launches, building a launch site at this location will ensure it stays mostly in its natural state with minimal development along the protected shoreline. It is not unprecedented for launch sites to be located in and around nature preserves. The Kennedy Space Center is one such example of a thriving nature reserve by an active launch site.

Again I strongly encourage the FAA to approve the Draft PEA to advance the test program to the first orbital test flights of the world's first fully reusable launch system.

John Bascom

From: Sean League <[REDACTED]>
Sent: Wednesday, September 22, 2021 3:38 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Review Comment

SpaceX is one of the few companies in the US that inspires the world and makes the US a leader in not only technology but bettering the future of mankind. The work that SpaceX is doing is lowering the access cost to space and developing new technologies along the way. All of this is not just for the betterment of mankind, but its survival. Being a multiplanetary species will ensure ours, and the species we bring with us, long term survival. It is imperative that we move as quickly as possible towards this goal. I don't see anything worthy of a delaying these goals.

--

Sean League
Co-Founder/VP Space Systems
SpaceFab.US
[REDACTED]

From: [REDACTED]
Sent: Thursday, September 30, 2021 10:32 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica
Attachments: 2021-04-06_19.52.41.jpg; 2021-04-17_15.20.49.jpg; 2021-08-15_20.09.56.jpg

FAA

30th September 2021

Dear Sir, or Madam,

The future is Hybrid fuel Electric self charging cars. Texas Oil and OPEC middle East peace. Putting a Space rocket in a habitated area is as bad as pretending Electric battery landfill and hydrogen fuel deserts and floods are a good idea.

1) fly from NASA Florida. Rent SpaceX a Launch pad. If someone try 9/11 then the military will jump on it.
2) not all SpaceX rockets land well, see 1).

3) SPACE PORT AMERICA NEW MEXICO already has winged sub orbital Virgin Galactic.

4) California has Virgin Orbit satellite launch system.

5) fly SpaceX on Virgin Atlantic flights from California to New Mexico or Texas to New Mexico. And Space Force Colorado trainees. Or drive them in a hybrid car. Or do both with a hybrid fuel electric self charging flying car that uses existing roads, airports and air traffic control.

Money cannot buy space travel. You need Exo thermic staggered ignition fission propulsion system, see UK embassy of USA.

Astronauts can mine Dust for concrete, heated for glass and silica for Microchips for every electrical device as Market. Uranium is needed for earth, use the asteroid belt to find it.

It is not the Boca Chica income from a launch site, it is the putting of a massive rocket near oil reserves of Texas America knowing what happened to the Hindenburg when Europe blackshirts ruled. Ever seen Iraq with Saddam Hussein and we run out of oil UK 2030.

Rent SpaceX Florida NASA Launch platform. For safety.

Rent Virgin Galactic Edwards Airforce Base and others as potential landing areas for Virgin Galactic winged rocket Flight. Sell space on international space station when Artimis Lunar programme gets more funding, Privatise it. Give SpaceX and Blue Origin somewhere to go.

SpaceX could build at Space Port America New Mexico. No one there to drop in on. Purpose built. Only a plane or car ride away. Sell the launches to Space Force and NASA and any other country or company.

Yours sincerely,

Philip Miller

The Grand Tour



Aeromobil



May



TerraFugia Transition-Hammond



KleinVision Air Car



Clarkson

A Massive Hunt by Flying Cars



**China Space Plane
Rocket launched**



**Boeing X37B
Rocket launched**

SPACE TAXI SERVICE



**Mach 6.7
Lockheed Martin X15A
with Drop Tanks**



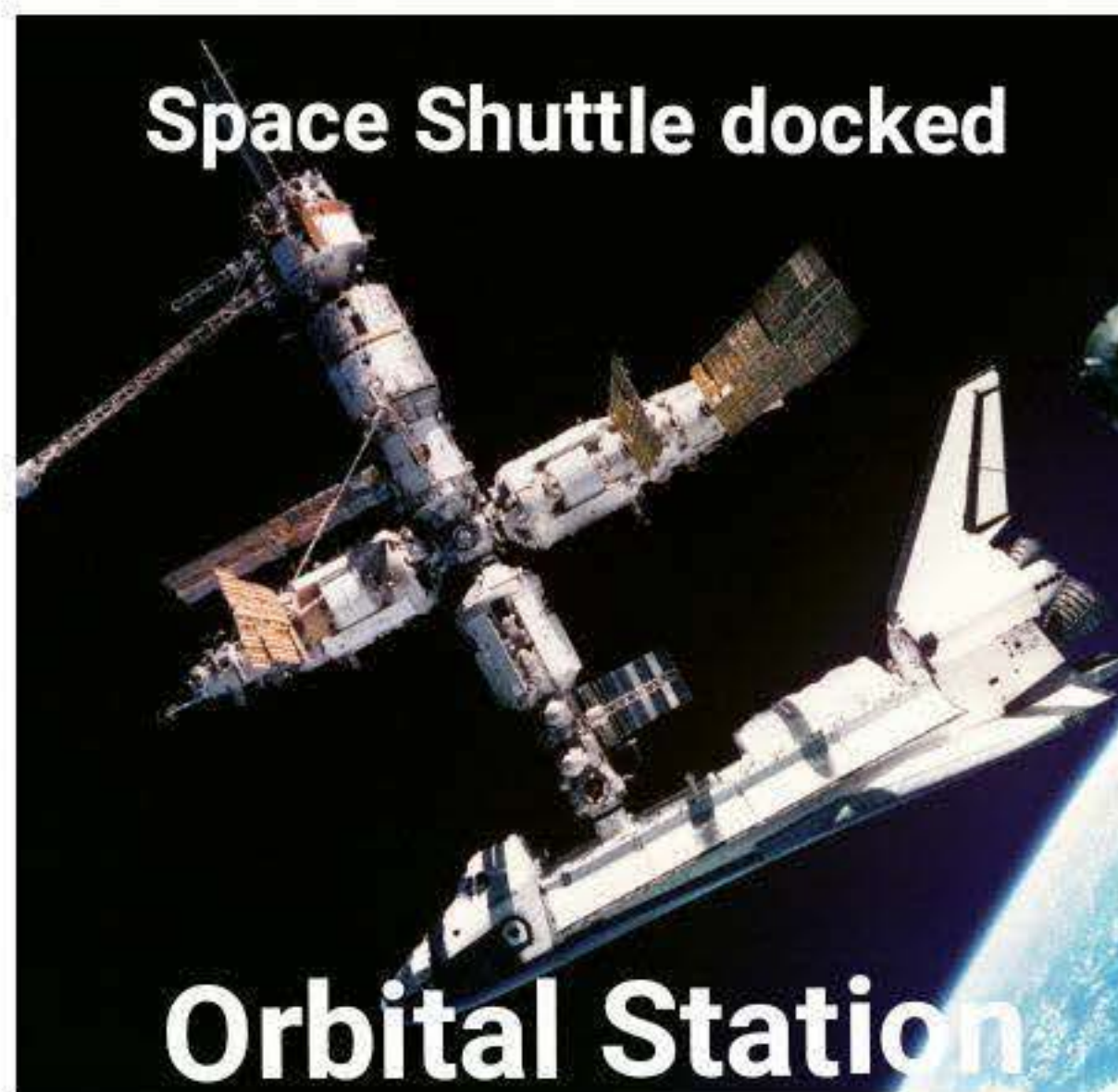
**Pegasus satellite
launch**



Virgin Galactic



Lockheed Martin X15



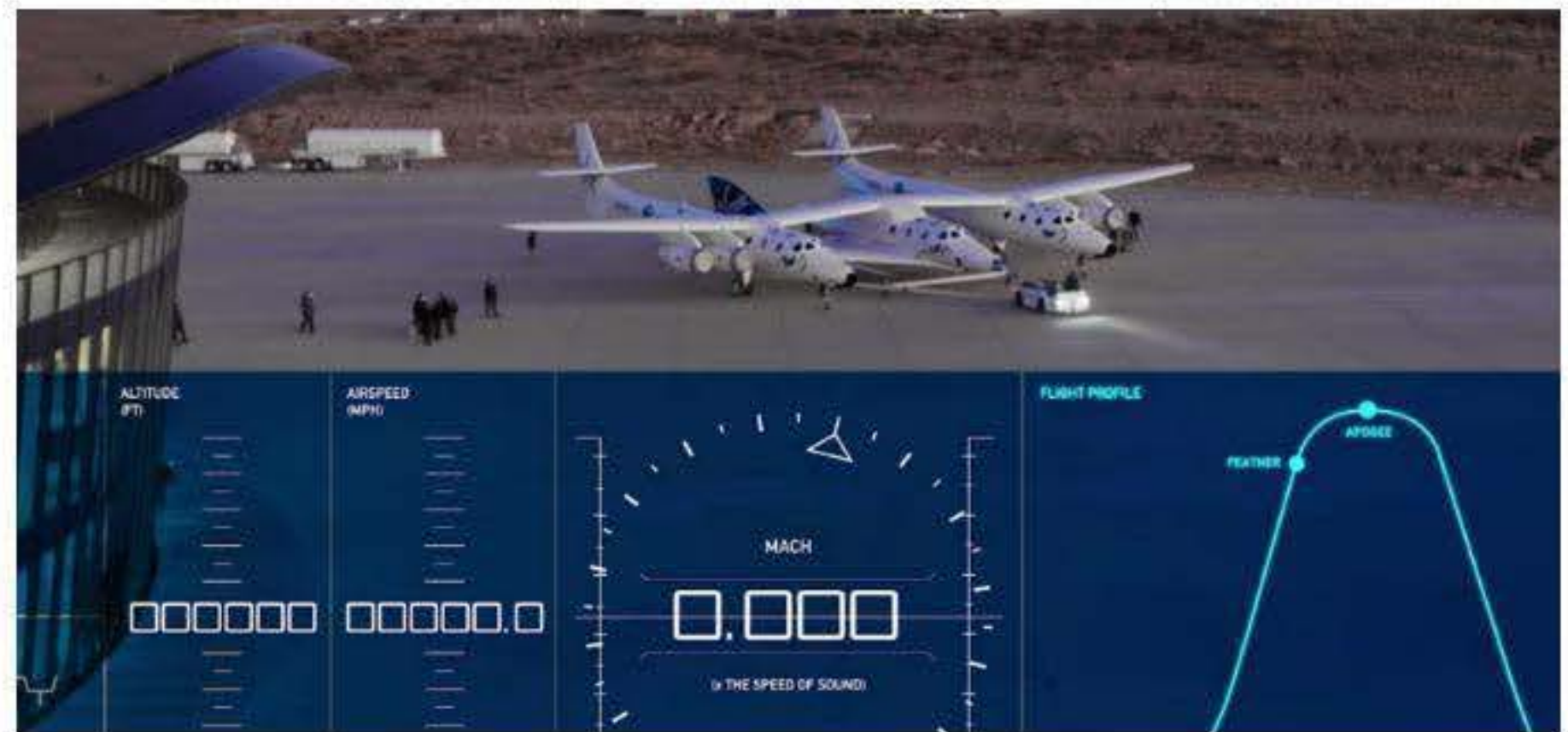
Space Shuttle docked

Orbital Station



**LOCKHEED MARTIN
VENTURESTAR**

Aerospike engine



From: Dave McNally <[REDACTED]>
Sent: Thursday, September 30, 2021 6:08 PM
To: SpaceXBocaChica
Subject: SpaceX comments

Dear FAA officials,

It's my sincere hope that SpaceX receive complete government support in their quest to launch Starships from Boca Chica.

I grew up in the early days of NASA. My memories of the Apollo missions formed the foundation of my love for science and technology. Since SpaceX began launching rockets, my spirit has been rekindled. I try not to miss any launch. They're inspiring.

Look what humans can do when we attempt the unthinkable! Americans are leading the world in innovation. Please consider the value of discovery. SpaceX has an audacious plan and quite possibly could be the beginning of a new future as a multiplanetary civilization.

This has to outweigh any environmental concerns that could easily be mitigated.

Thanks for listening.

David McNally
Sgt. 1st Class (Ret.) U.S. Army
[REDACTED]

Sent from my iPhone

From: Tim McClain <[REDACTED]>
Sent: Thursday, September 30, 2021 8:29 PM
To: SpaceXBocaChica
Subject: SpaceX EA Boca Chica

FAA needs to immediately approve unrestricted space launch operations for SpaceX Starship now and for the future to get the USA back in the lead in space forevermore.

George T. McClain
Sun City, Arizona

From: Dan Linares <[REDACTED]>
Sent: Thursday, September 30, 2021 8:08 AM
To: SpaceXBocaChica
Subject: SpaceX Environmental Assessment

Dear FAA:

I read your draft SpaceX environmental assessment with great interest.

I'm writing to strongly encourage the FAA to quickly grant permission for SpaceX to proceed with their Starship testing and development launch program. What SpaceX is attempting is the most inspiring thing going on in the entire world at the this time! SpaceX is not motivated by typical corporate greed but by the urgent need to make humanity a multiplanetary species before some disaster makes this incredible goal impossible. A fully and rapidly reusable super heavy launch system would save the US Defense Department, NASA and US taxpayers many billions of dollars!

Another reason to improve this application is that the area around Brownsville Texas is one of the most economically depressed areas in the US. The hundreds of millions of dollars and hundreds of good paying jobs created by SpaceX and Elon Musk's \$30 million local charitable donation is creating a boom for the Brownsville/Boca Chica economy.

Please do not delay this incredible project that is so important to the future of humanity and the United States.

Sincerely,
Daniel Linares

From: Greg Shealy <[REDACTED]>
Sent: Thursday, September 30, 2021 6:42 AM
To: SpaceXBocaChica
Subject: SpaceX faa

I am writing to ask that the faa allow spacex to launch from the boca Chica spaceport as many flights as they can do. It is essential to our nation's future in space. Please do not let administrative hurdles stop this innovative company.

Best

Greg shealy

From: [REDACTED]
Sent: Friday, September 17, 2021 3:18 PM
To: SpaceXBocaChica
Subject: SpaceX has a history of disregarding existing regulations/protocol

I'm all for advancing technology but in the right way. In the case of SpaceX, however:

- 1) They repeatedly demonstrate they do not honor pre-approved licenses and/or seek pre-approval for any necessary licenses.
- 2) They flagrantly disregard existing regulations.
- 3) They seemingly have no regard for negative externalities caused by their activities.

Thank you,

Michael Bouck
San Diego, CA

From: Linda Falcon <[REDACTED]>
Sent: Thursday, September 30, 2021 11:43 AM
To: SpaceXBocaChica
Subject: SpaceX in Brownsville Texas

First of all I believe it's just a waste of time and money. Those people with so much money just concentrate their efforts here on Earth. The earth is undergoing climatic change that is affecting each one of us. We now have stronger and more frequent natural disasters. We all have been witness to the Fire's in California hurricanes in Texas, Louisiana, Florida and other eastern states.

Space X is primarily a rocket ship tour company. The Wealthy take these trips to the moon just for the fun of it. No exploration for the sake of science. The main goal here greed and the opportunity to make money at the cost of our planet earth. We need to Stop abusing our planet and start healing all the harm we done to it. The noise created by these rockets effect all animal and people around it, the fumes and trash created by each launching is innumerable.

Stop the commercialization of our space for the benefit of profit. Space X is ont the first how many more are to follow?

From: Mason Besmer <[REDACTED]>
Sent: Thursday, September 30, 2021 7:47 PM
To: SpaceXBocaChica
Subject: SpaceX public comment

Let SpaceX do what they need to do in order to get us to Mars!!

Mason
Fort Worth Texas resident
Sent from my iPhone

From: Ralph Zeuner <[REDACTED]>
Sent: Thursday, September 30, 2021 3:33 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy - Public Comments

To Whom It May Concern,

I am writing to you to express my hope that your agency will expediently grant SpaceX any required licenses to launch Starship Super Heavy from Boca Chica.

The future of American heavy launch spaceflight, whether human or cargo, hinges on this endeavor, given that Delta 4H and Atlas vehicles are all spoken for. Boeing's continued failure with Starliner underscores this precarious situation and ULA's inability to build Vulcan since they don't have the BE-4 engines from the equally incompetent Blue Origin completes the embarrassing current state of America's space industry, leaving SpaceX as the ONLY success story.

In addition, any NASA project to reach Moon or Mars will need Starship one way or another. SLS is a \$20 billion boondoggle that has yet to launch and cannot compare to Starship at all. On top of this, SpaceX will massively reduce launch costs, giving relief to taxpayer and commercial customers. Once Starship is fully operational, it will completely revolutionize and corner its market worldwide.

It is no overstatement to say that the importance of Starship to our nation exceeds even that of the Saturn-5 in its day. In my humble opinion, nothing except significant loss of life should be allowed to stay in the way of SpaceX getting what it needs to get this job done, not just for itself but for the good of this nation.

Thank you for considering my comments!

Ralph
Raleigh, NC

From: Leo <[REDACTED]>
Sent: Friday, September 17, 2021 12:32 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Let Elon and SpaceX team fly! The whole world wants to see it happen! Go SpaceX!

From: Rohan Aarons <[REDACTED]>
Sent: Thursday, September 30, 2021 6:54 AM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

FAA,

Please work fast and grant SpaceX there launch license.

From: Vincenzo Verona <[REDACTED]>
Sent: Friday, September 17, 2021 2:20 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Superheavy importance for the future not only of US but the world.

To whom it may concern; I'm from Costa Rica but the Starship program is really admirable and amazing to see as it happens ,and to see that the window of opportunity of sending the first humans to Mars in this decade is really big really serves as inspiration for millions of young students of engineering like me around the world. Really hope this amazing vehicle can fly this year with your help. Thanks.

From: Sasha Parfenov <[REDACTED]>
Sent: Thursday, September 30, 2021 4:34 PM
To: SpaceXBocaChica
Subject: SpaceX Starship/Super Heavy at Boca Chica Draft PEA Comments

Ms. Stacey Zee,

SpaceX Starship/Super Heavy program at Boca Chica is essential for many reasons including:

- Increasing United States access to space by supporting higher cadence of launches and redundancy of launch locations.
- Increasing jobs, business opportunities, and quality of life in Texas and the local area.
- Supporting an incredibly innovative program, which will revolutionise our access to space by significantly reducing cost of access with fully reusable Starship and Super Heavy vehicles.
- Supporting national aspirations of permanent presence on the Moon.
- Protecting United States interests in space access and defensive capabilities with potential competition and military threats from other nations.
- Supporting tremendous amounts of scientific discoveries and progress which can be made with inexpensive space payloads (telescopes, laboratories, etc) which will improve lives of all individuals.
- Supporting access to almost unlimited amounts of rare and valuable resources found beyond Earth.
- Supporting almost unlimited economic growth which will happen as a result of many people and industries moving off Earth.
- Supporting the ambitious and yet achievable goal of making life multi planetary and preserving the light of consciousness in cases of extinction level events, which Earth has experienced multiple times in the past, and is likely to experience again.

This program will bring many benefits which will far outweigh the possible environmental impacts, and I strongly support it to be approved.

Thank you for your consideration.

Alexander Parfenov

From: LeoMaria Claridad <[REDACTED]>
Sent: Friday, September 17, 2021 11:40 AM
To: SpaceXBocaChica
Cc: [REDACTED]
Subject: SpaceX Starship/Superheavy Project

9/17/21

Hello,

I support Elon's/SpaceX mission to make earth life multi-planetary. I know SpaceX is doing everything to make this project safe and right for the benefit of mankind.

Let's support them without delay.

Thank you.

Leo Claridad

Sent from my iPhone

From: Lord Chungus <[REDACTED]>
Sent: Friday, September 17, 2021 2:20 PM
To: SpaceXBocaChica
Subject: SpaceX's Starship project in Boca Chica

To whom it may concern,

Space exploration is as important as the internet. Let one of this generation's best inventors innovate for Americans and humans of the earth to become multi-planetary. I can't even imagine the second-order effects and prosperity projects like this will have. Be bold.

I support humanity's future on the moon, Mars, and beyond.

-James Jackson

From: Lpw <[REDACTED]>
Sent: Friday, September 17, 2021 2:42 PM
To: SpaceXBocaChica
Subject: Starship DEA

Hello, I would like to voice my public support in regarded to the starship boca chica. I think this place will become a landmark in the brownsville area. As well as bringing to new jobs and tourists to the area. In conclusion I voice my public support in agreement for the DEA of boca chica starbase.

Regards lucas

From: cameron <[REDACTED]>
Sent: Friday, September 17, 2021 2:24 PM
To: SpaceXBocaChica
Subject: Starship Environmental Review

As a member of the public, SpaceX's operations in Boca Chica concern me. The demonstrated mismanagement, and lack of care for public safety and regulation, prove to me that SpaceX is not capable of safely operating their launch vehicle in close proximity to Brownsville and Mexico.

Thank you

From: Jacobson, Ezra <[REDACTED]>
Sent: Friday, September 17, 2021 11:36 AM
To: SpaceXBocaChica
Subject: Starship is vital to the US and all humankinds growth in space

Starship is the most important step in the growth of rocket technology sense the early 60's and most be allowed to develop as fast as possible without undo interference from government bureaucracy. Please approve the Boca Chica launch site.

Ezra Jacobson
-A concerned citizen

From: StarshipSLS <[REDACTED]>
Sent: Friday, September 17, 2021 11:34 AM
To: SpaceXBocaChica
Subject: Starship

You need to grant SpaceX a launch license. It is important to our future. Starship will enable humanity to go to Mars and become a multi planetary species.

Thomas Lay
Founder
Future Astronaut
[REDACTED]

From: Dana Morgan <[REDACTED]>
Sent: Thursday, September 30, 2021 1:29 PM
To: SpaceXBocaChica
Subject: Starship/Super Heavy Program RFC - Dana Morgan

Ms. Stacey Zee,

In response to the FAA's request for public comment regarding SpaceX's environmental review of their proposed Starship/Super Heavy Program in Boca Chica, TX, I submit my thoughts:

As a species, we humans have rarely stagnated in our explorations of the world around us and, more recently, our Solar System. What's more is we have risked our careers, fortunes, and even our lives throughout history for the pursuit of a better understanding of the Cosmos and beyond. I respectfully request that the FAA not cast those sacrifices in vain, but support SpaceX in their endeavors which will ultimately lead to a better understanding of the Universe in which we live.

We have come so far since believing in a geocentric model of the Universe, yet we have so much more to learn and understand! We can do that with time and resources. I believe SpaceX's underlying mission is to extend the light of consciousness. Existential threats have plagued our existence since before we knew of their existences. We should push to thwart their potential by spreading humanity to other locations in our Solar System and potentially beyond. We might not be able to snuff out all existing threats; however, we can ensure the survival of humanity and other Earthly lifeforms by giving us another place to live in the event that Earth becomes uninhabitable for some amount of time.

Therefore, in the spirit of continuing to endeavor towards the stars, I believe we should not hinder or halt SpaceX's Starship/Super Heavy program, but that we should encourage SpaceX to continue pushing towards their goal of colonizing Mars – of extending the light of consciousness.

Our curiosity of the Universe we inhabit has never been as close to being satisfied as it is right now. This window of opportunity to spread life amongst the stars may not be open for long. Let's see just how far our understanding can go. Ad Astra! ✨

Sincerely,
Dana Morgan
[REDACTED]

From: Jim <[REDACTED]>
Sent: Friday, September 17, 2021 4:25 PM
To: SpaceXBocaChica
Subject: Subscribe please

Please add me to your mailing list so I can be kept informed on events as this progresses.

Like many, I wish to see SpaceX be able to continue making advancements in Space flight tech, but balanced against knowing safety concerns have been reviewed

Regards,
Jim Towler
Wellington
New Zealand

(Sent from a mobile email client, so the above may be shorter than ideal, and with worse spelling and grammar. Please ask if I have been unclear, or not addressed any questions you have. Thank you.)

From: Alex Wagner <[REDACTED]>
Sent: Thursday, September 30, 2021 1:38 PM
To: SpaceXBocaChica
Subject: Support for SpaceX's Starship in Boca Chica

Hi there,

I greatly support SpaceX's Starship project in Boca Chica. It is the most inspirational project in my lifetime, for all of America, and for all of humanity. Please keep the United States ahead of the rest of the world and allow SpaceX to do what they do best — take us to the Moon, Mars, and beyond!

Thank you,
Alex

—
Alex Wagner
[REDACTED]

From: Gangireddy Srirami Reddy <[REDACTED]>
Sent: Thursday, September 30, 2021 2:52 PM
To: SpaceXBocaChica
Subject: Support for starship launch

I support SpaceX's Starship launch. It will be a big milestone for cheaper space access and Moon/Mars colonization.

Regards,
Srirami.

From: Michael Thomas <[REDACTED]>
Sent: Thursday, September 30, 2021 1:09 PM
To: SpaceXBocaChica
Subject: Support in SpaceX and the vision of Elonmusk

I believe that the future of the multi-planetary concept that Elon Musk is contemplating through Starship and experimental Starship operations at Boca Chica or the Boca Chica area is essential for our progress as a nation and as a species. Elon has responsibly located his operations as far south as possible and away from populated areas. Although Brownsville is close the operation will launch the vehicles towards the sea. SpaceX is not new at spaceflight and is not new at rapid experimental prototyping. The Falcon program demonstrates that. SpaceX and Elon Musk has made impossible and strategic strides forward in space travel in such a short time. I believe we as a nation have to give SpaceX the ability to grow and allow them to succeed. Elon Musk and SpaceX have already proven that they will operate in a safe and productive way with regard to both humans and nature in their endeavors. I believe we have no choice but allow the innovators at SpaceX the latitude to conduct their program and launch us into the 22nd century and beyond. Safety is and should always be paramount. When we started the space program at NASA we were working with government money and we as a nation had to be careful how we spent it so lawyers did not jump down the politician's throat and start a mass media shaming. That is not the case and thank your god that Elon and SpaceX are above that kind of ridicule. Please allow SpaceX to venture into the unknown with our blessings. Thank you for listening to a layman's comments.

From: David West <[REDACTED]>
Sent: Thursday, September 23, 2021 9:02 AM
To: SpaceXBocaChica
Subject: Support of FAA recommendation of SpaceX launch

To Ms. Stacey Zee,

I support allowing SpaceX to continue its operations in Boca Chica for the foreseeable future. I don't believe limiting launches should be a prerequisite as the benefits of the launch site outweigh the consequences of delaying any operations required. The number of hours of beach and road closures allowable should be increased in my opinion to support any and all needs required.

Sincerely,

--

Dave West, Professional Engineer

From: Andrew Green <[REDACTED]>
Sent: Tuesday, September 21, 2021 6:11 PM
To: SpaceXBocaChica
Subject: Support SpaceX

Dear Stacey Zee,

I support SpaceX continuing operations, launches, and flights at Boca Chica, Texas and elsewhere because the work they are doing is critical to America and eventually all of humanity.

Boca Chica is quite remote and a good location for this activity.

I believe there are other issues that would be more beneficial to focus on such as the approximately 3.2 million orphaned or abandoned oil and gas wells that are leaking greenhouse gases into our atmosphere.

Thank you.

Best regards,
Andrew Green

From: Abhinandan Aelgani <[REDACTED]>
Sent: Friday, September 17, 2021 3:08 PM
To: SpaceXBocaChica
Subject: Supporting spacex

I fully support spacex to continue with starship building and testing, I strongly believe starship will be a major upgrade to human civilization, what's happening in boca chica will change how we live our lives for good in next 20 years. Please give spacex free go to work on

From: Avinash Bagam <[REDACTED]>
Sent: Friday, September 17, 2021 2:00 PM
To: SpaceXBocaChica
Subject: Supporting the SpaceX BocaChica launch and test Site

Dear FAA,

This comment is in strong support of SpaceX's mission of making humanity a multi-planetary species. Looking at the environmental assessment document, this site has the least impact with the reward being very high once these tests and launches are successful.

Thanks,
Avinash Bagam.

From: Johan De Lange <[REDACTED]>
Sent: Thursday, September 30, 2021 6:00 PM
To: SpaceXBocaChica

Dear Stacey.

Thank you for the received notice.

As an Annexure to my previous email submission, in support of the groundbreaking work being undertaken at Boca Chica, I propose mitigating measures with regards to the noise levels that the space operations will generate.

Accoustics engineers should look at the technology used in sound rooms, to dampen and absorb the noise that will be generated from the Super Heavy space launches.

The feasibility of placing sound dampening barriers on the perimeter of the launch installation to absorb and deflect the noise generated vertically to wards the air and the ground, should be considered.

The water deluge system used elsewhere at launch facilities might be the solution, or maybe there are alternative materials used in sound rooms that can be used.

I trust that this proposal will be taken into consideration.

I thank you for this opportunity, for this submission.

Sincerely.

Johan de Lange, Pr.Eng MSc.Eng(Civil)

From: Nitika <[REDACTED]>
Sent: Friday, September 17, 2021 11:22 AM
To: SpaceXBocaChica

honestly i support elon and i believe that humanity should go to mars and beyond

02688

From: Richard <[REDACTED]>
Sent: Thursday, September 30, 2021 12:55 PM
To: SpaceXBocaChica

Allow SpaceX launch starship!

From: johnny depp <[REDACTED]>
Sent: Friday, September 17, 2021 2:43 PM
To: SpaceXBocaChica
Subject: WE ASK YOU TO ALLOW SPACEX ACTIVITIES IN RELATION TO THE STARSHIP PROGRAM!

Starship and spacex represent the future of humanity not only that starship could be an asset with greater value than any other rocket in use right now for the United States of America! In relation to the environmental issues expect SpaceX to take the right action to diminish the risk for the local wildlife! And in regard safety , most of the crashes or explosions are just temporary, SpaceX is the most innovative company in the world and there is no doubt that given the chance they will improve the reusable rocket system to be as reliable as airplanes like the 747!

From: Capt. Randall Fleming <[REDACTED]>
Sent: Friday, October 1, 2021 2:10 PM
To: SpaceXBocaChica
Subject: Add to mailing list

I support the Orbital Launch capability by Space X at Boca Chica TX. Please adopt and approve all Space X submitted requests without delay.

Please add me to the email list for updates.

Capt Randall Fleming



From: Sathvik <[REDACTED]>
Sent: Friday, October 1, 2021 2:24 PM
To: SpaceXBocaChica
Subject: APPROVE SPACEX OPERATIONS

Has part of public comment period i would like spacex to proceed with their start ship and super heavy launches from boca chica.

From: Mike Atkinson <[REDACTED]>
Sent: Thursday, September 30, 2021 9:32 PM
To: SpaceXBocaChica
Subject: Approve SpaceX Star Ship Flights

I fully hope the FAA approves all SpaceX flights in the coming years at Boca Chica.

Thank you

Michael Atkinson

Chandler, Az.

From: Kevin Hughes <[REDACTED]>
Sent: Friday, October 1, 2021 5:52 PM
To: SpaceXBocaChica
Subject: Boca Chica Starbase Environmental Assessment Public Comment

I'm a voter and a tax payer. I don't live in Texas but I consider this spaceport and the vehicles being built there to be of the highest national importance. I certainly understand the need to be responsible stewards of our environment and also to be good neighbors. But frankly speaking, this Starship factory and launch site is one of the most history-making endeavors our country has ever done. I don't think the singular importance of Boca Chica's rocket factory and spaceport can be overstated.

I am in favor of the Starbase being granted approval to continue at the very fastest possible speed. I am in favor of making whatever exemptions and special rules or processes may be required to speed up the program. I certainly do not want government bureaucracy to be the reason why flight capable hardware sits on the ground. For the sake of our country and all humanity, please aid this endeavor in any way possible.

Thank you for your time,
Kevin Hughes

From: Matthew Taylor ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Friday, October 1, 2021 1:12 PM
To: SpaceXBocaChica
Subject: Comment for Programmatic EA on Starship/Super Heavy launch operations

Dear Federal Aviation Administration,

I urge the FAA to conduct a new EIS for the SpaceX Starship/Super Heavy operations currently underway at SpaceX's Boca Chica site. From the 2014 FEIS, the objective, launch vehicle, and the size and scope is entirely different, which potentially may include off-shore launches via Super Heavy-class spaceports, Super Heavy re-landing on the launch stand, simultaneous launches, and a resort.

FAA should consider not just the "proposed project" and "no action" alternatives, but also other alternatives that include launches of Starship from an offshore platform or moving Starship launches to Cape Canaveral, for which the necessary infrastructure already exists and is situated further away from National Wildlife Refuges and/or state park land.

A new cumulative analysis needs to be conducted. A 3rd-party launch failure analysis is needed due to the proximity of Port Isabel, Long Island Village and potentially three LNG export terminals within five miles of the launch site. Additionally, an analysis of the potential impacts to the proposed Jupiter LLC project, a crude upgrading, processing and export facility which includes an offshore VLCC loading facility six miles offshore.

A new biological opinion is needed. The Starship is much larger, there will be more testing, more beach closures, and more traffic where endangered wildlife is present. More closures of Boca Chica beach will result in increased inaccessibility to monitoring of endangered sea turtle nesting sites.

Additionally, I request the FAA enforce and/or hold SpaceX accountable to their required mitigation.

Sincerely,

Matthew Taylor
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Matthew Taylor ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Friday, October 1, 2021 1:11 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Matthew Taylor
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Monica Garcia ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Friday, October 1, 2021 8:30 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

This issue matters so much to me because it holds a meaning in my heart. Boca chica beach has been a part of my life since i was a little girl. It has so much marine life like sea turtles amongs other beautiful creatures. It also has a lot of wildlife like migrating species of bird life. It was my grandpas favorite place. He loved the boca choca beach so much, he loved fishing there. He unfortunately passed away August 1 of 2021. It would break my heart if boca chica went to [REDACTED] because of space x. We would lose all the riches and beautiful scenery it provides for us. All the rich culture it has giving us among generations. It would be lovely if my kids and grandkids can also enjoy and make the same memories my parents and grandparents gave me. Space x only will contaminated and destroy everything in its path.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of pubic safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Monica Garcia
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter| Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter| Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Helen Flores ([REDACTED]) Sent You a Personal Message < [REDACTED] >
Sent: Friday, October 1, 2021 8:28 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

This has been our family beach for generations. It is heartbreaking to watch the damage done by spacex launches and explosions. The constant nightly stadium lighting is a deterrent to nesting sea turtles. Help us save and protect our beach dunes and surrounding wildlife corridors. Spacex does not belong here.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Helen Flores
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Ray S <[REDACTED]>
Sent: Friday, October 1, 2021 8:44 PM
To: SpaceXBocaChica
Subject: Comment on SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear FAA Administrator,

I am availing your invitation to comment on the PEA for SpaceX's facility in Boca Chica, TX.

I note that the original approval was for launching Falcon 9, not the much larger Super Heavy and Starship vehicles. I note that the facility is located right next to a PRE-EXISTING nature reserve with several endangered species that are critical to the local ecosystem - various species of sea turtles, ocelots, souther coastal jaguarundi, plovers, -- the list is long!

By what conceivable rationale can the FAA, a taxpayer funded agency, approve the wanton destruction of this habitat (I understand that it won't be impacted by building directly, but the impact of explosions, dangerous rocket fuel leaks and emissions and MUCH ENLARGED activity for Falcon Heavy and Starship make it inevitable), in favor of a private company that has pretty wantonly flouted FAA regulations ?

Please do your job and prevent private companies from exploiting public and fast disappearing natural resources.

From: Mersi Ana <[REDACTED]>
Sent: Friday, October 1, 2021 3:06 AM
To: SpaceXBocaChica
Subject: Comment

Good day,

Although I'm a big fan of Elon Musk and all his success in life, I **cannot** be in consent for him to bring on Starship Super Heavy to Boca Chica Beach. The region does not hold capacity. Although his launch pad is away from the public by a couple miles, if a Spaceship were to come crashing back at us, it would potentially destroy the beaches I love growing up. It would hurt thousands of locals emotionally and maybe physically. People do still live on the TX-4 road he closes. People still live in Boca Chica Village. I live 70 miles away and the thought of Spaceship debris falling over my region that he did not grow up in, and possibly injuring many and destroying property is one even with billions of dollars cannot make up for. He does not own our Valley. He is an outsider that is willing to put us at risk. He has billions of dollars yet chose a small Texas community near the Gulf as if our families don't enjoy the beauty of the water, fishing and boating while watching the Dolphins swim by. SpaceX sees land, fuel dumping and no State taxes, but I see, home and trust which I don't see in SpaceX Boca Chica- Starbase. Picking up seashells stained with oil or fuel was beautiful yet terrifying. Find another launch site with your Billions of dollars for your bigger projects. Start small like helping develop our community with completed Bay bridges, affordable solar energy and satellite internet before you decide to potentially wipe out where I grew up in case of a lethal malfunction happens with Starship Super Heavy. Thanks!

From: Lee Golden <[REDACTED]>
Sent: Friday, October 1, 2021 6:03 PM
To: SpaceXBocaChica
Subject: Comments on draft PEA

I'm sure you are overwhelmed with comments about the Assessment, so I'll keep mine brief:

1) SpaceX chose a location that's as safe as it could be. Rocket design and testing are inherently dangerous work, and they are doing their best to minimize the dangers and pollution risk.

2) **Some things are worth the risk.** The advancement of space travel and technologies are vital for humanity. Existing human spaceflight programs from the "official" agency, NASA, are fraught with cost overruns, shoddy work from contractors hired to design and manage the work, etc.

While NASA is explaining why they can't get things to work properly, SpaceX is launching and recovering rockets, putting humans and cargo in space.

To hamper their efforts would be devastating to the space industry, and our ability as a nation to be competitive with the Russians and Chinese in the space arena.

I strongly encourage the FAA to be as lenient as possible with SpaceX, and allow them to innovate. Government oversight is important, but should not prevent the United States from leading the world in space exploration.

From: Zoltan Kovacs <[REDACTED]>
Sent: Sunday, September 26, 2021 3:58 PM
To: SpaceXBocaChica
Subject: Comments to FAA Draft Programmatic Environmental Assessment of SpaceX Super Heavy Project

September 26, 2021

[REDACTED]

Ms Stacey Zee
SpaceX PEA
c/o ICF,
9300 Lee Highway
Fairfax, VA 22031

Dear Ms Stacey Zee,

This letter is in response to the FAA's invitation for public comment concerning the Draft Programmatic Environmental Assessment (PEA) for the proposed SpaceX Super Heavy project in Boca Chica, Texas. We wholeheartedly support all the efforts SpaceX is making to develop their Starship Super Heavy rocket program at Boca Chica, Texas!

We strongly feel this project is critical for the continued development of affordable and reliable rocket technologies which will further aid development of other technologies critical for mankind's continued progress and survival both here on Earth and in space. The efforts being made by SpaceX, specifically at Boca Chica, Texas, must be allowed to continue without interference or delay by any organization or person. The benefits that can and will come from the Starship Super Heavy project are simply too important!

We emphatically urge the FAA to approve all activities by SpaceX at Boca Chica, Texas in light of the draft PEA because we feel any environmental impact is minimal compared with the overwhelming benefits to humanity. We trust SpaceX to be a responsible pro-environment, pro-human, and pro-global improvement company.

Sincerely,
Zoltan Kovacs

From: Wake Sizemore <[REDACTED]>
Sent: Friday, October 1, 2021 2:44 PM
To: SpaceXBocaChica
Subject: EA Comments

Good Afternoon,

The environmental review conducted by the FAA has been thorough and informative. The benefits that could possibly arise from the experimental testing being conducted by SpaceX dramatically outweigh any downsides of the program.

Thanks,
Wake Sizemore

From: lawfc <[REDACTED]>
Sent: Friday, October 1, 2021 8:12 AM
To: SpaceXBocaChica
Subject: Elon Musk

Elon Musk is the most innovative person on the planet. First, thank whatever deity you believe in that he was born, then get out of his way and let him build our future in space. Allow him to launch his ship as often as he believes he needs to. Then, ask him how he thinks your organization can be improved and take his advice.

Respectfully,

Frank in SC

[Sent from Yahoo Mail on Android](#)

From: [REDACTED]
Sent: Thursday, September 30, 2021 9:55 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

In my opinion it is important that the consequences of SpaceX Starship/Superheavy's impact on the people who live in the area and the environment not be taken for granted or extrapolated from the Falcon project. There is one road(State Hwy 4) leading into the area and the closure of that road has impacted those who live in the region. The people of Boca Chica should have a prominent say as to the determination of how they will live with the Starship/Superheavy project, their inconvenience should not be subordinate to SpaceX. Any material deviation from SpaceX agreements whether intentional or unintentional must have significant consequences to SpaceX that deter deviation and promote the well being of the area. The people of Boca Chica should have advice and consent over SpaceX activities that will impact their livability and livelihood. Attention should be made by SpaceX to adopt methods that will reduce vehicle emissions and residuals as well as their negative impact on the environment.

From: [REDACTED]
Sent: Friday, October 1, 2021 11:46 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The FAA must not hinder Space X's efforts to make humans a space faring species. Please expedite your processes while still maintaining the public's safety.

From: [REDACTED]
Sent: Friday, October 1, 2021 12:17 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX Starship/Super Heavy Launch Vehicle Program should be refused by FAA. 1. After reading through impartial reporting about the proposal, I feel that there are serious gaps in both safety and public use of public land. 2. Local entities have worked for years to find a balance between the environment and new technology but unfortunately the environment has suffered as a result. Years ago this area suffered a tragedy when a tanker full of methanol fell into a waterway and killed all the fish and birds. Compared to SpaceX this tragedy would be nothing. We are talking about the potential for widespread animal death, loss of human life and property. How much is a human being worth to the FAA. SpaceX thinks it's worth a few measly donations to schools and museums to try to bribe their way into our hearts. But who is going to bring back the people and our environment after the massive star cruiser collapses and explodes because that is a reality that you cannot deny. For this reason I asked that you please do not allow star cruisers to launch off of our state and federal natural wildlife areas. It is egregious to think that land that was donated by the Yturria family would now be imperiled by a private corporation that seems to be able to just walk in and write checks and get whatever they want. I thank you for your time and I hope that you reject their proposal. The people of this area wanted them to launch little light rockets that would dazzle the locals and make them think about the future and the possibility of space travel. Nobody signed up to be the garbage pad of a corporation that is willing to bribe its way into our hearts and then push the knife into our backs. I thank you for your time and consideration. Joseph La Follette

[REDACTED] [REDACTED]

From: [REDACTED]
Sent: Friday, October 1, 2021 1:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support SpaceX at Boca Chica, Texas project. It opens a window of opportunity for humanity to discover new worlds, develop mind-blowing technologies, and finally meet brothers in mind in the universe. I am surprised and at the same time delighted that such a historical project can be practically done by one country on Earth, besides by the enthusiasm of a private company. I am sure that the new technologies of this grandiose project will form the basis for the further prosperity of mankind.n

From: [REDACTED]
Sent: Friday, October 1, 2021 1:34 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The environmental impact of space x's Boca chica launch site is a minimal concern. However if this isn't granted the impact on the environment and the future of man kind is unequivocally grave. Approve this site to its fully potential immediately. This is paramount for the future of man kind and our survival as species.

From: [REDACTED]
Sent: Friday, October 1, 2021 1:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern how about this assessment our world population is growing rapidly forcing us to build more factories bigger machines to accommodate we need to move forward with projects like starship to elevate our resources populate other planets spread humanity WE are so lucky to have a Elon Musk in our lifetime.... STARSHIP is crucial for our survival..

From: [REDACTED]
Sent: Thursday, September 30, 2021 10:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support spacex sure there's environmental impacts to consider by launching the starship .But if you are so worried about the environment why are we still using fossil fuels and not switching to clean energy Marine life will go extinct most of the land animal species will go extinct our governments are still testing nuclear warheads in oceans but let's ignore that eyy some you people are trying to reach for another galaxy but haven't even gotten to Mars earth is your mars .If we all would support advancing our civilization instead of advancing the 1% let's first deal with the existing environmental pollution then and only then can we talk about space x contributing to 1% of earths pollution

From: [REDACTED]
Sent: Friday, October 1, 2021 8:53 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think that it is important that we explore the galaxy without this big rocket it likely won't happen we need to get back to the moon SpaceX is focused on just that and more can't wait for the decision to come through

From: [REDACTED]
Sent: Friday, October 1, 2021 12:55 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX has initiated a great opportunity for humanity to be multi planetary. Every great survival requires some amount of sacrifice. We should allow SpaceX to move forward with great speed and pace to give our kids future they deserve.

From: [REDACTED]
Sent: Friday, October 1, 2021 6:34 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please consider the massive contribution to aerospace and the advancement of humanity SpaceX is providing. I am a licensed pilot and find any inconvenience created by flight test TFR's to be small and well worth my patience. Thank You.

From: [REDACTED]
Sent: Friday, October 1, 2021 9:37 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is creating history! Also furthering mankind's out reach into space. They are doing it better and faster than anyone else and one of the biggest problems in this country is the red tape and regulations and hoops that have to be jumped to accomplish anything!!! ALLOW SPACEX TO DO WHAT THEY DO!!! Because China, Russia and some other countries are not waiting for the FAA to give approval!!!

From: [REDACTED]
Sent: Friday, October 1, 2021 9:59 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I don't see how there could be any possible negative environmental impacts by launching a rocket. it's very important that we develop our space capabilities. I fully support SpaceX endeavors to go to Mars and to provide missions for NASA. any environmental concerns should be easily addressed and be of little consequence, Especially in such a remote unpopulated area. It's imperative that our government support such missions

From: [REDACTED]
Sent: Friday, October 1, 2021 10:11 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To Whom It May Concern: I am a firm supporter of space exploration. To the extent that SpaceX can responsibly pursue expanding capabilities for space flight, I support them. However, SpaceX has consistently disregarded and violated regulations and agreements with the FAA and others regarding their site at Boca Chica -- most notably, a site that was licensed to launch a proven rocket a few times a year is being used to develop experimental rockets that are MUCH larger. This has already resulted in scattering the surrounding town and environmentally sensitive areas with debris, and fuel from multiple explosion. Already the area has been set on fire at least once. They have built unlicensed launch facilities for launches of this experimental rocket, placing them so close to the property line that a rocket simply falling over would litter environmentally sensitive areas with fuel and debris, critical habitat for a number of endangered species . It may be that SpaceX is promising the FAA and others that they will take necessary steps to mitigate environmental impact. I'd submit that these promises are totally worthless -- as demonstrated by their consistently and repeatedly breaking previous agreements and regulations. This cannot be emphasized too strongly. They do not keep their agreements, therefore licensing them to do anything based on new agreements would be extremely unwise and irresponsible. Under no circumstances should SpaceX be allowed to expand operations beyond what has already been licensed. They should not be allowed to launch or test ANYTHING from Boca Chica beyond what was originally licensed. Further, given their consistent breaking of existing agreements, to the detriment of critical habitat for several endangered species, they should have current licenses revoked ending operations at Boca Chica. Failing that, they should be strictly held to the agreements under which they were licensed, particularly regarding the size/type of rocket that can be launched and the number of launches per year. Boca Chica is totally unsuited as a location for launching super-heavy rockets, nor for continuous failures and explosions associated with development of an unproven and failure plagued rockets of any type. It would be my hope that SpaceX would continue R&D for their Starship or other rockets and spacecraft, but that they would do so at a location that is not so completely unsuited for such work, and that they would develop a conscience and live up to the agreements they make to protect the public and the environment at some new, suitable, site. Sincerely, James Martin

From: [REDACTED]
Sent: Friday, October 1, 2021 10:19 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I strongly support this project and it should be considered and national priority. Potential long-term future benefits should be considered against short-term impacts. Building infrastructure is crucial for our society to exist and progress.

From: [REDACTED]
Sent: Thursday, September 30, 2021 9:43 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello....when i first found out several years ago that SpaceX chose Brownsville or South Texas for its launching facility with the possibility of being the first place on Earth and history to send humans to another planet I couldn't believe it was real, something like this never happens here we were blessed geologically. I have lived in the Brownsville area all my life and visited SPI and Boca chica many times and although I understand the concern over taking care of our natural resources having SpaceX here in Brownsville/Boca Chica is literally a once in a lifetime opportunity....it will push the city and all the region forward, it will create better jobs, more opportunities and as a consequence more money that can be spent to help our community. I ask to please have the vision for what this once not promising area, considered to be one of the poorest cities in the country can become... Right now we are seeing positive changes in the city and things haven't even started developing at its full potential. You can see the enthusiasm and pride in people knowing they live here where history can and hopefully will be made Thank You

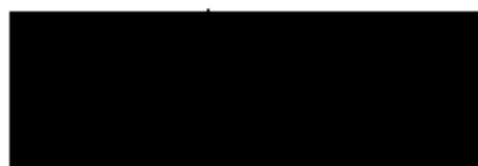
From: Batts, Shauna
Sent: Friday, October 1, 2021 10:28 AM
To: SpaceXBocaChica
Subject: mail
Attachments: SPACEX.pdf

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]



WORTH TEXAS TX 76090
DALLAS TEXAS
MS SEP 20 1971 FIVE



Ms. Stacey Zee
SpaceX PEA c/o ICF
9300 Lee Hwy.
Falls Church, Virginia

2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 26

Abstract

September 27, 2021

Stacey Zee, SpaceX/PEA, c/o ICF

9300 Lee Highway

Fairfax Virginia, 22031

Ms. Zee, I am writing to show my approval and support of the testing and ultimate regular flying of spacecraft at Boca Chica StarBase. I, like many others, believe that continuing to reach out to explore near, and outer space is essential to the people of our country and to mankind. I support the testing of spacecraft and continued construction of necessary equipment and systems to support StarBase Boca Chica. This is an essential part of mankind's necessary exploration of space. I am please to show my support, and support of friends and family who also believe in these goals.

Sincerely,

Dan Grogan

[REDACTED]

A handwritten signature in black ink, appearing to read "D. Grogan", with a long, sweeping horizontal line extending to the right.

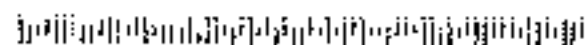
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27 SEP 2021 PM 6 L



Ms. Stacey Zee
SpaceX PEA
c/o ICF
9300 Lee Highway
Fairfax, VA 22031

22031-805059



Saint Paul, 9/26/2021

Ms. Stacey Zee
SpaceX PEA
c/o ICF
9300 Lee Highway
Fairfax, VA 22031
SpaceXBocaChica@icf.com

Dear FAA,

I am writing in support of SpaceX orbital launches from Boca Chica, Texas.

SpaceX has done a great job mitigating any local environmental impacts of these orbital launches. The enormous value of US reusable space technology, orbital refueling, and humanity's access to the solar system should weigh heavily in this calculation.

But the heaviest immediate weight should be given to the value of getting humanity off of fossil fuels. What could be of greater environmental importance than that? And this on a Gulf coast ravaged by fossil fuel extraction.

Yes, the initial launches off earth will use fossil methane. But every single gram of carbon in the methane for the flights back to Earth WILL BE DRAWN FROM CARBON DIOXIDE IN THE AIR ON MARS. Hundreds of tons of fuel for each flight will be drawn from the air.

Think about what that means. Humans will be standing on the surface of Mars, sending us back the solutions we need to save the natural environment here on Earth. Living on Mars will show us how to tread more lightly on the Earth.

This is history. No one should stand in the way of our need today.

Sincerely,



Michael Walsh
Saint Paul, Minnesota

From: Quinn Marsh <[REDACTED]>
Sent: Thursday, September 30, 2021 11:23 PM
To: SpaceXBocaChica
Subject: My review of the Starship Boca Chica PEA

Hi I'm Quinn Marsh from San Luis Obispo, California!

I gave the Starship Draft PEA about a 20 min read through and I found it very informative to understand the local impacts to the environment (from things such as construction related pollution, light pollution, and noise of launch, etc.) on things like the sea turtle population and the residents of South Padre Island. SpaceX has a record of caring for the environment as much as possible.

All this being said, I firmly believe allowing Boca Chica to become home to the lowest cost access to space and highest volume spaceport in history will be beneficial to ALL of humanity for several reasons.

- Spaceflight can open the doors to a better quality of life for people all over the earth; for example: better communications, more accurate weather predictions for crops and a better look into the cosmos via space telescopes.
- In addition, spaceflight may one day be critical to the survival of humanity.
- Not to mention, spaceflight gives so much hope to so many people, many of whom aren't even directly connected with the space industry yet still find spaceflight a key reason to be excited about life!

For these reasons I think the SpaceX Boca Chica Starbase facility should be approved.

Quinn Marsh

From: A Bit Of Everything <[REDACTED]>
Sent: Friday, October 1, 2021 2:28 PM
To: SpaceXBocaChica
Subject: Orbital Starship Launches

We need more orbital starship launches than 3. For rapid prototyping like SpaceX has been doing, we need a lot more orbital launches. We need more orbital launches because we need to do refueling flights for missions to Mars and The Moon. We need more like 1 launch per day. And we need land landings for testing. Thank you for your time.

From: Michael D. Moreno <[REDACTED]>
Sent: Friday, October 1, 2021 11:59 AM
To: SpaceXBocaChica
Subject: Perez Elementary- Brownsville I.S.D.

Perez Elementary, located in Brownsville I.S.D., supports SpaceX facility and research at Boca Chica Beach.

We are very excited about the possibility of engaging with the numerous educational opportunities that will directly impact our teachers and students.

This email and any files transmitted with it are the property of the Brownsville Independent School District, are confidential, and are intended solely for the use of the individual or entity to whom this email is addressed. If you are not one of the named recipient(s) or otherwise have reason to believe that you have received this message in error, please notify the sender and delete this message immediately from your computer. Any other use, retention, dissemination, forwarding, printing, or copying of this email is strictly prohibited.

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From: Mike Sher <[REDACTED]>
Sent: Friday, October 1, 2021 1:37 PM
To: SpaceXBocaChica
Subject: Personal Comments on FAA PEA for Boca Chica

Dear FAA,

Progress in the race to make humanity a multi planetary species and to take advantage of huge societal gains of LEO and Moon benefits cannot and must not be slowed by bureaucracy and even by environmental risk. It is obvious that the environmental impact will be low risk in that small location in Texas. Some sacrifices will ultimately be paid but is an absolutely necessity to achieve the goal to save humanity. If a virus or a collision were to erase humanity from the earth all of the development of our species would be wasted! Art, music, science, engineering, etc., would have been for not. Please consider this as quickly as possible, there will come a time when we cannot recover from bad decisions!

Thank you,
Michael Sher

From: Steve Ratzlaff <[REDACTED]>
Sent: Friday, October 1, 2021 4:47 PM
To: SpaceXBocaChica
Subject: Public comment on SpaceX Boca Chica

To whom it may concern,

I am writing in support of SpaceX operations at Boca Chica, TX. I have watched the development of the Starship production and launch facilities with great interest for nearly two years, and have been impressed with the continual attention to safety and high-standards of construction and design. SpaceX's mission to expand the space-faring capabilities of the United States is unparalleled and should be encouraged to proceed.

Please grant them the necessary regulatory approvals to proceed with their exciting and necessary project.

Steve Ratzlaff
Plano, TX

From: Pieter <[REDACTED]>
Sent: Friday, October 1, 2021 12:12 PM
To: SpaceXBocaChica
Subject: Public Comment regarding SpaceX Starship launch

Dear Sir/Madam,

I'd like to express my very strong support for SpaceX' work on Starship in Boca Chica, as substantiated here:

National Security:

It is imperative that America own space. SpaceX has since founding already demonstrated strong ability to consistently and safely launch a variety of cargo and human beings, which speaks well for their ability to innovate towards breakthrough technology.

International inspiration:

I watch livestreams of both SpaceX launches and progress in Boca Chica on a weekly basis, and the international attention coming from people of all ages is astounding and inspiring. Continued progress would contribute extraordinary toward international appreciation of Space itself, and America's role.

Opportunities in Space:

The opportunities we can already imagine in Space are extraordinary. Let alone those yet unimagined! We currently think of "the" ISS as an extraordinary accomplishment. What if we could have a dozen space stations? An operational Starship would enable that and much, much more.

From: Christopher William Raabe <[REDACTED]>
Sent: Thursday, September 30, 2021 10:55 PM
To: SpaceXBocaChica
Subject: public comments on SpaceX and FAA

Good Afternoon,

I am a U.S. citizen, scientist, and military veteran wishing to express a brief comment for public review with specific reference to the environmental impact at Starbase, Texas. Few people are so extreme to promote the unchecked support of SpaceX, and I am not one of them, on grounds of basic common sense. There is no need to be a scientist to understand the food chain, and how the poisoning of our lands comes directly into our supermarkets and lungs. On the other hand, equally extreme and unwanted is the idea that any significant environmental impact is unacceptable. To do well, office holders and decision-makers must be able to hold more than one competing thought in our minds, and the work at SpaceX must be allowed to go forward at an accelerated and rapidly evolving pace. Nothing deals a death blow more decisively to economic innovation than blind procedural protocol based on the safety-first principle. We must maintain even the idea of safety, as a high but relative principle to guide us. I understand the difficulty of what I am saying but, in a word, my recommendation in the strongest terms possible is to require SpaceX to spend the money to protect surrounding lands, wildlife, and peoples, as there are no temporal delays to their progress. Thanking You,
Sincerely,

Chris Raabe

From: Roger J Barnaby <[REDACTED]>
Sent: Friday, October 1, 2021 12:32 PM
To: SpaceXBocaChica; Roger J Barnaby
Subject: Re: SPACE X BOCA CHICA LAUNCH SITE

DEAR SIR/MS: PLEASE FORWARD MY EMAIL TO THE CORRECT ADDRESS
SO IT WILL BE CONSIDERED AS MY SUPPORT IN FULL FOR THE SPACE X
BOCA CHICA PROJECT.

THANK YOU,
SINCERELY,
DR. ROGER BARNABY, SPACE X,SUPPORTER FOR THE BOCA CHICA SITE

On Fri, Oct 1, 2021 at 12:27 PM SpaceXBocaChica <[REDACTED]> wrote:

Thank you for your message. The requested email address has been added to the project mailing list.

From: Roger J Barnaby <[REDACTED]>
Sent: Wednesday, September 29, 2021 4:49 PM
To: SpaceXBocaChica <[REDACTED]>
Cc: Roger J Barnaby <[REDACTED]>
Subject: SPACE X BOCA CHICA LAUNCH SITE

Ms. Stacey Zee

SpaceX PEA

c/o ICF

9300 Lee Highway

Fairfax, VA 22031

Dear Ms. Stacey Zee,

I am in full support of the [SpaceX Starship Super Heavy Project at the Boca Chica Launch Site](#) and
all the work that SpaceX is doing to propel the human race into becoming a multi-planetary species.

I understand there are many issues environmentally encompassing the Rio Grande Valley National Wildlife Refuge and beyond as well as to the residents living in that area and their quality of life as well. I feel this will become a bonding experience for both SpaceX and area residents as well as visitors to the nearby wildlife area over time. What can be more exciting to visitors to a wildlife area who can "go next door" to visit the latest in outer space technology and real world accomplishments for future space travel. This seems to me to provide the maximization of a vacation experience plus it is an economic incentive with great economic benefits for this rural area.

I have been an advocate of space travel since watching Apollo 11 land on the Moon in the Sea of Tranquility, on July 20, 1969, and hearing Neil Armstrong say "That's one small step for man. One giant leap for mankind" and have watched many dozens of launches to space since then including last week's spectacular world's first all-civilian Inspiration4 mission. My children attended John Glenn high school in Concord, Ohio, and I heard John as he made many special presentations to faculty and students, including my children, at the high school auditorium. My son and I enjoy the many SpaceX always fully transparent launches and programs always open for the public to view and enjoy on the SpaceX website. We always talk before and after each of the SpaceX launches which have been so very successful and have put America at the forefront in the space interplanetary program.

In the final analysis, I have come to the conclusion if not SpaceX then who, and if not now then when? I ask myself, would we even have this second space race without SpaceX, would we have the benefits of reusable rockets without SpaceX, would we really be going back to the moon without SpaceX, would we be planning crewed missions to Mars without SpaceX, the list goes on and on? Without question, I support SpaceX and all of their endeavors in moving America ahead in their space exploration program as they move forward with NASA as a full partner in all of their efforts.

Thank you for your kind consideration for my full support of the [SpaceX Starship Super Heavy Project at the Boca Chica Launch Site](#) during this public review and comment period from September 17, 2021 through October 18, 2021, and please subscribe me to your mailing list so that I may receive updates on this project.

Thank you very much for this opportunity for me to provide my full and unlimited support for SpaceX in their current and future space programs at the Boca Chica SpaceX site.

Sincerely,

From: Samuel Perez <[REDACTED]>
Sent: Friday, October 1, 2021 2:08 PM
To: SpaceXBocaChica
Subject: Space license for boca chica launches

FAA,

Please don't stand in the way of progress and grant the license for space/starship testing ASAP and without delay your government process is standing in the way of humanity's greatest achievements.

Samuel Perez
[REDACTED]
[REDACTED]

From: peter costanza <[REDACTED]>
Sent: Friday, October 1, 2021 1:23 PM
To: SpaceXBocaChica
Subject: Space X Boca Chica environmental review

Dear FAA,

The testing of Starship and its development are crucial to the Security of the United States, its economic future, and the future of humanity. The population of this planet is edging just under 8 billion people. In 2050, it is estimated we will be around 11 billion people. That's 3 billion more people to feed, who will need jobs, who will need housing. Industries will have to expand to meet the needs. That means more ecologic impact on an already stressed planet. Creating and developing a system to access space at economic levels has been the holy grail of space flight. To this point it has limited our abilities to use the resources of space to aid our planet. The Steel and concrete industries alone add 25% of our greenhouse gases. These commodities could be processed in space if we can make it affordable. Mining for these elements here on Earth already has had a tremendous ecologic impact. Many elements could be mined from space rather than disturbing natural ecologies here on Earth.

I'm not saying I would be in favor of sacrificing Boca Chica to save humanity although that would be a good reason. Environmental protection methods should be used in practical ways that have the best overall long term benefit. A matured Starship system will greatly enhance our ability to use Space Resources. It is my opinion and hope that the FAA and other governmental regulatory agencies should aid and assist Space X to operate the Boca Chica launch site during the developmental stages in the way that impacts the environment as little as possible. In no way, should the FAA or any other government agency prevent Space X from their work. Work with our people, not against them!

Peter Costanza
Boca Raton, FL.

From: Brian Boulanger <[REDACTED]>
Sent: Friday, October 1, 2021 3:18 PM
To: SpaceXBocaChica
Subject: SpaceX

Brian Boulanger and Ruby Keys are in support of all Space X operations in Boca Chica. They are changing the world!! 🌍

Brian Boulanger
Los Angeles, CA
[REDACTED]

Brian Boulanger
Zimmer Biomet
[REDACTED]

From: Robert Liberman <[REDACTED]>
Sent: Friday, October 1, 2021 3:55 PM
To: SpaceXBocaChica
Subject: SpaceX

To whom it may concern:

SpaceX is one of the most inspiring companies of our time.

It's continued success will benefit United States in more ways than can be counted or understood now.

It is imperative that the FAA finish its environmental review in a timely manner and grant SpaceX licenses.

Future of space travel and US position as a world leader in space depend on it!!

Robert Liberman

From: Robert Thomas <[REDACTED]>
Sent: Friday, October 1, 2021 11:13 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Environmental Impact

Good afternoon,

I'd like to add just comments about the work and f SpaceX at Boca Chica. The work SpaceX is doing is critical to the advancement of space exploration. They are willing to show their progress (and setbacks) on display for the world. Their new spaceship will revolutionize space travel, as well as point to point travel on earth. Please provide every assistance, and permit no roadblock to their progress.

Thank you!

[REDACTED]

From: DB <[REDACTED]>
Sent: Friday, October 1, 2021 2:34 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica FAA clearance

My "public comment" would be that I am in favor of the FAA granting SpaceX clearance to launch Starship missions from Boca Chica. Play nicely together.

From: John Schlick <[REDACTED]>
Sent: Thursday, September 30, 2021 10:12 PM
To: SpaceXBocaChica
Subject: SpaceX comments.

SpaceX is building a rocket to take humans to mars. This is a species wide aspirational goal. They do as little harm as possible to the environment, even sending their own people out and working with locals when the turtles were freezing. Clearly this represents good stewardship.

I recently drove to Boca Chica, and they are about as remote as they can get in the US - in a location that will allow rocket launches (I mean there are places in Arizona, and Texas that are MORE remote, but you can't launch from there.

To this end, given the importance of the goal, AND the fact that SpaceX has done everything in their power to mitigate impact on their surroundings (even buying houses from neighbors for more than market value), I want to make the statement:

GRANT THEM THE FREEDOM TO DO WHAT IS RIGHT FOR HUMANITY.

Do NOT be the reasons that humans have to wait another 2 or 3 or 4 decades to get into the universe, and - by the way, allow china to beat us to the moon, and lay land claims there (you know about the geopolitics of the south china sea right? If the us fleet wasn't there it would be a NIGHTMARE. I understand that the geopolitics are not your pervue, but IT MATTERS.)

From: John Jane <[REDACTED]>
Sent: Sunday, September 26, 2021 11:32 AM
To: SpaceXBocaChica
Subject: spacex needs to be allowed more launches.

I want to see spacex with more launches as the small amount of launches that spacex was allowed would massively hinder the amazing progress that has been achieved by spacex thus far. Spacex could be one of the big game changers we need in order to solve the problem with the environment, an example of this being the possibility of space-based solar power. Space-based solar power would be impossible to achieve in any reasonable amount of time without the cheaper launches into space that spacex could provide.

Thank you,

John Jane

From: Bill Clem <[REDACTED]>
Sent: Friday, October 1, 2021 4:52 PM
To: SpaceXBocaChica
Subject: SpaceX PEA

Ms. Stacey Zee,

I would like to express our strong support for SpaceX and their construction and development of the Spaceport, associated rocket manufacturing, and launch/landing facilities at Boca Chica, Texas. There is no denying that it is important to mitigate any Climate or environmental issues and the safety of people in the greater areas around the facility. But I would like to point out that SpaceX performs a substantial national service for our US Government agencies, from NASA to branches of the Military to deploy payloads that would otherwise be performed by foreign governments or not at all. The goal of this facility is to lower the cost of going into space with US-developed technology and leadership specifically for the benefit the United States and its allies. I am confident that your trust and negotiations with SpaceX will be in the best interest of the citizens of the US and the world for a very, very long time.

Please approve this permit and let us carry the nation forward without delay.

Sincerely,

William Clem
Bobbi Clem
Seattle, Washington, USA

From: David Svoboda <[REDACTED]>
Sent: Friday, October 1, 2021 2:43 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site - Comment

Hello,

Having read the executive summary, I noted that "Climate" had no entry.

CH₄, Methane, which is used by Starship and Booster as fuel, is a very powerful greenhouse gas, more powerful than CO₂ by many times.

I'd like to see some standards on the emissions to the atmosphere of CH₄, in the terrestrial transportation, storage, and fueling transfer process, and in defueling, and recapture after landings. I understand that a certain amount of boil off has to happen before launch, but I'd like to see that quantitatively addressed, as well.

Thank you. The climate thanks you.

- David Svoboda
[REDACTED]

From: Greg Thompson <[REDACTED]>
Sent: Friday, October 1, 2021 6:33 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Name: Greg Thompson
Date: 10/01/2021
Organization/Affiliation: Individual
E-mail Address: [REDACTED]

Comments:

The Draft PEA shows that there are strategies and solutions in place to mitigate known and anticipated issues associated with SpaceX's plans to develop a spaceport and launch from Boca Chica.

So, I encourage the rapid and full approval of SpaceX's proposed plan at the Boca Chica Launch site.

The importance of the work taking place by SpaceX at Boca Chica cannot be understated. This work lays the foundation for research and exploration that will yield significant scientific breakthroughs benefiting all mankind and the planet as a whole.

SpaceX's work at Boca Chica is the next step in fulfilling the promise made generations ago, which was that the United States will lead the world into the frontier of space. SpaceX should receive the full and rapid support, approval, and encouragement of our Government to do this important work, and there is no better place for this than at Boca Chica.

Sincerely,
Greg Thompson

[REDACTED]

From: jim heagy <[REDACTED]>
Sent: Friday, October 1, 2021 8:49 PM
To: SpaceXBocaChica
Subject: SpaceX's Starship Program Needs To Move Forward To Orbital Testing ASAP!

Hello,

This message is directed to the FAA. I fully support SpaceX's Starship program in Boca Chica, TX. There should be no further delays in granting SpaceX official permission to commence orbital test flights of the Starship launch system. It is vital to us returning to the moon, and taking humanity further into outer space. Thank you for your consideration.

James Heagy
10/1/2021

From: Sebastian Kopacz <[REDACTED]>
Sent: Saturday, September 25, 2021 8:10 PM
To: SpaceXBocaChica
Subject: Special treatment

Hello,

The fact is that if this were anyone other than Musk they would have been stopped by the FAA years ago due to environmental concerns. Musk believes that he gets to be an exception due to his vast wealth and fame except the last time I checked everyone in the US is equal before the law. So since Musk never had permission to test starship at Boca Chica then he clearly should not be allowed to test starship at Boca Chica.

At least give him another less environmentally concerning site or have him build and maintain a nature preserve around his test site like what NASA did at the Kennedy Space Center. If Musk wants to terraform Mars so badly we shouldn't let him destroy our world in the process and instead have him practice his terraforming by building and maintaining wildlife preserves here on earth.

Getting to a lifeless and desolate rock is not worth ruining the only place in the entire universe we know for a fact is capable of sustaining life.

Thank you,

Sebastian

From: Gene Evans <[REDACTED]>
Sent: Friday, October 1, 2021 2:34 PM
To: SpaceXBocaChica
Subject: Starship comment.

Let them proceed! It's called progress. 50 yrs. since moon landing, ridiculous! Wildlife can adapt. Elon Musk is our ticket to the future.

[Sent from Yahoo Mail on Android](#)

From: [REDACTED]
Sent: Friday, October 1, 2021 9:30 AM
To: SpaceXBocaChica
Subject: Starship/Super Heavy in Boca Chica

I am writing to voice my support for Space X as they initiate the starship/super heavy campaign in Boca Chica TX.

As a resident of Houston TX, I know first hand the opportunities that a space program can bring to a city. The benefits of having Space X at Boca Chica can not be overstated.

Space X is already bringing jobs and resources into the rio grande valley and will continue to do so with the advancement of the program.

Besides the local benefits Space X brings to the region, the advancement of the Starship/ Super Heavy program will benefit America as a whole by cementing it's place as a leader in space exploration and technology.

Lastly, the development and advancement of the Starship/ Super Heavy program will benefit all of human kind as it eventually propels us to be a multi planet species.

Nathan van der Rest

From: Michael Wise <[REDACTED]>
Sent: Friday, October 1, 2021 3:42 PM
To: SpaceXBocaChica
Subject: Support for SpaceX Boca Chica Project

I am writing to voice my support for the SpaceX Starship Super Heavy Project at the Boca Chica Launch Site. I am confident that SpaceX will treat the environment responsibly.

I would also like to emphasize the importance of allowing this project to continue safely, but quickly. While there seem to be no concretely known threats to humanity right now, that could change in a moment's time.

It is incredibly important that Starship continue at breakneck speeds to establish self-sustaining life away from earth. It would be a waste for humanity to have the capability just within grasp, and to miss the opportunity should a sudden disaster come to earth.

Thanks,
Michael

From: Ken Eisner <[REDACTED]>
Sent: Friday, October 1, 2021 4:57 PM
To: SpaceXBocaChica
Subject: Support for SpaceX

Aloha from Hawaii!

I fully support SpaceX and their operations at Boca Chica. Please grant them the ability to test and launch their spacecraft. Mahalo!

Kenneth Eisner
[REDACTED]

Sent from my iPhone
K E N EISNER

From: Gerard Wiesner <[REDACTED]>
Sent: Friday, October 1, 2021 2:36 PM
To: SpaceXBocaChica
Subject: Total Support of this Project

We are in total support of the SpaceX Project at Boca Chica. As regular followers of the daily activities and updates we look forward to the continued development of the Starship program.

Pam and Jerry Wiesner

[REDACTED]
Sent from my iPad

From: David Malton <[REDACTED]>
Sent: Saturday, October 2, 2021 6:45 AM
To: SpaceXBocaChica
Subject: Allow SpaceX to do what ever they want.

David Malton / Founder of the Maricopa County Chamber of Commerce in Arizona. Let SpaceX and Elon Musk continue to push the USA as the Leader of Space. This is the ONLY company worth betting on. They don't their "i" and the cross their "t". If all businesses were this conscious of what they are doing America would have ZERO problems.

David R. Malton
Maricopa County Chamber
AZ USA

From: Andreas Buechler <[REDACTED]>
Sent: Saturday, October 2, 2021 11:36 AM
To: SpaceXBocaChica
Subject: Boca Chica launch site

Hello Everybody,

as the entrepreneur SpaceX, as well enthusiast and news facilities are constantly asking for participation in the current public review, okay here is my contribution, even if from another continent. For such questions, I'm always trying to consider the most opposite and still reasonable possible point of view, for sure of a nearby inhabitant without such interests.

First of all, the history of the engagement must be respected, how it has led to a lot of investments, that conclusively must be respected too. The entire effort would have had to be avoided since its beginning, but seemingly has been approved so far, including the final application, to fly the vehicles that are being built there. Therefore, anybody who wants to stand for an untouchable vegetation, is at least since then too late, would have had to engage for such a protection of the site before, and independently from any other interest, at least to uphold a reputation of truthfulness, rather than utilising an opportunity for gaining a possible kind of blackmail money.

Then the question about the acceptable impact for the average inhabitant of the region, I would split into two parts, one of road and beach closures, and another one of engine noise. The first one could be reduced in the future, probably by enlarging the road, or even building a parallel one from the build site to the test and launch site, so that the transports can simultaneously go along with private traffic. The engine noise must be left up to them, who are affected, should whenever possible be limited to workdaytimes, as any noise of any construction site in any city. In addition, some comparisons with inhabitants around airports could be thinkable, could in some cases be a huge burden, that can never be the goal for anybody, as well as a total silence.

In all cases, a more precisely targeted scheduling and publication would be useful, probably with all time actualized electronic displays at some suitable points, that would be a comparative little investment. Any necessary road closures could roughly be announced one or the other day in advance in yellow, and turn into a more reddish style with higher precision and certainty, as closer as their time is coming, or otherwise be corrected or deleted.

So let's say that this would result in 10 or 20 days with longer and wider closures for all kind of flights, and a similar number of shorter ones for static fire tests, that all would be scheduled for the least impacting times, could be great for everybody, even with entirely different interests, probably only peaceful recovery times at the beach. This stripe of lagune land will always remain what it always had been limited to, a relatively smaller special facility for a relatively smaller number of prototypes and/or customtypes.

Any alleged more frequent launch and landing traffic of the future, must be established at a much larger site, far away from any other interests, most likely at Cape Canaveral. Therefore, I would recommend to maintain the known numbers of launches and landings as a longtime goal, that this site can sustain in about the actual size, as a very unique local highlight. This would for sure have to happen with replacing the tents by much better buildings, and the cherry picker acrobatic by much better access docks. It is very clear that such investments can't be considered before this kind of peekaboo is willing and able to learn to fly as it should, and if really so, that the next level of a greater future would take its own development and transition time.

If there could come up some scheduling problems, for example for moon missions and the required larger number of refueling launches would depend on, already in two years or so, I wouldn't be too stubborn, and allow the needed

number of exceptions, if this could really be recognized as a needed temporary solution, if it was publicly known, that a better one is already in progress and available in a not too distant future...

Thanks and greetings from Switzerland.

From: Nicida Maerefat ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Saturday, October 2, 2021 7:55 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Nicida Maerefat
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Sylvia Almaguer ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Saturday, October 2, 2021 3:08 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

I live in Port Isabel and I see, feel and smell the rocket. Debris falls into the Laguna Madre when it blows up.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

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The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Sylvia Almaguer
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: A Martin ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Saturday, October 2, 2021 7:13 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

A Martin
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Cedric <[REDACTED]>
Sent: Saturday, October 2, 2021 8:49 AM
To: SpaceXBocaChica
Subject: Comment on SpaceX

Hello there,

The rate at which SpaceX is advancing Human Spaceflight is absolutely astonishing.

Jeff Bezos on the other hand is acting like a Clown right now. Please ignore him.

Cheers!

From: Rhonney Greene <[REDACTED]>
Sent: Saturday, October 2, 2021 8:36 AM
To: SpaceXBocaChica
Subject: Comment on Starship/Super Heavy

What's taking place in Boca Chica, Texas by SpaceX is a once in a generation event. SpaceX is pushing the limits of human ingenuity and the American spirit to the heavens. In particular I once used to be extremely excited about space and astronomy and everything NASA was doing, but I like Elon Musk was severely disappointed to not see any advancement from the space agency for human exploration beyond earth and the moon. The Starship/ Super Heavy program is fulfilling the dreams of millions of Americans and people across the globe. Please do everything possible to make this venture a success.

They have my full support in continuing the Starship/Super Heavy to include launches from South Texas.

Rhonney Greene
[REDACTED]

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From: Scott Gibbons <[REDACTED]>
Sent: Friday, October 1, 2021 11:52 PM
To: SpaceXBocaChica
Subject: Comments supporting SpaceX Operations at Boca Chica TX

To whom it may concern,

I am writing to express my support for SpaceX and their Starship program in Boca Chica, TX.

In the last 19+ years SpaceX has demonstrably done more to advance spaceflight technologies than all other space programs worldwide in the same time period (and for far less money).

When your country-mates are leading in a global race, it is imperative not to throw unnecessary obstacles into their path. While I acknowledge that SpaceX is not infallible (what human organization is?), they have demonstrated time and time again that they place safety and advancement of the human race ahead of the bottom line. I therefore call for an expeditious conclusion to your environmental review and granting to SpaceX an Experimental License that they might continue to advance their Starship program.

Thank you for your time, efforts and expertise - the entire world benefits from what you at the FAA do.

Sincerely,

Scott Gibbons
Hutto, Texas

From: Julia Dove <[REDACTED]>
Sent: Saturday, October 2, 2021 8:58 AM
To: SpaceXBocaChica
Subject: Disapproval for SpaceX Launch Site

I absolutely do not support the SpaceX launch site being built and approved. It will have a detrimental effect on the wildlife and there is not clear and good evidence that the company will clean up their impact well or insure the health and safety of the surrounding area. Though it is tempting to say yes to such a large corporation with a venture that seems exciting and new, this would be a mistake. As local experts have told us, it could seriously damage the endangered turtle population.

I hope the FAA does not approve the SpaceX launch site, and chooses instead to protect endangered sea turtles. Further, this company is owned by Elon Musk, notoriously thoughtless, careless, and with little care for communities that stand in the way of his latest venture. We should be focused on creating a better relationship with the planet we have, not spending resources, time, and destroying our communities so rich individuals can explore space and make their profits larger.

A concerned citizen, environmental advocate, and nonprofit employee,
Julia

From: Billy - <[REDACTED]>
Sent: Saturday, October 2, 2021 10:01 AM
To: SpaceXBocaChica
Subject: Draft Environmental Review of SpaceX Starship/Super Heavy Program

To whom it may concern,

I am writing today in support of full and unrestricted approval for the SpaceX Starship/Super Heavy Program. This program is absolutely vital to not only the future of humanity as a multiplanetary species, but it is also vital to the national security interests of these United States of America. Space travel and exploration is the final frontier for humanity and this program is an enormous leap forward, if not a step more gigantic than Neil Armstrong's first step on the moon.

Also, someone please slap a muzzle on the viscous attack dog named J. Bezos. He is a little cry baby with a tiny rocket that is incapable of reaching orbit...little more than a glorified amateur rocket.

Best Regards,

True American Patriot in support of SapceX

From: Thomas Bleakney <[REDACTED]>
Sent: Saturday, October 2, 2021 5:41 PM
To: SpaceXBocaChica
Subject: Draft PEA for SpaceX Orbital Launch operations at Boca Chica TX

I am a retired Aerospace engineer and computer scientist with masters degrees in both physics and computer science. I have been closely following SpaceX developments at Boca Chica, And I am very impressed with the scope and quality of their work, years ahead of what NASA is doing. Their goal of achieving full readability of spacecraft is key to future space exploration.

I FULLY SUPPORT granting SpaceX permits for orbital launches of starship/Superheavy.

As an environmentalist, I also support holding SpaceX accountable for minimizing their environmental impact, including monitoring methane leaks and minimizing/mitigating impact on local wildlife.

Sincerely,
Thomas Bleakney
Claremont, CA.

Sent from my iPad

From: Lawrence Sethor Segbehoe <[REDACTED]>
Sent: Saturday, October 2, 2021 5:32 PM
To: SpaceXBocaChica
Subject: Draft PEA for SpaceX

Dear Madam,

Thank you for giving me the opportunity to comment on the Draft PEA for SpaceX Starship/Super Heavy Launch Vehicle Program at the Space Boca Chica, Texas.

I think the FAA should work with SpaceX and any other direct stakeholder to allow the company to continue with testing and operations of Starship after adjusting for regulatory requirements.

SpaceX is good for U.S. and humanity in general for many reasons

- Worked with NASA to revive American's human space missions to the ISS since the end the shuttle program.
- Driving down the cost of pay load per kg to orbit and Starship is intended to drive the cost down even further.
- Starlink program is intended to provide high speed internet to the underserved around the globe.
- SpaceX is an American pride that is revolutionizing the way we perceive rockets and space flights.
 - 1st space company in the world to landing orbital class rocket boosters, that appears to be a convention now and we have seen one successful landing of starship SN15.
 - SpaceX is one of the top companies most fresh engineering students from colleges wish to work.
- Starship/Super Heavy Launch Vehicle is only space vehicle being built with the intention of being fully and rapidly reusable for deep space missions and with the capability of landing on any hard surface planetary body.

With that said, SpaceX Starship/Super Heavy Launch Vehicle will be a game changer if allowed to continue and that gives me lots of hope for the future of humans being multiplanetary species.

Sincerely,

Lawrence Segbehoe

From: [REDACTED]
Sent: Saturday, October 2, 2021 11:40 AM
To: SpaceXBocaChica
Subject: Draft PEA for Starship/Super Heavy at Boca Chica

Ms. Stacey Zee-

Having reviewed the Draft PEA, I highly support the full development and all operations proposed by SpaceX in Cameron Co., Texas. Having personally visited the SpaceX Boca Chica Site each of the last 3 years I can attest to the positive response and overwhelming approval of SpaceX activities by local citizens of the area. The economic benefits are a huge boost to the local economies. Also, having been a resident of Texas for 50 years, I also support the SpaceX operations and developments in McGregor, Texas and throughout the state.

I urge your prompt, full approval of the final PEA and appreciate your positive consideration for all future proposed PEAs.

Thank you for your attention concerning these matters.

Respectfully Submitted,
John H. Berry

[REDACTED]

From: Richard Fachtmann <[REDACTED]>
Sent: Saturday, October 2, 2021 9:57 AM
To: SpaceXBocaChica
Subject: Draft PEA Positive comment

10/2/2021

To whom it may concern.

The continuation of SpaceX's progress towards Space exploration is critical to humans, Life, and the American way.

Much worse things are currently allowed to happen in our environment.

SpaceX has demonstrated a level of safety and precautionary procedures better than most.

Standard bureaucracy needs to get out of the way of true progress.

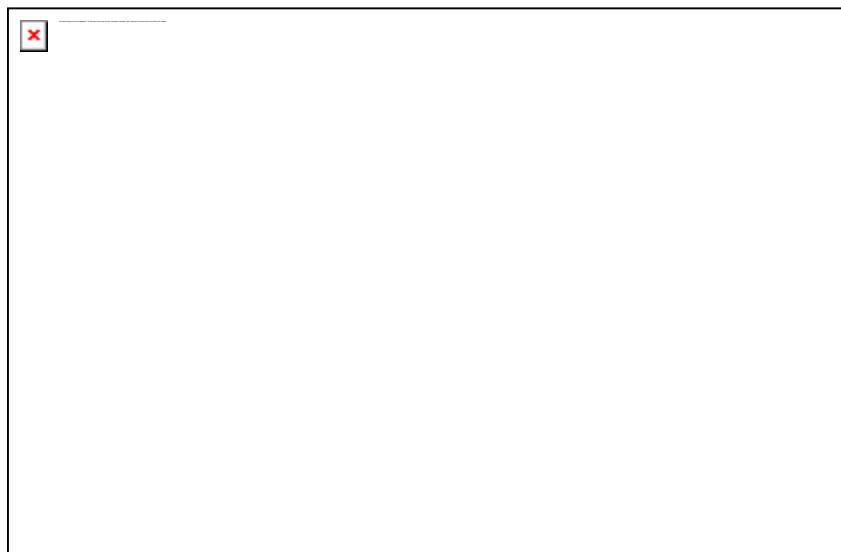
SpaceX has our support to move us all forward to the Moon to Mars to beyond...

In Service,
Captain Richard Fachtmann

--

In Service,

[REDACTED]



From: Phil LeFaive <[REDACTED]>
Sent: Saturday, October 2, 2021 12:27 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle

Comments regarding Draft PEA.

I support the efforts of SpaceX in their development of the Starship/Super Heavy program in Boca Chica. Given the difficulty of finding a suitable location for a modern launch facility, I feel that Boca Chica is a reasonable location.

A perfect location would offer the following:

- An acceptable down range clear corridor for launch activities
- A safe radius free of populated land
- No impact to wildlife in the area
- Access to infrastructure/transportation
- Proximity of subcontractors, and suppliers
- A skilled labor pool

The perfect location will never be found. There will always be the need for compromise. With adequate accommodations made for the safety of human and wildlife populations, I feel that the Boca Chica site is appropriate for SpaceX to conduct launch and recovery operations. In reviewing the draft proposal, It appears that the FAA and SpaceX have done their due diligence in protecting to the extent that is possible the interests of the human and wildlife residents of the area.

SpaceX is a critical launch provider for NASA and the Department of Defense. And also the leading company pursuing the exploration of space, including the moon (HLS), Mars and beyond. I encourage the FAA to finalize the draft proposal, allowing SpaceX to proceed with their development of the facilities in Boca Chica and begin Starship/Super Heavy flights as soon as possible.

Thank you,

Phil LeFaive

From: Pedro Abreu <[REDACTED]>
Sent: Saturday, October 2, 2021 7:02 AM
To: SpaceXBocaChica
Subject: Environmental assessment - SpaceX

Dear all,

SpaceX efforts are aimed at expanding human life to other planets, therefore, providing a backup to humankind and consciousness.

We should not take those efforts lightly if we consider the big scale fenomenas of mass extinction periods in the history books.

Let's focus on making sure we have a backup plan of all we know, all we ever learned, hugged, thought, teached, written, laughed, enjoyed, experienced, discovered and loved.

Go SpaceX !!

Regards,
Pedro Abreu

From: Ken Due <[REDACTED]>
Sent: Saturday, October 2, 2021 10:29 AM
To: SpaceXBocaChica
Subject: Environmental Impact of SpaceX Boca Chica operations

To Whom It May Concern:

As a long-time resident of South Padre Island, Texas it has been with great alarm that I have watched the evolution of SpaceX launch facilities and rocket operations based at Boca Chica, Texas. Boca Chica operations are conducted less than 1 mile from a beach where endangered sea turtles nest. It is also adjacent to part of the Las Palomas Wildlife Management Unit, close to the Laguna Madre Bay, next to the Rio Grande Valley National Wildlife Refuge, Boca Chica State Park, Brazos Island State Park, and only a short distance from the Laguna Atascosa National Wildlife Refuge and Padre Island National Seashore - the longest stretch of undeveloped barrier island on Earth. The SpaceX facility is literally in the middle of land and waters protected by Texas and the United States for their rich biodiversity and habitats. Some of the flora and fauna are unique to the area, and some are critically endangered. The number of species potentially impacted by these operations - not just including launches - is innumerable. It would be nearly impossible to imagine an environmentally more sensitive area to conduct such operations. I have personally witnessed three SpaceX launches from South Padre Island, several miles away, and can report that the noise was so loud it could be felt in my chest. It is unknown how wildlife such as endangered nesting turtles and birds and other marine and terrestrial life could be impacted by twenty or more launches per year and ongoing construction and support operations.

I urge the EPA and FAA to order a halt to any further launch operations or development at Boca Chica. Permits never should have been granted to begin with. There are many thousands of other potential sites available in the USA that would not be as environmentally sensitive for SpaceX to utilize.

Sincerely,

Kenneth L. Due
[REDACTED]
[REDACTED]
[REDACTED]
m: [REDACTED]

From: Dennis Brunning <[REDACTED]>
Sent: Saturday, October 2, 2021 10:38 AM
To: SpaceXBocaChica
Subject: FAA Comments for SpaceX StarBase

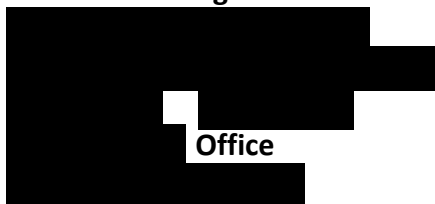
FAA please stop standing in the way of human/world progress.

There are no reasons to keep stopping progress of SpaceX.

Any issues can be addressed as they come up and corrected or mitigated after progress has been made.

Thank you,

Dennis Brunning



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Electrical

Internet Access

Business Phone Service

From: Neal Ramsey <[REDACTED]>
Sent: Saturday, October 2, 2021 8:13 AM
To: SpaceXBocaChica
Subject: Give clearance

Please give SpaceX the go ahead to do launches. This is our generation's Apollo program. Imagine if it'd been stopped by a regulatory agency. What kind of world are we saving if we aren't allowed to get off this world? Any damage that might be done will be greatly outweighed by the benefits of a future where industry moves to space.

From: Jamal Sancho <[REDACTED]>
Sent: Saturday, October 2, 2021 9:51 AM
To: SpaceXBocaChica
Subject: In Support of SpaceX at Boca Chica - Jamal Sancho

Hello, I wanted to leave a quick comment in support of the SpaceX Boca Chica project. I had three quick points as to why I think this will be good for the community and the world.

1- Bringing Tourists to Boca Chica - I live in Texas and I am thrilled to be having this development in our state. I've never visited Boca Chica and had no plans to until SpaceX built a facility there. I do not believe I'm alone in this and many people will visit Boca Chica to see this project.

2- Bringing Hope to the World - SpaceX has an inspiring vision for the world - Make Us Multiplanetary - that is an easy vision to get behind. It personally inspired me to study engineering, astrophysics, thermodynamics, planetary and natural science. Again, I do not believe I'm alone in this and I can only hope continued development for this project will keep inspiring people to study hard topics when they see how much good it can do for the world. Imagine how many lives will be changed by seeing us land on the Moon again.

3- Potential Benefits of more economical space travel - No one will doubt the advancements that came out of the original space race and while I wasn't alive then, my world benefits immensely from that project. I foresee a world where my children will benefit from the advancements we make during this time.

Protecting the natural environment is paramount and being fair to the Boca Chica community and residents are important, but I do not believe we will be able to save that, or any community in the long run without making these critical leaps in technology.

Thanks for your time.
Jamal Sancho.

From: Callum Gallagher <[REDACTED]>
Sent: Saturday, October 2, 2021 3:54 PM
To: SpaceXBocaChica
Subject: In Support of SpaceX Starship Development

Hi there,

Just sending a quick email so that I can be included on the mailing list, and also to say I am in full support of the exciting SpaceX Starship development happening in Boca Chica, Texas!

Thank you!

Regards,

Callum Gallagher

From: Mark Ulrich <[REDACTED]>
Sent: Saturday, October 2, 2021 8:51 AM
To: SpaceXBocaChica
Subject: Input to FAA's SpaceX draft PEA (supportive of SpaceX)

Attn: Ms. Stacey Zee, SpaceX PEA, c/o ICF, 9300 Lee Highway, Fairfax, VA 22031

2-Oct-2021

I understand that the FAA has extended the public comment period for the Draft PEA to November 1, 2021, and that the FAA invites interested agencies, organizations, Native American tribes, and members of the public to submit comments on all aspects of the Draft PEA.

Having this spring visited SpaceX's Boca Chica launch facility, and being a lifelong space exploration supporter, I am firmly in support of SpaceX, and their request by the FAA for launch authorization.

Regards,

Mark Ulrich

Houston, Texas

From: Chris <[REDACTED]>
Sent: Saturday, October 2, 2021 8:01 AM
To: SpaceXBocaChica
Subject: It gotta to happen

Space X Starship must launch 🚀 to start the next phase of manned space flight, this is humanities quickest and most realistic chance of ever reaching the moon, Mars and beyond. This is important and will not only be good for America, but the world over. Thank-you. Christopher Gould Manchester GB UK Sent from my iPhone

From: Dave <[REDACTED]>
Sent: Saturday, October 2, 2021 5:20 PM
To: SpaceXBocaChica
Subject: keep Space X Open

Dear Stacy Zee,

We need to Keep space X Open

For the the Future, of technology, employment opportunity, and future of space exploration and extension of the human race.

Do not shut down one of the greatest companies in the history of the earth.

thank you for your attention,

David Cullins

From: Guy <[REDACTED]>
Sent: Saturday, October 2, 2021 8:55 AM
To: SpaceXBocaChica
Subject: Launching from Boca Chica

I'm writing to indicate my full support of SpaceX test launches from the Boca Chica area. I am a biased space enthusiast, but I'm also a tourist who spent time in the Port Isabel area this spring. I heard multiple 3-engine static fires while in the area. I found them loud enough to wake someone, but not significant enough to be disruptive to normal activities from Long Island in Port Isabel. The work SpaceX is doing is incredibly important and the area stands to benefit greatly in the years to come. This facility is in a perfect location for safe rocket viewing and SpaceX can bring a ton of economy to the area and help continue investment and development in the community. I tend to disagree with environmental factors used against the SpaceX facility in regards to wildlife and pollution. Two things struck me while down there.. the bay was very dirty. We rented a pontoon and went fishing, on multiple occasions we pulled up litter from the bottom while retrieving the anchor. Secondly, the primary use of the area surrounding the SpaceX launch facility is used by the locals for off-roading. I can't imagine off-roading on the beach can be good for turtle and fowl populations. I recommend SpaceX is allowed to continue full testing of their Starship program from Boca Chica area for the good of everyone connected. The surrounding community, NASA, and the USA all stand to benefit from giving this program as much freedom as is possible. Thank you

From: [REDACTED] <[REDACTED]>
Sent: Saturday, October 2, 2021 9:43 AM
To: SpaceXBocaChica
Subject: Overwhelming approval for SpaceX Draft PEA

As a Texan I wish to express my overwhelming support for SpaceX, and that the worksite modifications and launches be allowed to proceed, in utmost haste! SpaceX is our path to moving humanity forward in space, making space flight for all a possibility, as well as making it possible for humanity to become a multi planetary species.

Please approved the Draft PEA as soon as possible, so they can resume testing!

[REDACTED]

Please do not include my personal identifying information within the bars above to be released publicly.

From: Talia Perkins <[REDACTED]>
Sent: Saturday, October 2, 2021 11:31 AM
To: SpaceXBocaChica
Subject: Please approve SpaceX's launch license.

The immediate and future furtherance of such activities is vital the economic and strategic health of the nation.

Yours, Talia Perkins

From: Titus or Mary Stauffer <[REDACTED]>
Sent: Saturday, October 2, 2021 5:35 AM
To: SpaceXBocaChica
Subject: Please Expedite Approval of Space X's Boca Chica Space Port, "Starship" Functions

Dear FAA,

I'm just a USA citizen and avid space-travel and space-exploitation fan, with no other special interests in the industry. I am, however, well informed technically and scientifically.

From how I see it, it would be best to expedite approval here. Space X has proven themselves to be responsible (they have cleaned up their messes). ANY productive human activity is going to impact the environment! NO human activity is perfect! "Making life multi-planetary" and advancing science and technology mandates that we move ahead here. Humans have the tiger by the tail. Moving mining and industry (or at least some of it) into outer space would get it off of our "home world", and reduce environmental impacts here. If we don't move forward, we are doomed, sooner or later!

Thanks! -Titus Stauffer

From: Doug Folkerth <[REDACTED]>
Sent: Saturday, October 2, 2021 7:53 AM
To: SpaceXBocaChica
Subject: Please let SpaceX fly

To home it may be a concern.

It is important for our future that you give quick approval for SpaceX to Test/Fly their boosters.

Thanks
Doug Folkerth
Gainesville, FL

From: El'ad Askari <[REDACTED]>
Sent: Saturday, October 2, 2021 9:56 AM
To: SpaceXBocaChica
Subject: Programmatic Environmental Assessment regarding SpaceX's Starship Test Campaign

Hello.

First I'd like to ask you to censor my private information (incl. name, residential address, phone number and email address) from this comment upon making the comment public. Thanks in advance.

Regarding the Environmental Assessment -

I have been following SpaceX's activity quite closely for the past couple of years, and seeing how meticulously they test their vehicles and engines, and their uncompromising approach towards success and safety, and based on the fact that Mr. Elon Musk is extremely environment-conscious and is a supporter of a healthy environment - I undoubtedly believe that SpaceX will do everything possible to reduce environmental impact and to ensure the safety of the public, property, the environment and wildlife.

Therefore I believe that it should be allowed to SpaceX to have as many launches (orbital and suborbital) as they need for the test campaign of their Super Heavy and Starship vehicles.

Best regards

El'ad Askari,
[REDACTED]

From: G Heitmann <[REDACTED]>
Sent: Saturday, October 2, 2021 11:11 AM
To: SpaceXBocaChica
Subject: Programmatic Environmental Assessment

Dear Sir or Madame,

I like to contribute to your assessment. I live in Germany and would be very glad having here a comparable development like in Boca Chica. The space industry, in particular the commercial space industry turns out to be of much importance for the future. It brings precious jobs to Texas, boosts tourism and will lead to better conditions for people's life in South Texas. And it will boost the american industry, and will help to compete in space with other nations, especially China.

There are for sure some negative impacts coming along with the activities of SpaceX, but these are highly negligible compared to the massive advantages for the United States, the people, the economy and Texas. Not to forget the impact on mankind and our worldwide future.

So I strongly hope, that SpaceX will go on on its way to build Spaceship, to lower the costs of transportation into orbit and beyond for all of our welfare.

Dr Gerhard Heitmann

Stade

Germany

--

Dr.Gerhard Heitmann
[REDACTED]

From: Shawn Heckman <[REDACTED]>
Sent: Saturday, October 2, 2021 2:51 PM
To: SpaceXBocaChica
Subject: Public Comment

To Whom It May Concern,

I am a citizen and a retired US Air Force veteran. I spent 15 years of my career as a Chinese Linguist and in various other capacities in the Intelligence Community.

I appreciate the thorough study of environmental impact of SpaceX operations at the Boca Chica site. I see substantial evidence that Elon Musk and his ventures have supported and currently support ideals that preserve our planet and its health. I further believe that the continued existence of all known species is likely eventually dependent upon the survival of the human species beyond this planet, which could very likely be dependent upon SpaceX's current endeavors out of the Boca Chica site.

Moreover, in the immediate term, it is crucial that US aerospace development outpaces the development of our adversaries. We cannot slow this development or we risk vital national security interests at a time when we cannot afford to do so.

I therefore request that official authorization for continued and unrestricted SpaceX operations at the Boca Chica site be established/ published as expeditiously as possible. Please, allow and support SpaceX operations out of the Boca Chica site and elsewhere as much as the FAA is able.

Thank you.

Shawn Heckman, USAF Retired

Sent from my iPhone

From: Douglas Dean <[REDACTED]>
Sent: Saturday, October 2, 2021 10:06 AM
To: SpaceXBocaChica
Subject: Public Comment

Please don't underestimate the importance of the Starship program. The SpaceX endeavor in Boca Chica will one day be written into history books. Our great grandchildren will be inspired by their ingenuity and accomplishments. I believe it's the greatest undertaking of the 21st century and it must be allowed to go on to probable success.

Doug Dean

Sent from my iPhone

From: John Lefler <[REDACTED]>
Sent: Saturday, October 2, 2021 9:16 AM
To: SpaceXBocaChica
Subject: Public Comment on FAA Draft Environmental Review of Starship Super Heavy Program

Yes, I think the FAA needs to send an approval letter to SpaceX ASAP!

I can't believe it's taken the FAA this long to get to this point in the approval process. It was apparent when SpaceX had a multi-million dollar launch scheduled and a representative of the FAA never bothered to show up that there is a lot of politics going on.

I believe the FAA needs to get off their asses and do some work! China doesn't appear to have problems with multiple launches every month.

As far as environmental affects to the area goes, in my opinion, they need to remove public access to Boca Chica Beach and form a commercial star base similar to that at Kennedy Space Center in Florida. Removing public access to the beach would have a greater positive affect on saving the environment than anything SpaceX would do to harm it.

I can't believe that the FAA thinks their engineers are smarter or better at understanding what SpaceX is trying to accomplish with their own engineers! The political ploys to delay the progress of SpaceX appear to be a large waste of time.

I think that SpaceX has shown throughout its entire rocket program (i.e. Falcon 9 missions) that they have a very high regard for human life, the environment and property and should be trusted to always look out for the public's interest.

Thank you for the opportunity to allow me to give my input.
John Lefler

From: Andrew Davie <[REDACTED]>
Sent: Saturday, October 2, 2021 8:29 AM
To: SpaceXBocaChica
Subject: Public comment on SpaceX Draft Programmatic Environmental Assessment

Dear Ms. Zee

I am writing to comment on the Draft Programmatic Environment Assessment for the proposed SpaceX operations.

I am very much in support of the proposals by SpaceX. There is a perception that the FAA is holding up progress in a program critical to the future of our progress in space, and fundamentally I think this is true. It is to be commended that the FAA is following due process, but in many aspects it is operating rules and regulations unsuited to the dramatic advances shown by the SpaceX company. It is my belief that the FAA is currently unable to act in a timely fashion to support such a crucial endeavour (through lack of resources, certainly - but also through outdated procedures designed for air travel, not space travel).

I urge you to favourably assess SpaceX's submission and consider the effect of bureaucratic red-tape on such a groundbreaking organisation. With any holdups due to FAA requirements likely to be seen as the actions of a dinosaur organisation in need of modernisation and reformation, now is the time to look at the big picture and rule in favour of the SpaceX organisation and their plans for our future.

Please count my family and myself as joining those urging you to give SpaceX the FAA green-light/go-ahead.

In the interests of transparency, although my family (in-laws, wife, children) are USA-citizens, I myself am Australian). Your organisation is being watched from around the world. The blowback from an unfavourable decision may very well confirm to many around the world that the FAA is unsuitable to be in charge of this process. I don't believe that is necessarily so, but certainly you will have your work cut out for you.

I expect the amount of public feedback should give you some indication of where your organisation stands at this historic juncture in mankind's future.

Please count my family as COMPLETELY IN FAVOUR.

Cheers
The Davie Family
(Andrew, Ann, Caitie, Cameron) and all our USA close family, too.

From: Eli Thompson <[REDACTED]>
Sent: Saturday, October 2, 2021 8:06 AM
To: SpaceXBocaChica
Subject: Public comment

To whom it may concern,

I would like to voice my opinion concerning the environmental assessment of the revised SpaceX plans at Boca Chica, TX. While I am in general a supporter of environmental protections and efforts to save our natural spaces and biodiversity, I feel there must be a cost benefit analysis here.

What SpaceX is trying to accomplish is truly astounding and of vital importance to the United States and humanity in general. Elon Musk has showed the world that expendable rocketry is a failed model and many companies, agencies, and foreign countries have taken note of this. China has already expressed their intention to replicate SpaceX's Starship plans, as has the EU. For the US to remain competitive, if not leading the future of the space industry, we need to support SpaceX, not hinder them. If they are successful, the Starship program will be the beginning of a space industry that will be unrecognizable in a decade or two. I pray the US plays a part in its growth.

Thank you for recognizing my support for the approval of SpaceX's environmental assessment.
Eli Thompson

Boston Posture Center
Coolidge Corner, Brookline

[REDACTED]

From: Erik Kruz <[REDACTED]>
Sent: Saturday, October 2, 2021 8:37 AM
To: SpaceXBocaChica
Subject: Public comment-support for SpaceX at Boca Chica

I have reviewed the documents the faa has provided regarding the environmental assessment for Starship at Boca Chica.
I am requesting that my comment be noted: Full support of SpaceX at Boca Chica.

Sent from my iPhone

From: Jonathan Gould <[REDACTED]>
Sent: Saturday, October 2, 2021 9:10 AM
To: SpaceXBocaChica
Subject: Re: FAA Invites Public to Comment on Draft Environmental Review of SpaceX Starship/Super Heavy Program

Hi

I very much feel SpaceX should be hindered as little as possible and given the maximum cooperation in their endeavour to create the World's greatest commercial rocket systems.

I think their lead in this area beyond China's and Russia's capabilities is particularly useful, and the US government should assist SpaceX in preventing design theft and sabotage by other state and commercial rivals.

However I also think SpaceX should strive to be exemplars of environmental safeguarding, and to this end should be closely monitored for environmental damage particularly regarding methane leakage, toxic liquid leakage into the ground and particulate contamination of the surrounds.

Thank you and kind regards.
Jonathan Gould

From: Anuj Purwar <[REDACTED]>
Sent: Saturday, October 2, 2021 7:22 AM
To: SpaceXBocaChica
Subject: Re: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Ms. Stacey Zee,

I am sending this email in support of SpaceX application for the Starship program. I believe that SpaceX mission of sending humans back to Moon and eventually Mars is critical for the evolution of the human race. I urge you approve this application as soon as possible in the public interest and of humanity everywhere.

Best,
Anuj Purwar
Fremont, CA

From: Jason Murphy <[REDACTED]>
Sent: Saturday, October 2, 2021 3:52 PM
To: SpaceXBocaChica
Subject: Space X - positive

Space X has my support to continue and preferably accelerate their launch schedule.

From: Raymond Nickel <[REDACTED]>
Sent: Saturday, October 2, 2021 8:09 AM
To: SpaceXBocaChica
Subject: Space X Enviromental Impact Public Comment

I am for Space X launching from Boca Chica.

Let Space X fly!

I visited Boca Chica on a Texas A&M Recreation Parks and Tourism Science field trip in the 1990s.

We were told by the locals not to stay after dark because of the drug runners.

I just drove down to see Space X in August 2021 and I have to say Boca Chica is a whole different place than it was in the 1990s, a much better place.

This company is trying to make a reusable rocket that can potentially make humans an interplanetary species.

Reusable rocket, this is better for the environment than expendable rockets.

Please put me in pro Space X column.

And no, I do not work for them, I am public high school teacher.

Let Space X Fly!

Sent from [Outlook](#)

From: David Newland <[REDACTED]>
Sent: Saturday, October 2, 2021 2:48 PM
To: SpaceXBocaChica
Subject: Space X launches

Sent from [Mail](#) for Windows 10

As a Texas resident, I fully support Space X efforts at their launch facility in Boca Chica, Texas. Please certify and approve Space X's effort to launch from this facility.

David Newland
Katy, Texas

From: Erik Buehler <[REDACTED]>
Sent: Saturday, October 2, 2021 4:28 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica

ATTN: Ms. Stacey Zee, SpaceX PEA, c/o ICF, 9300 Lee Highway, Fairfax, VA 22031

Ms. Zee,

My name is Erik Buehler and I am the president of the ASTROBi Foundation. We are a non-profit dedicated to astrobiology, which is a field of space science. We wanted to share our perspectives on the environmental impact of SpaceX and its launch vehicle activities at Boca Chica. The SpaceX Starship is a significantly larger launch vehicle than any other launch vehicle currently available. With rockets, size matters, in terms of their efficiency. For a given amount of "stuff" launched into orbit, one large rocket is much more energy-efficient than many smaller rockets. Also, the environmental impacts of one large launch are much lower than the sum of the impacts of many smaller launches. Finally, Starship is paving the way for the reusability of large launch vehicles, which if widely adopted, will reduce the space industry's environmental impact. Whatever the environmental impact is of the Starship for this particular launch, SpaceX's approach of developing larger more efficient rockets is where the space industry needs to go to reduce its environmental footprint. ASTROBi is supportive of SpaceX's efforts to create larger more efficient rockets, which also lowers the cost of access to space for disadvantaged entities through low-cost rideshare opportunities.

Erik Buehler
President
[ASTROBi Foundation](#)

From: Dan W <[REDACTED]>
Sent: Saturday, October 2, 2021 12:04 AM
To: SpaceXBocaChica
Subject: SpaceX environmental assessment feedback

I wish to beg the FAA to consider the value to the USA of SpaceX's plans, including Starship, and to avoid burdening SpaceX with excessive oversight.

Consider that I am a veteran of environmental activism, and remain an environmentalist at heart; but the interests of a whole nation, not to speak of Humanity, must not be jeopardized to protect even a billion turtles; let alone a mere thousand. (The value of protecting this or that species or habitat, in detail, is dubious at best to begin with; the correct way to proceed, in my opinion, should be to protect bio-diversity in general perhaps via a "diversity share", and to reduce atmospheric carbon ASAP.) There has to be some common sense and balance in priorities. Let me first cover the value and urgency of SpaceX's Starship program to NASA, to the USA, and to Humanity:

NASA needs SpaceX. Period.

- * Boeing is effectively dead as an engineering company; I say this as an electronics and embedded systems engineer myself: Boeing's incompetence today is worthy of an entry in the Guinness Book of World Records; their executives, past and present, have done too much damage to their own engineering departments, such as firing engineers over 50 (their best engineers) in a fruitless pursuit of youthful vigor, for one example. That much deep damage cannot be undone. And they micromanage their engineers, dictating what the priorities should be, even though they are not qualified to make such decisions. Boeing has become like a Communist state internally, where obedience to the rigid power chart is all that matters, whistle blowers are persecuted, etc.

- * Northrop Grumman have effectively abandoned the space domain, after getting caught defrauding the US government several times and paying near 500 billion in total damages. They've basically lost the trust. They also persecuted a whistle-blower, by the way.

- * Lockheed Martin are more into defense systems these days.

- * ULA have just retired their legendary and super popular Atlas 5 and Delta 4 rockets in favor of their future Vulcan rocket, which will be moderately reusable and therefore cheaper to operate, though nowhere nearly as cheap as Falcon 9 or Heavy; and will feature US-made engines. Unfortunately, those US-made engines may never materialize, as they gave the contract to Blue Origin, whose CEO is visibly insane, and apparently he thinks he will bankrupt ULA by not delivering the BE-4 engines; and in that way his own rocket, the New Glen, will be king. And he may just succeed, if that is his plan, as ULA has been waiting for four years for those engines, has no second source, no alternative, and suing your own supplier while a contract is still on is of dubious wisdom. ULA may very well go out of business without Blue Origin's delivery of those BE-4 engines, though; this is a very real possibility (not to say that I'm about to shed a tear for them, after their bad-mouthing SpaceX in leaked emails to DC politicians).

- * RocketLabs is a good young company, but they don't have large payload rockets; and won't for a number of years.

- * Firefly, Virgin Orbit and Relativity Space have promising designs, but none have reached orbit yet.

NASA absolutely needs SpaceX, or they may have to go beg to Russia for help, again. And not just for lifting cargo and astronauts to the ISS, but Artemis is wholly dependent on SpaceX as well, even if no one dares say it. The fact is, no other bids to NASA for Artemis Human Landing System make any sense. Both the National Team and Dynetics proposals were simply garbage. Absolute garbage. Specially Blue Origin's offering ... They spent \$4 BILLION to make an ugly cardboard model to show off.

NASA is the most productive and efficient US government agency, also the least corrupt, also the most underfunded, and is under constant siege by congressmen/women and senators who care not one iota for space exploration, but want NASA contract jobs to go to their own states, and perpetually threaten NASA's directors with funding cuts unless they favor Boeing with the contracts. And they can't or won't understand that Boeing simply cannot do the job anymore. NASA's director, whoever he is, has to live with a perpetual gun to his head.

The system is so rigged that when Blue Origin opened its engines production facility, they did so NOT in their own state,

Washington State, but rather in Alabama, to avoid the Washington DC politico problem.

NASA needs the cleanliness and honesty of working in partnership with SpaceX, who are also victims of Washington DC, and understand NASA.

Without SpaceX, NASA will be completely converted by Congress and the Senate's corrupt parties into an ETFTM (excuse-to-funnel-taxpayers-money) type of agency, with zero real output. Artemis is out of the question without SpaceX. Mars is doubly out of the question without SpaceX, for reasons given below.

NASA's under-funding is legendary, and as corruption in Washington DC grows, the future is looking even bleaker. SpaceX, however, will, within a couple of years, have a budget greater than NASA's. And SpaceX is a company whose goal is NOT to make money, but rather to help Humanity become a multi-planetary species. They would probably be happy to not only give NASA free services, but to even fund NASA themselves, if worse came to worst; or to switch roles and pay NASA for their help to SpaceX in its pursuit to colonize Mars. None of the other companies in the space business have any altruistic motives or any higher objectives whatsoever; their purpose is to TAKE money from NASA, the more the better, and for the least amount of work, and no guarantees.

So, lastly, NASA needs SpaceX as a last resort guarantee of its own survival for its own success.

NASA needs SpaceX's Starship, specifically.

- * A launch of Falcon 9 costs NASA about \$55M
- * A launch of Falcon Heavy costs NASA about \$90M
- * A launch of Starship will cost NASA about \$10M !!! Why? Full re-usability (versus partial for Falcons)
- * A launch of SLS will cost NASA \$1.9 B ... just because some crook in Congress or the Senate could not care less as long as the money goes to their state
- * Starship is ESSENTIAL for Artemis, if Artemis is to build a base on the Moon (if all you care is to land for a day like Apollo, then Alpaca is OK)
- * Starship is ESSENTIAL for the Lunar Gateway: Too many launches of SLS at 2 billion a pop, otherwise.
- * Starship is ESSENTIAL to future space astronomy. James Webb is the largest folding mirror you can fit in current spacecraft. Starship can deliver telescopes 5 times as large as James Webb
- * Starship is ESSENTIAL to the US Army, as a means to project power anywhere in 30 minutes or the pizza is free. In point-to-point mode, a single Starship can deliver two Abrams tanks and a whole platoon of soldiers to anywhere on Earth in under 45 minutes. No other military has such ability.

NASA needs SpaceX in order to be able to compete.

NASA is permanently under siege by corrupt politicians who constantly threaten cutting off their funding; meanwhile the rest of the world are moving forward aggressively with their space exploration plans.

Four recent news stories from China and Russia:

- * China and Russia agree to cooperate in a plan to establish a Moon Base by 2031.
- * China is planning to land humans on Mars by 2033
- * China working on a plan to build a kilometer-sized space-ship. (This is NOT at all a pipe dream: A space-ship built in space is no different from a space station with a power plant and propulsion. Building a kilometer size space station is no different from building a 100 meter sized space station; it just takes 10x as many launches; it is merely a matter of will. For China, having a kilometer sized space-ship is an alternative solution to SpaceX's having Starship. They cannot send 1000 Starship's to Mars because they lack the technology, but they can send ONE ship with as much payload as 1000 Starships, without having to develop or steal any new technologies. Clever! And a ship that size could also pack all kinds of military assets including weapons without making them obvious.)
- * Russia are working on nuclear propulsion for space vehicles (The question is, will they share it with China? Will the Chinese kilometer sized space-ship have nuclear engines?)

Russia and China clearly want to beat the US and SpaceX to Mars.

There are good reasons far beyond pride for doing so. Mars is THE KEY.

The first nation to colonize Mars is probably going to rule the world for the next century.

Why?

Mining: On earth, before you build a mine, you prospect for promising locations, drill holes, and assay the terrain. Most mines on Earth are the sites of ancient meteorite impacts. Sudbury, Ontario, for example, is such an ancient (M-type) asteroid impact site.

Prospecting on Earth is made somewhat difficult by the fact that we have weathering and vegetation, which erase and cover impact features.

On Mars, however, there are no tectonics, not much weather (atmosphere is so thin you hardly feel the wind), and vegetation is not a serious problem. In fact, every impact site comes naturally circled for your convenience. Prospectors on Mars will be happy people. Additionally, Mars is about 10 times closer to the Asteroid Belt than Earth is. Given an impact circle on Mars, out of the millions of them, the only question is what kind of Asteroid lies underneath, which may take a day or two to find out. A small percentage of those will be M-types containing Iridium, with a current value of US\$5000 per ounce, 3x as much as gold, which is actually a bargain (or gold is a ripoff; your choice). There are M-types rich in gold, too. Though most of the mining done on Mars will serve Mars, in the first place, and space industry in the second place. However, most of the future economic expansion will take place in space, anyhow. Consumption of mining materials on Earth is actually likely to be reduced due to demographics (falling birth-rate), and Earth resources will suffice to serve the reduced demand.

If China and/or Russia are first to Mars, the first thing they will do is build military defensive perimeters like China is doing currently in Antarctica. Missile batteries, etc.

If SpaceX lands on Mars first, they will not set up missile defenses. However, by the same token, if or when Russia and/or China land on Mars second/third, they will either follow the example of SpaceX and just go about their business peacefully, or they will bring weapons at the risk of world condemnation and a likely war.

Therefore we need SpaceX to be there first.

Military: The Space Force of today is "merely" a fifth branch of the military, which is otherwise primarily land-based. In the future, space assets will be more valuable than ground assets or positions, and the roles will eventually reverse: Space will become the primary branch of any military.

The USA cannot afford to let corrupt politicians and lawsuit happy billionaires continue to bully NASA to a perpetual stand-still while in the middle of a real space-race.

We need a healthy and strong NASA and SpaceX to counterbalance the forces of evil operating from Washington DC and elsewhere.

We also need the few good agencies left to help good people and good companies prevail against the blob of evil that Washington DC has become, and NOT give in to their veiled or not so veiled threats they offer to not execute on, in exchange for joining their side.

And time is of the essence, which is why Elon Musk, in spite of being the second-richest guy in the world, works 100 hours a week, and sleeps in a small prefab (unlike human trash like Jeff Bezos, who works for 4 hours, Thursdays only, because he is too important to get his hands dirty).

It would be neither fair nor wise to throw monkey-wrenches at SpaceX's Starship program in the form of red tape, delays, excessive demands, investigations after every mishap, and putting the onus on them to prove that no turtle is disturbed during mating by the noise of Raptor engines.

This project needs to move forward, For the Good of Mankind. Please let it be!

Having said all that, I wish to urge SpaceX to put a flashing warning light on that tower, before a low-flying plane crashes into it.

From: Brendon Gehring <[REDACTED]>
Sent: Saturday, October 2, 2021 6:23 PM
To: SpaceXBocaChica
Subject: SpaceX Environmental Review

I think what SpaceX is doing in Boca Chica right now will be remembered as one of the great achievements in human history. In addition to being incredibly exciting to watch, I think this creates gigantic opportunities for the United States to secure a long term economic edge in the growing future of the space economy. It's also inspirational, giving me a sense of pride again in what US industry at its best is capable of.

From: Ted Price <[REDACTED]>
Sent: Saturday, October 2, 2021 10:26 AM
To: SpaceXBocaChica
Subject: SpaceX in Boca Chica

I am in favor of allowing SpaceX to develop and launch its Starship and super heavy booster from Starbase in Boca Chica Texas.

I am confident that negatives can be addressed and mitigated. I also believe that it is important that this next step for humanity in space be promoted and allowed to progress as rapidly as possible.

Please accept this note as a "for" vote for SpaceX in Boca Chica, TX.

Thank you from,
Ted Price
Manor, TX

From: Tijmen Schep <[REDACTED]>
Sent: Saturday, October 2, 2021 2:14 PM
To: SpaceXBocaChica
Subject: SpaceX inspires

L.S.

SpaceX inspires me. With a background in the humanities I'm not allowed to believe in simple narratives of "progress". But I must admit the SpaceX activities do excite me in this almost childlike way. I don't care about going to Mars, but I do hope we can improve our own world. In the same way that NASA's work has created so many technological spin-offs, I hope SpaceX's work will too. Starlink is already an example of this, bringing educational videolinks to remote communities.

Seeing those rockets land again, it gives me chills. And not just me.
What's happening in Boca Chica is inspiring people all over the world.

I'm not sure how to weight the value of this, but I hope this value is weighed somehow.

Greetings from Amsterdam,

Tijmen Schep

--

Technology critic and privacy designer
[REDACTED]

From: Michael Cieslinski <[REDACTED]>
Sent: Saturday, October 2, 2021 7:11 AM
To: SpaceXBocaChica
Subject: SpaceX license

Dear Sir or Madam,

I'm writing you from Germany because I want to express my support for SpaceX operations in Boca Chica. The license to launch from there is important not only to the citizens of the US but for the whole humanity. It is necessary to advance space flight for making humanity a multi-planetary species and by this protecting humanity from extinction due to disaster on Earth and also to give hope and motivation to humanity.

For this reasons it is important to get the required licenses for SpaceX as soon as possible.

Regards,
Michael Cieslinski

Michael Cieslinski,
[REDACTED]

From: joe cola <[REDACTED]>
Sent: Saturday, October 2, 2021 6:01 AM
To: SpaceXBocaChica
Subject: SpaceX operation

We are passionate supporters of SpaceX and Elon Musk. Please expedite your issues so that the long range goals of SpaceX and Elon Musk can be met.

Thank you

Joseph and Joan Colao

[Sent from Yahoo Mail on Android](#)

From: Anders Bergkvist <[REDACTED]>
Sent: Saturday, October 2, 2021 12:51 PM
To: SpaceXBocaChica
Subject: SpaceX PEA support

Dear FAA,

Please approve the environmental assessment for SpaceX's Starship development at Boca Chica as soon as possible! This is a magnificent opportunity for humanity to become multiplanetary and a spacefaring civilization. It will serve as inspiration for people across the globe. We have a great momentum of development at this moment in time. Let us facilitate quick and smooth extension of this momentum to the stars.

Thank you for your consideration,

Anders Bergkvist, PhD in Biophysics
Göteborg, Sweden

From: Viper99DDD <[REDACTED]>
Sent: Saturday, October 2, 2021 5:53 PM
To: SpaceXBocaChica
Subject: SpaceX PEA

Ms Stacey Zee

I appreciate the FAA and all they have done, it is an organization with an amazing history, I fear not that final decisions will be in the best interest of all. It is only Time that I wish to be saved, which in essence, is the only way we will be.

The Mars project is much more than meets the eye, it cannot be easily compared to other companies, rockets, past projects, or any other accomplishments of Man.

Currently, the timeline required to finalize a self sustaining colony on Mars cannot be guaranteed, conditions may not allow progress if global trends continue. History is rife with civilizations that have lost the ability to create forward progress or worse, the populations of all were quite surprised, we too could be.

I respectfully request, as a concerned Human, that the FAA use all methods at their disposal to save Time whenever and wherever possible regarding the colonization of Mars, the importance of this cannot be overstated.

Sincerely and with much thought

Respectfully Yours,

Mark Martinek

From: Leo Freese <[REDACTED]>
Sent: Saturday, October 2, 2021 6:38 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Environmental Assessment Public Comment

Hello, my name is Leo Freese, I am 24 years old, and I live in Los Angeles, CA. I would like to submit a public comment for the FAA Environmental Assessment of SpaceX's Starship in Boca Chica, TX. I would just like to say that I believe that what SpaceX is doing at Starbase is one of the most important things happening in our world at the moment. The Starship is the first rocket that will truly give humanity access to space and other planets efficiently. Until SpaceX came around it has simply been too complicated and expensive to get to space. SpaceX's speed of development is what allowed them to change the aerospace industry today, and will continue to revolutionize the industry moving forward. They need as much freedom as they can get to effectively iterate and develop Starship in order to continue their rapid pace of progress. I watch Starship news and updates everyday to see how it's progressing because it is so incredibly important and inspiring to me. It's the first time in history that a rocket is being developed with the capability to allow us to colonize the moon and mars. In order to do this, frequency of testing and iteration is vital, as they are trying things that have never been done before, that are very very very difficult. I hope that the FAA can find a way to allow and promote the freedom of operation at Starbase needed for SpaceX to continue and increase their rapid pace of production and development. The Starship will help make our world a better place, and I can't wait to see it fly!

Thanks for reading, and have a great day! :)
Leo Freese

From: Amil Cerimic <[REDACTED]>
Sent: Saturday, October 2, 2021 9:56 AM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Hello,

SpaceX is the only commercial company that are stepping up to the role of making humans multiplanetary. If not SpaceX, who else? No one has taken the seriousness of our destructive behaviors here on Earth, and once we go too far I'm very doubtful that we can repair our actions. We must not stop SpaceX from reaching this goal, and for this reason, I 100% give my support to SpaceX and all of its projects.

Thanks,

Amil C.

From: Ian Johnson <[REDACTED]>
Sent: Saturday, October 2, 2021 1:34 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site public comment submission

To whom it may concern,

I am writing in support of the SpaceX Starship/Super Heavy launch operation. While I am sure you have received many of the same points by other various members of the public, I would like to reiterate them in my own words.

First and foremost, the area surrounding the SpaceX StarBase likely will experience a "wildlife preserve" like status once launch operations begin. Much like what is seen at Kennedy Space Center, the lack of human involvement in the areas surrounding launch installations lead to a growth in natural environments for local flora and fauna. Additionally, this "no trespassing" zone will also save this area from becoming golf courses, urban settlements, or home to a less environmentally friendly commercial zone. Limiting human access is the best thing you can do for a surrounding ecosystem, and giving the go ahead for launch operations to begin at the Boca Chica site would be the first step in achieving a preservation status like at KSC.

This leads me directly into my second point. The rocket and space industry is a relatively clean industry, with low pollutants when compared to many other commercial facilities. For instance, the fuel used at SpaceX, Methane/LOX, is drastically less polluting than other fuels used in the rocket industry. Notably, Nasa's own SLS rocket. On top of this, the economic boon this would bring to a relatively depressed area cannot be ignored either.

Thank you for your time and consideration on behalf of my comment,

-Ian Johnson, Spokane Washington

From: Jay Purwar <[REDACTED]>
Sent: Saturday, October 2, 2021 7:27 AM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Ms. Stacey Zee,

I am just a 9-year boy who dreams of going to Mars one day. I am looking forward to visiting Boca Chica with my dad to see the Starship launch. I hope that you'll approve te SpaceX application quickly so that a new generation of youngsters can see the glory of the American Space program!

Best,
Jay T Purwar
Truckee, CA

From: David Tekaats <[REDACTED]>
Sent: Friday, October 1, 2021 11:50 PM
To: SpaceXBocaChica
Subject: SpaceX Starship to Mars to colonize Mars from Boca Chica, Texas

SpaceX Starship to Mars to colonize Mars from Boca Chica, Texas

My comment:

We have to do everything we can to colonize the moon & Mars, and if we have to build & launch SpaceX starships in Boca Chica, let's do it.

It's very important that we try to prevent damage to our environment at the same time. I trust SpaceX will do both.

From: Matt Peretin <[REDACTED]>
Sent: Saturday, October 2, 2021 6:37 PM
To: SpaceXBocaChica
Subject: SpaceX Starship

Thank you for following the rules - convoluted though they are.

Now approve the SpaceX plan and get out of the way.

From: Bert Haddad <[REDACTED]>
Sent: Saturday, October 2, 2021 1:39 PM
To: SpaceXBocaChica
Subject: SpaceX Starship/Superheavy Public Comment

If Starship can be made to work with the costs/performance SpaceX is aiming for, it will not only maintain America's presence at the forefront of Space Exploration, but it will usher in a new Space Age for Humanity. Being able to reach, and even permanently settle, the Moon and Mars becomes possible.

Moreover, with launch costs that low, there are space-based climate mitigation systems which can actually be built, specifically a sun-shield* and space-based solar power. Having the sun-shield as an option *could* end up saving much of the world as we know it, should the move to renewable energies take too long. Without Starship, such a project would be impossible due to the sheer costs/scale involved.

While I am not an expert on the local environmental costs of launching from Brownsville, the benefits to humanity are so great that it would be hard for anything to justify stopping such progress. Thanks for your time,

-Bert Haddad
[REDACTED]

*A large cluster of mirrors at Lagrange Point 1, which would block a tiny portion of the sun's rays and help delay catastrophic climate change.

From: Walter Pharris <[REDACTED]>
Sent: Saturday, October 2, 2021 6:31 AM
To: SpaceXBocaChica
Subject: spaceX support

I fully support SpaceX efforts and developments, I recommend approval of their missions.

Walter D Pharris

From: JR <[REDACTED]>
Sent: Saturday, October 2, 2021 12:37 PM
To: SpaceXBocaChica
Subject: SpaceX

Hello,

It is amazing what SpaceX has accomplished in just a few years, I think this is extremely inspiring. We all have to come together and support SpaceX before China takes the front seat.

Best regards,
Jair Nita

From: Traveling Through Time <[REDACTED]>
Sent: Saturday, October 2, 2021 4:03 PM
To: SpaceXBocaChica
Subject: Starship Launches

Please let Elon do whatever he wants, for the future of humanity and space flight.

Also - You should look into 3D modular cities

[Arkology - 7.1 - Revisited - YouTube](#)

From: Matthew Dalling <[REDACTED]>
Sent: Saturday, October 2, 2021 8:51 AM
To: SpaceXBocaChica
Subject: Starship opinion

Personally I think the rockets SpaceX are building are magnificent and will change the space industry forever.

However, I do believe the greenhouse gases/carbon dioxide produced during rocket launches should be offset with carbon capture, investments in green energy etc

Sent from [Mail](#) for Windows



Virus-free. www.avg.com

From: Chris McCluskey <[REDACTED]>
Sent: Saturday, October 2, 2021 6:26 PM
To: SpaceXBocaChica
Subject: Starship Testing

As a US Citizen, I urge the continuation of the Starship prototype testing assuming any reasonable accounting for the environment and safety has been made.

We are a single planet species, and one big rock impacting Earth can change that quickly. As Starship will both 1) eventually aid in detection strategies of NEO asteroids, and 2) may allow humans to live on other celestial bodies, any risk to persons and environment should be balanced with the end goal of the program -- ensuring that humanity isn't a single planet species, and can mitigate the future impacts to Earth.

As SpaceX has taken on this challenge without similar efforts by our government, or similar governments around the world, special consideration and allowances should be made in the development of this work.

Thank you,
Chris McCluskey

From: Brock Noland <[REDACTED]>
Sent: Saturday, October 2, 2021 7:45 PM
To: SpaceXBocaChica
Subject: Starship

Hi,

I strongly support Space X's work at Boca Chica. This is our best shot to get to Mars in our lifetime. Let's get them flying!

Brock Noland

From: [REDACTED]
Sent: Saturday, October 2, 2021 2:46 PM
To: SpaceXBocaChica
Subject: Support for SpaceX

Importance: High

I am in favour of granting SpaceX as many launches as they are able to do, BUT I would require them to build a second road so that they are not blocking public access.

I think their mission is of the utmost importance to humanity, and all life on the planet by not keeping all of our eggs in one basket.

I also think that they care for the environment and will do their best to minimize damage.

Please support SpaceX.

Thank you.
Peter Streicker
[REDACTED]

From: Doug Bonebrake <[REDACTED]>
Sent: Saturday, October 2, 2021 5:37 PM
To: SpaceXBocaChica
Subject: Support

Hello,

I'm writing to express my support for the efforts going on down in Boca Chica. For the future of humanity, the interest of human progress, not to mention the desires of the federal government's stated Artemis goals, SpaceX should be allowed to commence whatever testing and launching necessary at their "Starbase". If land-side environmental impacts are truly of utmost importance, then I recommend setting a conditional approval for them to use Starbase for prototype and initial launch service development until such time (limited by a defined number of years) that SpaceX have the ability to launch from rigs in the ocean or NASA-approved facilities.

Aggressively innovative efforts will happen- that is outside of our control. The choice is whether we work with the people who are pushing and try to direct 'the river', or if we keep throwing stones at the river to stop it (and then they will go somewhere else without such resistance).

Thank you for reading this,
Doug Bonebrake

From: Emanuel Hernandez <[REDACTED]>
Sent: Saturday, October 2, 2021 11:46 AM
To: SpaceXBocaChica
Subject: THE FUTURE OF HUMAN CIVILIZATION

People of the Environmental Committee this is one of the biggest steps to the new era of what we can do and going beyond our limits to advance and to become a multi planetary species These types of new innovations help shape and form the way we see this world and our galaxies. The solar system is something to be explored for new opportunities. For new ideas. For new innovation. For new places. As much as this could be an environmental problem that could pose to the earth the price to pay for such is nothing compared to what we could lose if humans never made it off this planet and could have been the biggest mistake humans would of ever made. Please let's make this happen and let spaceX keep pushing the innovation of Space technology.

,Emanuel Hernandez

From: Brandon McHugh <[REDACTED]>
Sent: Saturday, October 2, 2021 9:31 AM
To: SpaceXBocaChica
Subject: Thoughts on FAA PEA

Hello,

The progress being made at SpaceX is nothing short of incredible. SpaceX has come a long way in just the last 12 months, thanks to Elon Musk's novel approach to rocket design. In a short amount of time, SpaceX has nearly perfected the design of a new spacefaring vehicle. They did that by nailing down the manufacturing process, so that a new Starship was always ready to be moved to the launch pad. Everytime they launched a Starship, the next iteration of Starship was just about ready to go, save the changes made based on the test results of the previous launch. Because of this approach, the most marvelous piece of technology the human mind has ever conceived of, exists.

In order to continue their progress, SpaceX will need to rapidly test the Super Heavy Booster (SHB) with the same spirit of Starship, and Falcon 9 for that matter. I believe that limiting SHB launches to 3 per year is the greatest crutch on technological advancement I have ever seen the government impose. It makes me terribly sad. SpaceX is Christopher Columbus setting sail to explore a new frontier. They are opening a new book, not even a new chapter, in human history. To do anything that slows progress at SpaceX is down-right evil.

The only thing keeping humanity on Earth is the Federal Government.

I ask that the Federal Government back off, and let SpaceX carry humanity into the stars.

Sincerely a proud American and Human,

Brandon Lloyd McHugh

From: Luke adventures <[REDACTED]>
Sent: Saturday, October 2, 2021 7:20 AM
To: SpaceXBocaChica

SpaceX i am a big supporter from Australia. I'm looking forward to seeing the (Starship superheavy booster) liftoff. Wish You's all the best in your mission. And hope to one day watch you put MAN on MARS.

Sincerely
Luke parry

From: Dmitri Moore <[REDACTED]>
Sent: Saturday, October 2, 2021 9:30 AM
To: SpaceXBocaChica

I Dmitri Moore support SpaceX and all of its activities. They have the skill and know how to be successful. Thanks Elon for all your hard work. God bless and God speed.

From: David Coleman <[REDACTED]>
Sent: Sunday, October 3, 2021 12:36 AM
To: SpaceXBocaChica
Subject: Approval of SpaceX Starship Testing Campaign

Dear Sir/Madam,

I am an interested member of the public writing to express my support for the approval of the SpaceX starship testing campaign at Boca Chica in Texas.

I believe that its important that the SpaceX starship program receives approval as the Starship program is an essential step forward in the development of rocket technology. The Starship will be the first superheavy lift capable reusable rocket system which will revolutionise human space flight and dramatically expand the horizons of humanity to the moon, mars and beyond.

The starship will revolutionise the economics of human and heavy lift space flight by dramatically reducing the cost per kilogram of launching payload into orbit because of the ability to reuse the rocket. In this way it will also enable humanity to become a multiplanetary species and reduce the risk of humanity being wiped out by a cataclysmic event such as an asteroid strike, climate change or nuclear war.

Looking at the importance of Starship from a big picture point of view, it is imperative that the testing campaign be approved as quickly as possible. Naturally it is important to observe all necessary safety and environmental parameters but it is equally important to remain focussed on the importance of this program to the future of humanity and the long term survival of our species.

Yours,

David Coleman

From: Laura Germany ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Sunday, October 3, 2021 9:45 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

This issue, of requiring a comprehensive EIS, that considers the cumulative effects of SpaceX environmental impact and safety risks is very important to me and I have been following any related stories or information about these issues. I am a registered and active voter. While I personally do support our exploration of space, I adamantly believe it should not come at great cost or overwhelming sacrifice of our only beautiful and lonely host planet, Earth. There must be oversight and a balance with progress, let us not be the ones our children and grandchildren wish had taken better care of our planet. Let us be responsible and make our progress carefully and with consideration, lest we, or those who follow find the costs of our negligence too much to hear.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Laura Germany
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Helen Sansone ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Sunday, October 3, 2021 3:56 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

I live directly across from SpaceX in Long Island Village and the current tests are negatively impacting our environment and peaceful enjoyment of our home. Gasses and debris from launches and explosions and dramatic shaking of my foundation as well as the potential damage to seawalls and the wildlife are major concerns.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

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The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Helen Sansone
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Carolyn Croom and John Tate ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Sunday, October 3, 2021 6:22 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

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The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Carolyn Croom and John Tate
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Janet Delaney ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Sunday, October 3, 2021 12:16 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Janet Delaney
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Rick Southerland <[REDACTED]>
Sent: Sunday, October 3, 2021 3:10 PM
To: SpaceXBocaChica
Subject: Comments for FAA Environmental Assessment for SpaceX

Dear Sir or Madam,

I am a Texas Resident and I have travelled to the Boca Chica SpaceX sites. Please approve the Environmental Assessment for SpaceX as shown in your document.

SpaceX is taking all precautions to be a responsible environmental citizen and take safety and environmental impacts into account for all their activities that I am aware. Building the space commercial transportation for the United States, NASA and other agencies is a hard business as you know. SpaceX is to be overwhelmingly commended for sponsoring and primarily funding this effort in South Texas. Space development is very hard and the FAA should provide the encouraging guidance to allow the SpaceX company to do their best work to accomplish the spaceflight goals in an extremely fast and safe manner. Development time and engineering design flexibility is of the essence and they are doing the best available to take all governmental, state, county and national goals into account in their activities. SpaceX needs the full support and cooperation of the FAA and other agencies much like those agencies helped the Apollo Moon mission during the sixties and seventies to become a reality.

Therefore, as a US and Texas citizen, I implore you to approve and facilitate SpaceX in its South Texas Boca Chica area endeavors. Please make this happen without delay or hindering interference from other jealous or devious parties that would seek to halt the United States progress toward our future spaceflights.

Sincerely signed,

Rick Southerland
[REDACTED]

From: steve fisher <[REDACTED]>
Sent: Sunday, October 3, 2021 6:38 AM
To: SpaceXBocaChica
Subject: Draft Pea

and I am in support of the draft PEA And the SpaceX program

From: Ruheel Khan <[REDACTED]>
Sent: Sunday, October 3, 2021 12:55 AM
To: SpaceXBocaChica
Subject: EIA (Environmental Impact Assessment)

Hi,

SpaceX has found humanity a new way to think.

I think in my opinion if we have a new technology that exhausts all the old technologies then humanity should give them a chance in order to head for a new future. Of course SpaceX have proven this. By reusability of the spacecraft. By using recycle technology it naturally provides less negative effects on environment. And when you have 100-percent reusable vehicle then naturally there will be less effect on environment by using eco-friendly fuels which release very less carbon emission. As fuel is prepared in industries greenhouse gases are released in controlled manner. And fossil fuels remains as it is because fossil fuels aren't used which are the main causes of greenhouse emissions.

As for As the local habitats is concerned I don't think there will be such a great impact because it is not just like an airport where plane can take off within minutes most probably there will be one launch or two launch per day in future. So basically it will not hinder local animal habitats.

Thanks

Regards

Ruheel Khan
[REDACTED]

From: Wes Ekwall <[REDACTED]>
Sent: Sunday, October 3, 2021 8:23 AM
To: SpaceXBocaChica
Subject: Endorsement: SpaceX

Ma'am/Sir,

SpaceX is the most advanced, and has the most likely positive outcome, for space lift and future exploration of space/extension of humanity beyond Earth.

All activities around their assembly and launch facilities are more conscious and compliant than anything of a similar scale/stage of development. Clearly, their impact is nascent, and well worth the larger collective good.

Please approve and endorse all of their plans to continue to operate — and do so soonest!

Respectfully,
-Wesley A. Ekwall
[REDACTED]

From: Robert Petkus <[REDACTED]>
Sent: Sunday, October 3, 2021 11:43 AM
To: SpaceXBocaChica
Subject: FAA Environmental Assessment SpaceX

To whom it may concern,

As a US citizen and tax payer I fully support the activities of SpaceX at Boca Chica, TX.

The work performed by SpaceX is vital to US national security and economic objectives. We are also in the midst of a generational, technological race against belligerents. Successful launch of Starship and a stable launch cadence will enable a new era of human exploration and low cost access to space.

I also fully support the valuable work performed by the FAA.

Thanks for your attention,
Robert Petkus

From: Fabian Scholten <[REDACTED]>
Sent: Sunday, October 3, 2021 10:52 AM
To: SpaceXBocaChica
Subject: FAA's Environmental Assessment about SpaceX in Boca Chica

Hello from Europe!

In our opinion, the FAA had made a clear decision just by publishing that Assessment. In General, it is Go for Launch. That's why we don't want to focus on direct comments on the FAA's assessment, we want to criticize the length of time it is taking the FAA to issue its opinion on the environment at Boca Chica. We believe a general opinion would suffice, and the need for an FAA agent to be on-site at every launch is also not beneficial to the environment. We hope that the FAA will accept SpaceX's plans because of SpaceX's futuristic ideas and the impressive strides the company has made and will make in the future. The Starship will be the most modern and efficient launch vehicle, which cannot be forced to wait because of old-fashioned and inefficient assessment of the FAA.

The Starship Program should be the main priority by the FAA because of its importance for America and the entire world. If SpaceX wants to accomplish their goal of sending thousands of Starship in one year, the FAA has to renew their commenting strategy.

From: Plamen Gurov <[REDACTED]>
Sent: Sunday, October 3, 2021 11:56 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED] - response to
Draft_PEA_for_SpaceX_Starship_Super_Heavy_at_Boca_Chica.pdf

Dear FAA,

I want to thank you for your thorough assessment. I also want to thank the agency for its decision to issue “...experimental permits and/or a vehicle operator license to SpaceX ...” based on the minimal impact of SpaceX Boca Chica operations to all environment study areas.

I would like to add my voice in support of this decision and to advocate for issuing the maximum number of experimental permits **and** a vehicle operator license for the following additional reasons:

1. The future of humanity

SpaceX and its founder have stated on numerous occasions the goal of the company to work towards making humankind a multi-planetary species. As nebulous and as far in the future this goal is, SpaceX is the only company that is making deliberate steps to achieving it. We already see that SpaceX showing the path spurs activity in the established “space oriented” companies and triggers the creation of new companies with new ideas that help humankind on the multi-planetary path.

As much as one hopes that there will be others to follow in his path, Elon Musk remains, I would say, the only one in the present times that combines vision, brilliant engineering, and entrepreneurship to be able to quickly move towards this goal.

We should be helping him in any way possible.

2. The future of planet Earth

Elon Musk has shown his intention with the companies he founded to solve some of the biggest problems humanity faces on Earth.

With Tesla/SolarCity, he showed that an EV is not only viable alternative, but a good business proposition. He open-sourced his patents to spur competition and accelerate the transition to cleaner mode of transportation.

With the Boring company and the Hyperloop proposition, Mr. Musk is leading the way to establish high speed transportation that solves urban congestion, the speed of transporting people and goods and land use.

With Starlink, Mr. Musk is already disrupting well established (and dormant) satellite internet industry. Starlink is again the leader in the technology ahead of established and aspiring competitors.

By working to achieve its main goal SpaceX will bring several benefits to Earth:

- If SpaceX is to bring people to Mars and return them, it must solve the problem of producing methane and oxygen on Mars from solar energy, carbon dioxide and water. These are abundant resources here on Earth and once the technology is mastered, the Starship/Super Heavy operation will become sustainable with close to 0 carbon footprint. This is one of the main benefits in my view.
- Lowering the cost of the access to space will spur new economic activity on a scale as limited as space itself is.
- A fully reusable and carbon neutral Starship/Super Heavy having payload capacity of up to 100 (later 150) tones will enable extremely fast transportation of people (raw

calculations makes it up to 500) and goods between any two points on Earth within 30 minutes.

- Making Starship/Super Heavy fully reusable will not contribute space junk around Earth.

3. Leadership and technological edge of the USA

SpaceX already returned the launching of astronauts to US, showing unmatched capability that surpasses even the well-established “space” companies.

SpaceX was second in number of launches behind China in 2020 but brought more than twice as much payload (in mass) and more than 50% of the entire world. So far in 2021, SpaceX exceeded its 2020 payload mass brought to orbit by 20 tones to a total of 260 tones.

By enabling SpaceX to design, test, operate and refine its Starship/Super Heavy vehicle, FAA will help USA remain the leader in space technology and activities.

4. Technological advancement that could translate to other sectors of the economy

We already see how the space launch capability of SpaceX enables other industries like satellite internet and broadcast/communications. We also see their research in material science related to Starship/Super Heavy development spills into the auto industry – their steel alloy is used in the production of Tesla’s Cybertruck.

Here are some other future technological advancements:

- Production of methane and oxygen from solar power, carbon dioxide and water will boost the renewable energy industry by providing a way to store energy.
- Lowering the cost of access to space will make it economically viable to launch solar farms on GEO that can beam using microwaves the harvested energy to the ground. China already has plans to experiment with the technology. Caltech and USAF plan to launch experimental satellites in 2023 and 2024 respectively.
- Starship heat shield tiles and the way they are attached may find uses in the metallurgy and the energy industry (fusion reactors)

Sincerely
Plamen Gurov

From: [REDACTED]
Sent: Sunday, October 3, 2021 8:12 AM
To: SpaceXBocaChica
Subject: Harrison, Comments Regarding SpaceX's Activities at Boca Chica

To whom it may concern,

I SUPPORT SpaceX's proposal for use of the Boca Chica site to develop it's Super Heavy booster and Starship programs.

I understand the legitimate concerns to SpaceX's activities. Currently, it most certainly results in limitations to access to surrounding areas. Testing must be completed in a thoughtful manner so as to minimize environmental impacts. Resources made available based on SpaceX's activities could and should be applied to mitigate access and environmental issues. I would hope that SpaceX's presence will serve as an economic engine for the region which will improve the lives of people in and around Brownsville. The improvement should include changes to infrastructure, education, etc., as well as, availability of and access to natural resources.

Previously, the Boca Chica area has been negatively impacted by petrochemical extraction and processing activities. I would hope that SpaceX and associated development could be the catalyst for a comprehensive cleanup of the area to the benefit of residents, conservation programming, and outdoor activities. I believe that SpaceX's use of the area is critical to our national and local interests. Also, I am environmentally-minded and feel as though leveraging the development of this area for broader environmental, conservation activities and outdoor uses is made possible by the presence of SpaceX and should be a requirement of the company and Texas community.

Sincerely,
Edward Harrison

From: David john Taylor <[REDACTED]>
Sent: Sunday, October 3, 2021 7:00 AM
To: SpaceXBocaChica
Subject: Launch needs at Boca Chica

Dear America,

There are precious few times in History when far sited decisions for the betterment of Humankind are discussed and decided upon.

I believe SpaceX's efforts to extend Humanity to the Solar System is one such time.

As an Australian used to the constraints of regulatory laws concerning flight, I still hold in the highest regard the USA's progressive leadership in ALL matters of Aerospace.

Therefore it pains me to observe the possibly retrograde permissions that have prevented SpaceX from continuing their programme to develop Starship to its full potential.

A truly "breakthrough" technology such as SpaceX's Starship, should be supported by the Governing Authorities.

History is entirely accurate of this.

To err on the side of caution is to condemn a Nation to mediocracy.

So Onward I say.....

Let SpaceX do its thing...!

Utmost Sincerely

David John Taylor.

From: Farren Maré <[REDACTED]>
Sent: Sunday, October 3, 2021 11:02 AM
To: SpaceXBocaChica
Subject: My 2 cents

I'm not a citizen of the USA but hope my say counts.

For the sake of humanity our flora and fauna, SpaceX needs to not be hampered in reaching their goals.

It's all good to look after our environment and in most cases, I would favour the environment over a commercial endeavour however SpaceX is working on making humanity multi-planetary and this goal actually works towards preserving our environment. How so? Well in my opinion anything we do to save our environment will be for nothing if a cataclysmic event occurs on earth. This could be something out of our control (i.e. big ass asteroid headed directly for us) or within our control (i.e. global warming), regardless, if we don't have the ability to become multi-planetary and one of these events occur, then we are doomed.

Let them fly, let's take our environment to new worlds.... at some point this is the only way to ensure humanities/environmental survival into the far future.

Thanks

Farren from South Africa

From: Joseph Truncale <[REDACTED]>
Sent: Sunday, October 3, 2021 11:39 AM
To: SpaceXBocaChica
Subject: Positive Comments on Draft Programmatic Environmental Assessment for SpaceX

To Whom It May Concern,

In spite of the fact I am and have always been a “fan” of spaceflight and flight in general, I am also keenly aware of some negative consequences of the industry.

Environmental contamination is no stranger to aerospace. From toxic solid rocket exhaust, contaminated test facilities, to disposable rockets and single use rocket stages left in orbit - only to collide with other debris and render dangerous much of low earth orbit.

Therefore, it is with eyes open I see the entrance, and now dominance, of SpaceX as a launch provider. They are the world’s largest deliverer of payload to orbit. And as such they have the largest responsibility for halting and reducing impact on our environment - on our Earth.

SpaceX under the stewardship of Elon Musk is, I believe, meeting the challenge in a manner unique to our times. It is one thing to encourage employees to recycle or car pool. It is quite another to have a personal and corporate mission with the goal of preserving mankind.

Yes, SpaceX’s plan is to make us a multi-planetary species. But the beauty of that vision is to accomplish this - not by polluting earth or sacrificing the lives and wellbeing of humans, but to reduce the amount of pollution here on earth, at the same time as he raises capital to achieve his goal. SpaceX and sister company Tesla were created to reduce our dependence on petroleum, create a demand for and a supply of practical and desirable electric transportation, and increase the practicality of solar power generation by developing battery storage systems for households, industries and utility companies. Less infrastructure needed. Fewer fossil fueled power plants needed. Less greenhouse gases produced.

Even Starlink has as its goal, providing internet accessibility to the non-served and undeserved, not to enrich Elon Musk, but to generate the capital to fuel the production of large numbers of 100% reusable Starships.

So, what is the relevance of the above to a Draft Environmental Assessment for the Boca Chica site? Elon Musk, via SpaceX and Tesla, is helping mankind and the earth survive and make a comeback from the indignities that have been heaped upon them. This man has put his money where his mind and heart dictate - not as an afterthought of long years of getting rich on the backs of those less fortunate, rather by creating a cohesive plan, working incredibly hard, and inspiring all who participate with him to do more than they thought possible to bring about a better world. This includes the thousands of employees who have good American jobs, creating fantastic American products, that are not designed to kill or cause deaths due to environmental pollution.

I am confident of SpaceX’s commitment to avoid, minimize, or ameliorate any consequences to earth, its flora, fauna, or humans. Should any shortfall arise, it must be addressed. There are no excuses “in the name of progress”. I expect SpaceX’s foresight and diligence to continue to protect on a local scale the good they are fostering on the global level.

Sincerely (and thankfully now with optimism for the future), Joseph F. Truncale

[REDACTED]

From: George Odium <[REDACTED]>
Sent: Sunday, October 3, 2021 12:20 PM
To: SpaceXBocaChica
Subject: Public Comment on SpaceX PEA

Dear Ms. Zee,

I'm a private citizen with no financial interest in SpaceX. I also live in upstate NY, so I will not be directly impacted by any SpaceX activities in Boca Chica.

I'm writing in support of SpaceX's plans to conduct orbital launch testing of the Starship/Super Heavy system from the Boca Chica site. If successful, having a rapidly re-usable heavy lift launch system will bring immensely positive impacts to the USA and the world. Having relatively cheap and reliable access to space for ordinary people and companies will transform our futures for the better in a hundred different ways.

With careful attention to preserving the environment near the launch site, I'm confident that the areas near the Boca Chica site will remain a safe and beautiful refuge for wildlife, just as Kennedy Space Center has through decades of rocket launches.

Thank you for this opportunity to share my opinion!

George Odium
Red Hook, NY

From: Jari Malinen <[REDACTED]>
Sent: Sunday, October 3, 2021 12:52 PM
To: SpaceXBocaChica
Subject: Review comment

Hi,

I have spent months at my second home in Brownsville 20min driving distance from the launch site, including when the SN11 and SN15 prototypes were launched.

I also have driven by the launch site multiple times to visit the Boca Chica beach during this past summer.

I believe the launch site is perfectly ok where it is and want to express my support for its operation as informed so far.

Thank you,

Jari Malinen

[REDACTED]

[REDACTED]

From: Nikola Susnjara <[REDACTED]>
Sent: Sunday, October 3, 2021 11:22 AM
To: SpaceXBocaChica
Subject: Space X public comment supporter!

Hello dear person,

It is my belief that the success of Space X's starship and star base platform is critical for humanity's future.

Please note my complete support in favor of star ship testing and flights during the environmental assessment public review process.

Thank you,
Nik Susnjara

From: [REDACTED]
Sent: Sunday, October 3, 2021 4:14 PM
To: SpaceXBocaChica
Subject: Space X

Space X needs to be allowed to perform whatever testing and launches it needs to do at the Boca chica facility. Whatever adverse effects it might have on the local environment will be more than offset by the advances in space flight and general scientific advances it will make. The minor adverse effects it might have pale in comparison to what routinely gets dumped into the environment on a daily basis by industry for simple profit motives.

Let them work.

James Shiver

From: Colvin Goree <[REDACTED]>
Sent: Sunday, October 3, 2021 6:29 AM
To: SpaceXBocaChica
Subject: SpaceX approval

Hello, I am an average citizen writing to register my full support for the SpaceX program and hope that the FAA will provide approval and support for the ongoing testing, development, and launching of the SpaxeX Heavy Booster and Starship stack to orbit.

Colvin Goree

From: Jack Weis <[REDACTED]>
Sent: Sunday, October 3, 2021 2:26 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Draft Environmental Assessment

SpaceX broadly and the Starship program in particular is vital to our country's national security and represents the first serious attempt in generations to inspire Americans to look to the stars. Our country needs this. Quite frankly no amount of beaches or viewsheds is worth losing Starship over.

From: Andrew Terris <[REDACTED]>
Sent: Sunday, October 3, 2021 8:16 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Feedback

Hello

I wanted to reach out during this comment period to share my thoughts. I am a technologist and entrepreneur based in Georgia.

While I am not near Boca Chica, I have been closely following the SpaceX progress along with the other companies and organizations that are continuing to push our reach into space.

While I believe it is extremely important to ensure that any actions by SpaceX are safe both for people and for our environment, I strongly believe that we need to identify a path forward that protects us and our world while also enabling humans to continue to push the edge of technology.

As someone born in 1985, I feel extremely lucky to have lived during this time of accelerating technology and the boon it is creating for all people. By continuing to support and encourage pushing our limits, I believe we are working towards a better future for all, not only in space, but more importantly here on earth.

Thank you for your time and consideration of all requirements and concerns as part of this process

Best
Andrew Terris

From: David Rizzi <[REDACTED]>
Sent: Sunday, October 3, 2021 9:37 AM
To: SpaceXBocaChica
Subject: SpaceX Environmental Impact

Cape Canaveral is located in Merritt Island which is a 140,000 acres U.S. National Wildlife Refuge on the Atlantic coast of Florida's largest barrier island. NASA's Kennedy Space Center and visitor complex are also situated on the island and NASA can restrict access to the refuge based on its operational needs. In the past 70 years NASA has built structures, conducted tests and flights which many have resulted in explosion failures. During the height of the space race environmental impact was never a concern. The Merritt Island National Wildlife Refuge is thriving more than ever after 70 plus years of this environmental impact.

Spacex has accomplished goals in five years using less tests and flights than NASA did at Cape Canaveral in 70 years. By using modern technology and computer assisted simulations the environmental impact is minimal. This company appears to be more concerned about the environment by using solar power, recycling, reusable rockets, cleaner fuels than other companies.

By putting restrictions on a company like Spacex that has done so much for the space industry as well as creating a high environmental friendly standard for other companies to follow would be a mistake. Instead of trying to hold a company back with these values and goals it would be best to support them. The fact that Spacex has set its home base here in the United States is a privilege for all Americans and man kinds future.

From: Troy Gustafson <[REDACTED]>
Sent: Sunday, October 3, 2021 7:12 PM
To: SpaceXBocaChica
Subject: SpaceX Launch Facility

Please allow SpaceX to do whatever it wants to.
Elon Musk is saving the planet.
Do not get in his way.

Troy Gustafson

From: Kalle Centergren <[REDACTED]>
Sent: Saturday, October 2, 2021 11:14 PM
To: SpaceXBocaChica
Subject: SpaceX launch site

I am happy to see SpaceX new launch site in boca chica, it doesn't only bring work and a boost for the local economy, but also much needed hope for the future.

Please let them to continue testing, this will put Boca Chica on the maps, and perhaps become as iconic as Kennedy Space Center in the years to come.

Go SpaceX, and Go Boca Chica!

From: Thomas Mullen <[REDACTED]>
Sent: Sunday, October 3, 2021 1:10 PM
To: SpaceXBocaChica
Subject: SpaceX review

I as a private citizen of the USA fully support all SpaceX endeavours in Texas. Fill stop.

From: Robert Purcarea <[REDACTED]>
Sent: Sunday, October 3, 2021 2:25 AM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site approval

My name is Purcarea Robert
[REDACTED]

Dear all, you are doing a great job!! I will be short with my request/ comment.
I say yes! Please let it go!! SpaceX and Elon Musk plans are important for all of us and future generations.
Negatives impact are insignificant with the goal.
Thank you
Robert Purcarea

Verstuurd vanaf mijn iPhone

From: Kevin Vogt <[REDACTED]>
Sent: Sunday, October 3, 2021 6:55 PM
To: SpaceXBocaChica; Kevin Vogt
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site comment

Hello FAA staff.

First thanks for all the great work over the years your agency has provided to make the US one of the best and safest nations for both public and private air travel and a leading nation with space systems as well.

I am a US citizen thankfully living for years in Brevard county Florida just 5 miles from Patrick space force base and a bit more than 15 miles from Kennedy Space Center. I appreciate all the key efforts you and NASA have used to ensure optimal safety while balancing concerns for useability of the area, ecological impacts and concerns and economic considerations for the region amongst many other often competing concerns. With all that said, I and my family all really enjoy watching launches and also appreciate the real economic value these services have provided to our county for many decades.

I think watching the SpaceX developments in south Texas have been both very exciting and provide a highly refreshing openly visible vantage at how SpaceX has been developing, iteratively refining and improving their new Starship space transportation platform. I think the importance of allowing them to continue at close to the pace they have been going is essential for the entire USA to maintain its position in space going forward. Of course we need to ensure they are doing this safely for all involved and the local community, the value to the local economy long term should have a great benefit.

So I do hope you allow the SpaceX Starship Super Heavy Project at the Boca Chica Launch Site to have a more generous ability to continue to develop and test the starship systems for both sub-orbital and orbital test flights leading up to general production launch systems capabilities to be able to routinely fly.

Additionally I hope the FAA approves both Boca Chica and also the two mobile sea launch platforms (Phobos & Deimos) that are being now modified for SpaceX to service the starship systems.

Thanks for your time in reviewing this and good luck to you all.

Sincerely,
Kevin P. Vogt
[REDACTED]

From: Ben Galyon <[REDACTED]>
Sent: Sunday, October 3, 2021 1:07 PM
To: SpaceXBocaChica
Subject: SpaceX starship

Starship means the world to me. I don't know who I would be today with out SpaceX's starship. All of my motivation, and the reason I get up in the morning, The future goals I set for myself all come from starship. I have a baste my life around what SpaceX is doing and I don't know what I would do if starship was canceled. What SpaceX is doing with starship is incredibly inspiring and will change the world and The course of humanity. Please allow humanity to have such a great gift.

From: Cameron Schlehuber <[REDACTED]>
Sent: Sunday, October 3, 2021 8:53 PM
To: SpaceXBocaChica
Subject: SpaceX Starship/Super Heavy Launch Vehicle Program

Ms. Stacey Zee, SpaceX PEA

Please know that I am in full support of the SpaceX Starship/Super Heavy Launch Vehicle Program going forward as expeditiously as possible.

Cameron Schlehuber
Sun City, AZ

From: Lyvonne S <[REDACTED]>
Sent: Sunday, October 3, 2021 5:06 PM
To: SpaceXBocaChica
Subject: SpaceX

We must continue space exploration. Starship, SpaceX employees and Elon have proven they can do this.. God Speed Starship!

Lyvonne Snyder
[Sent from Yahoo Mail on Android](#)

From: Kendall K.Lotspeich <[REDACTED]>
Sent: Sunday, October 3, 2021 8:33 AM
To: SpaceXBocaChica
Subject: Starship Super Heavy environmental review

Dear Sir/Madam,

I am an interested member of the public writing to express my support for the approval of the SpaceX starship testing campaign at Boca Chica in Texas. I believe that it's important that the SpaceX starship program receives approval as the Starship program is an essential step forward in the development of rocket technology.

The Starship will be the first superheavy lift capable reusable rocket system which will revolutionise human space flight and dramatically expand the horizons of humanity to the moon, mars and beyond. The starship will revolutionise the economics of human and heavy lift space flight by dramatically reducing the cost per kilogram of launching payload into orbit because of the ability to reuse the rocket. In this way it will also enable humanity to become a multiplanetary species and reduce the risk of humanity being wiped out by a cataclysmic event such as an asteroid strike, climate change or nuclear war.

Looking at the importance of Starship from a big picture point of view, it is imperative that the testing campaign be approved as quickly as possible. Naturally it is important to observe all necessary safety and environmental parameters but it is equally important to remain focussed on the importance of this program to the future of humanity and the long term survival of our species.

Yours, SpaceX fan

From: Avery Avery <[REDACTED]>
Sent: Sunday, October 3, 2021 9:40 AM
To: SpaceXBocaChica
Subject: Starship Testing

Dear Sir/Madam,

I am an interested member of the public writing to express my support for the approval of the SpaceX starship testing campaign at Boca Chica in Texas.

I believe that its important that the SpaceX starship program receives approval as the Starship program is an essential step forward in the development of rocket technology. The Starship will be the first superheavy lift capable reusable rocket system which will revolutionise human space flight and dramatically expand the horizons of humanity to the moon, mars and beyond.

The starship will revolutionise the economics of human and heavy lift space flight by dramatically reducing the cost per kilogram of launching payload into orbit because of the ability to reuse the rocket. In this way it will also enable humanity to become a multiplanetary species and reduce the risk of humanity being wiped out by a cataclysmic event such as an asteroid strike, climate change or nuclear war.

Looking at the importance of Starship from a big picture point of view, it is imperative that the testing campaign be approved as quickly as possible. Naturally it is important to observe all necessary safety and environmental parameters but it is equally important to remain focussed on the importance of this program to the future of humanity and the long term survival of our species.

Yours,
Avery Abreu

Sent from my iPhone

From: [REDACTED]
Sent: Sunday, October 3, 2021 1:54 AM
To: SpaceXBocaChica
Subject: Support for Space Exploration Company

To whom it may concern, I Michael Tenney a United States of America citizen is in full support of Space Exploration Company Developing, Testing, Launching and Landing the Starship space craft and the Super Heavy Booster and any other space craft from the Boca Chica Star base Texas location. With careful thought concerning the safety and well being of the public and any and all wildlife, whether on the endangered species list or not. The amount of knowledge and understanding that will come from this development will not be easily quantified. The amount of human Advancement and information attained will be incredible for all mankind. With a player (Elon Musk) in this endeavor with commitment to use his own personal financial resources had never been seen in history. With this being said we as the American people should fully support this endeavor however we can. Plus, our elected officials/public servants should do the same. This I hope would include substantial financial commitment from the federal government. This includes FAA, NASA and any other department or entity that looks to gain from this advancement in human understanding an insight into science. In conclusion I do fully and completely support Space X in there Flight Operations at their Boca Chica facility.

Thanks,

Michael Tenney

[REDACTED]
[REDACTED]

From: Juan Franco <[REDACTED]>
Sent: Sunday, October 3, 2021 1:52 PM
To: SpaceXBocaChica
Subject: Support for SpaceX

I am writing to express my full support of spacex startship program in boca chica Texas and to request the FAA to let them move forward as soon as possible.

Juan M Franco
[REDACTED]

From: John Harvey <[REDACTED]>
Sent: Sunday, October 3, 2021 7:53 PM
To: SpaceXBocaChica
Subject: Support for SpaceX at Boca Chica

Dear Ms Zee,

I support the efforts of SpaceX at their Boca Chica site.

I am disappointed that there will not be more launches and landings at the site, but I suppose the designated numbers of launches and landings is sufficient for development.

I agree that there appear to be no significant environmental and wildlife impacts and, in fact, with the planned mitigations there may actually be improvement to the environment at the site.

Please take the steps necessary to give SpaceX full approval for their plans.

Thank you,
John Harvey

From: Calvin Croucher <[REDACTED]>
Sent: Sunday, October 3, 2021 5:52 AM
To: SpaceXBocaChica
Subject: Support for SpaceX

To Whom it May concern,

I am writing to express my full support for what SpaceX is attempting to accomplish. Government interference should not be allowed to stand in the way of the one company who shows the greatest promise of making earth multi-planetary.

Please allow SpaceX to proceed with its space exploration, unhampered by environmental groups and federal agencies who do not understand the positive value SpaceX provides.

Regards,
Calvin Croucher

From: John Cameron <[REDACTED]>
Sent: Sunday, October 3, 2021 8:14 AM
To: SpaceXBocaChica
Subject: Support

Dear SpaceX

Thank you for all you do. I support your efforts in reaching Mars and ask that you send me any information with ways I can help.

Also a schedule of SpaceX launches if possible.

You're the best, Thanks Much
John Cameron

From: John Hartley <[REDACTED]>
Sent: Sunday, October 3, 2021 11:12 AM
To: SpaceXBocaChica
Subject: To Ms. Stacey Zee, RE: September 2021 Draft PEA

Dear Ms. Stacey Zee,

I have reviewed the Executive Summary of the Draft PEA. I write to express my support for allowing SpaceX to proceed with their very valuable and important mission(s).

I understand that the SpaceX's flights have an impact on the area in all the categories listed in the PEA. I was impressed by the detailed description of the various areas of impact and study done to examine and quantify the impact in each area. This I assume is the result of strict oversight by the FAA done on behalf for the community which I applaud as I do authors of the document in their detailed response.

My support of SpaceX's activities is based on these points:

- First and most important is that we should recognize that the activities of SpaceX as those that go beyond commercial value, which is the usual measure of value. Their efforts transcend normal activities of our day to day lives. And while this may be difficult to explain, one may come closer to understanding if you try to answer questions like; 'What is the meaning of life?' and 'What is our place among the cosmos?' What will historians consider as important a hundred years from now, or even a 1000 years from now?

I remember once, someone challenged the small bit of money the US government spends to support the Arts and Museums and the like. The argument was basically; 'how can we spend money on these luxuries when there are hungry, sick and needy among us?' The NEA official answered by acknowledging that the money spent on the Arts did not help us live longer, but rather, it gave us a reason to live.

Consider the impact on the World when Neil Armstrong set foot on the moon. Our view of ourselves was changed forever. For me it was a combination of optimism, confidence in science and the future and seeing Earth differently; as very delicate small green oasis home for humans but simultaneously feeling a calling for us that goes beyond Earth. I believe the all the world saw ourselves differently; as a human species destined to one day go beyond earth, far beyond earth.

In the early 70's I was in an off campus bar outside the University of Louisville. Upon walking in, I was approached by a foreign student, I guess from Iran or a similar area and he approached and aggressively began telling all that is wrong about America and he was not impressed. I just listened. Then he challenged me; 'You Americans think you are so great, tell me just one great thing, just one great thing you ever did!' It took a few seconds, but I quietly said, '... well, we landed a man on the moon'. There was a pause, then he said, well 'ok, but name one other great thing you ever did!' I walked away satisfied I had made my point. But I was unsure what I would have said if I had to come up with a second thing.

In summary, I believe what SpaceX is trying to do (develop space flight with a goal of landing humans on Mars as the first step in making humans an interplanetary species) is a *noble endeavor of humankind*. If successful, it will be a historic one as well. That must figure into your consideration of your authorization for continuation of their planned activities.

- Many objections to construction projects or related activities like that of Airports is logically argued that the facility or activities would be better placed somewhere else. They should locate further away from a city center, or river, or lake or...., Boca Chica is located at the southern tip of Texas which makes it ideally located for a US space port because the fuel required to reach orbit is much less than if located further north. Additionally it is on the east coast of Texas which is an advantage as launches fly east meaning there is minimal fly over exposure to the area during launch. And finally, Boca Chica is sparsely populated.

Assuming that you agree that SpaceX's facility and activities are warranted, where do you suggest they operate if not Boca Chica?

- The overall impact to Boca Chica is positive and I expect most residents welcome SpaceX. Economically, it certainly is a positive for the area. I know if I lived in Boca Chica, I would be proud of the role the community plays in supporting SpaceX. If SpaceX continues to base operation there, I believe Boca Chica will become known as a historical sight for space flight for the 21st century. The Cape Canaveral of Texas, but maybe even more relevant. If I was a resident, I would be doing all I could to support their efforts and with hope they would expand operations there.

Best regards,

John

John Hartley
Hartley Enterprises



From: Mr Munson <[REDACTED]>
Sent: Monday, October 4, 2021 2:09 AM
To: SpaceXBocaChica
Subject: Civilian Comments

Hello,

I am writing to express my excitement and expectation of great things for the USA and for humanity from this program being developed at Boca Chica by SpaceX.

Though I do believe that there may be minimal impact to the surrounding area, I do think it worth any sort of risk as the benefit will far outweigh any environmental impact or human impact in the short term.

I do hope that the government does not lump what SpaceX is doing with what Blue Origin or Virgin Galactic is trying to do. The vision and purpose could not be any different. Do not let the misunderstanding of the general public push you to make certain decisions.

I also fear that the FAA and any environmental agency holding up this project will be very detrimental to the momentum created by SpaceX in the space industry in general. For those who are doing this review please spare no effort in the speed and diligence required, but please do not delay.

Lastly, to the FAA and government agencies and any third parties included, could someone please make all of these reviews and studies move a lot more quickly. I fear you are going to kill the momentum by a thousand tiny cuts, and what we need right now is something to root for, and space and all the imagination and jobs that go along with it could be that thing.

--

A US Citizen and Space Enthusiast,
- Michael Munson -

From: Brett White <[REDACTED]>
Sent: Saturday, October 2, 2021 5:47 AM
To: SpaceXBocaChica
Subject: comment for faa regarding noise levels at launch

Dear Sir or Madam,

Noise Level Issue of starship launch:

the noise levels at launch of starship vehicle: some prediction should be made of noise levels and effects on local wildlife.

Some effects to consider:

the levels will be such that some local wildlife will be at risk of permanent ear damage, birds/coyotes etc, secondly the vibrations of the launch will also have effects, local turtle eggs may be at risk.

Note also sand crabs burrows and other burrowing animals burrows may collapse.

I think the noise levels should be modelled and no wildlife should be made at risk.

Consider one raptor engine then consider 32 all firing at one time, noise will be absolutley horrendous, perhaps one of the loudest

noises created by humans excepting the atomic bombs.

Explosion at launch:

The very real possibility of explosion at launch should be considered seriously and its implications to local wildlife.

Should a rocket of this size even be allowed in a Wildlife Reserve?

Yours Sincerely

Brett White

Bachelor Science and Diploma in Education

Retired Science/Maths Teacher

From: Michelle Piette ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Monday, October 4, 2021 6:01 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

As a resident of the Rio Grande Valley in Southern Texas, I have been very concerned about the impact on the environment near the Space X launch site at Boca Chica. During the March 30th launch of their SN11 prototype, during terrible conditions, the rocket blew up and debris was found in environmental sensitive areas of the Laguna Madre. This is totally unacceptable! Clearly, more complete analysis of environmental impact and safety of nearby communities, must be completed before Space X launches it's Starship/SuperHeavy r rocket. Thank You.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Michelle Piette
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Larry Maslin <[REDACTED]>
Sent: Monday, October 4, 2021 3:20 PM
To: SpaceXBocaChica
Subject: Comment of support and add me to your mailing list

To whom it may concern,

Without advocating for unrestricted, unregulated SpaceX operations in Boca Chica, and barring any truly material detrimental finding(s), I respectfully urge the FAA to expeditiously permit the base to continue its program with the least amount of governmental interference possible. A US company that is first to market in the commercial space industry may prove to be a generational-scale economic driver for the United States.

Keep up the good work and thank you for your consideration,
Larry Maslin

From: David Prowse <[REDACTED]>
Sent: Saturday, October 2, 2021 7:29 AM
To: SpaceXBocaChica
Subject: Comments RE Draft PEA

I think that it is a very positive thing that SpaceX with their own initiative has been in working relationships with the EPA and the locals of Boca Chica. I believe the efforts of Mr. Musk and SpaceX benefit not only the citizens of Texas, Florida and California, the many sub-contractors nationally and internationally but the greatest benefit might be for humanity if SpaceX's vision is allowed to come to fruition. I think the most impressive feature of America and Americans is the ability to overcome obstacles and I do not expect that to end now if the FAA allows SpaceX to continue on its present trajectory.
Thank you for this opportunity for the public to voice our opinions.

Yours,

David J. Prowse

From: Brian Addison <[REDACTED]>
Sent: Monday, October 4, 2021 6:47 PM
To: SpaceXBocaChica
Subject: Environmental Assessment

If not SpaceX then who? 35 years of stagnant, no progress, too expensive, government waste. I wouldn't want anything to slow the progress of this company down. Yes I'd kill some turtles, birds and live with some pollution. Focus on the Big Picture. This has the potential to be the biggest change in human evolution in millions of years.

I don't know how much of this is read, or just tallied in a yaa/naa list. But I hope the FAA gets this right. Too much is riding on this to let a few extremist slow it down. It would be an even bigger shame if SpaceX uproots and moves to another country. Mexico is 10 minutes away and they would love to see some money pumped into the banking system.

My vote is Yes

Let them launch now, tomorrow, next week as much as possible. Don't slow this ship down!

From: Jeremy Williamson <[REDACTED]>
Sent: Monday, October 4, 2021 11:25 AM
To: SpaceXBocaChica
Subject: Environmental assessment

I do not feel those creatures are in any danger. The wetlands of Florida have survived 70 years of launches and rapid unscheduled disassembly. The real worry is slowing spacex progress. Didn't we just have a giant asteroid pass real close that couldn't be detected until it was too late? It wasn't civilization ending but it was big af.

Thank you SpaceX, and Elon Musk for all that you've done and continue to do Sent from my iPhone

From: [REDACTED]
Sent: Monday, October 4, 2021 1:22 AM
To: SpaceXBocaChica
Subject: Expression of support for SpaceX Starship program

Dear Sir or Madam,

I am writing to you to express support for the SpaceX Starship program. My understanding is that the FAA has extended the period for comments on the Programmatic Environmental Assessment to November 1st and in doing so is delaying development of Starship. The goal of SpaceX to take us to other worlds starting with Mars is critical to the progression of mankind. I am totally bought into the need for our species to move beyond this planet. Please take this note as my vote to expedite approval of Starship testing and the granting of all necessary permits to extend the Starbase facility at Boca Chica Texas.

Yours Sincerely,
Phil

Phil Shatz

[REDACTED]

From: George Park <[REDACTED]>
Sent: Monday, October 4, 2021 9:10 AM
To: SpaceXBocaChica
Subject: FAA comments

SpaceX and their team is doing a great thing for humanity and one could only imagine the historic things to come of their work in Boca Chica. The launch site is in a way better place than the one Nasa built in Cape Canaveral, Florida. Alot more to disturb in Cape Canaveral. And alot more population of wildlife and humans. I hope the FAA approves all the launches and more. It would again be a great thing for humanity. Plus all the resources dumped into nearby towns like Brownsville, Texas. And all the jobs created that have kept those nearby towns and families going throughout this covid19 pandemic. Keep it up SpaceX and team.

[Sent from Yahoo Mail on Android](#)

From: [REDACTED]
Sent: Monday, October 4, 2021 11:45 AM
To: SpaceXBocaChica
Subject: FAA Comments.....

Good Morning.....

I just have to say something.....

All drugs have side effects. The BENEFITS of the COVID Vaccine far outweigh the negative side effects of the drug so we were encouraged to obtain it. We are not listening to those around us who complain.

The BENEFITS of growing food for us to eat far outweighed removing the water for farmers in California because of some little fish in the irrigation ditch. Nevertheless, we listened to the complainers and forced the farmers to deal with the negatives. Let us don't do that again.

We're dealing with the same thing now with SpaceX. We have a guy who is exceptionally smart, has the initiative, the personal drive and approach to do it, has the money and is not afraid to use it. The results will benefit humanity and our country especially as well as its people. He is trying to build a STARSHIP which will take us to the Moon and maybe to other planets. This is so advanced that it is a world event.

I might mention here, that this guy (Elon Musk) advised everyone what the future around Boca Chico would be like and for those owning property in the area, he offered to buy it for three (3) times its value to enable them to improve their own lives as they saw fit.

The process of building that STARSHIP requires that it be tested to destruction. Initially, we get that destruction which provides the information needed for improvements and later safety. Yet, we listen to a bunch of environmentalists who are afraid it will scare the birds (who can fly away) or drop a piece of trash in the wetlands which can be picked up. A flight, successful or not usually only takes a few minutes anyway. It's obvious that those environmentalists have a very low IQ which does not permit them to think broadly. The BENEFITS of SpaceX far outweigh the negatives which are only temporary. There are always some who automatically take the negative view. This requires some strong management and support to get the job done.

Remember, Management gets the job done using people like a pair of pliers, Leadership enables them to enjoy it.

Let us get on with the work..... Regards

Sent from [Mail](#) for Windows

From: B R Whisenant <[REDACTED]>
Sent: Monday, October 4, 2021 8:45 AM
To: SpaceXBocaChica
Subject: FAA Licensing for Space X operations at Starbase, Boca Chica Beach, Cameron County, Texas

Dear Secretary Zee;

We wish to confirm our recommendation to approve the license application for SpaceX to conduct operations from its Starbase location at Boca Chica Beach, Cameron County, Texas.

The operations which we have witnessed are conducted in a safe and responsible manner, with precautions taken for concern with the environment, and welfare of surrounding property.

SpaceX should have the approval of the FAA to conduct operations from Starbase both now and in the future.

It is a welcome venture for south Texas, and one which the citizenry can be proud to have as a stakeholder in south Texas.

We wholeheartedly recommend the FAA approve the license application currently seeking approval, Sincerely,
Bert Whisenant

Bert Whisenant Insurance

[REDACTED]

Email: [REDACTED]

Sent from [Mail](#) for Windows

From: Kerry Toomey <[REDACTED]>
Sent: Monday, October 4, 2021 6:10 AM
To: SpaceXBocaChica
Subject: FAA Office of Commercial Space Transportation

To: The FAA Office of Commercial Space Transportation,

We as a Nation, and for the future of all humanity, must allow SpaceX to continue with their mission at Starbase, Boca Chica, TX. It is our destiny to become a space fairing civilization. SpaceX and Elon Musk our National Treasures and must be protected at all costs. At this moment in time, both should be viewed as Endangered Species!

Kerry

Toomey Alachua, Florida

From: SpaceX SFS <[REDACTED]>
Sent: Monday, October 4, 2021 8:50 PM
To: SpaceXBocaChica
Subject: FAA Public Comment

Dear FAA,

What SpaceX is currently doing at Starbase, Texas is only the tip of the iceberg compared to what is to come. Making life multi-planetary is the only way humanity as a species will thrive for hundreds of thousands of years more than if we were to stay on Earth. When a baby is born they are nurtured by their mothers and stay around them until it is their time to leave and start a life for their own. In humanity's case, we are the baby, and now is our time to leave our mother Earth and start our own life beyond this beautiful planet. We cannot risk waiting any longer to venture and live among the stars because a mass extinction event could wipe out every single human on earth. If we were to be on multiple planetary bodies then the odds of humanity going extinct is 1 in a trillion or maybe even more. Sure, people might be mad about the potential environmental impact that launching Starships may have, but if we think about it logically, there are only going to be 5 orbital launches a year (for now), and when you compare that to every single plane that flies in a year, the pollution from the Starship isn't even close. There will always be doubters and haters, but we are on the brink of something extraordinary, and the only people who can either stop it or let it happen is you, the FAA. This is a red pill blue pill situation. Red being stop SpaceX's progress and we stay on Earth to die much earlier, or blue pill being allow SpaceX to accelerate our species to a future where we can thrive for millions of years. The choice is yours.

Thank you.

From: Bruce Maurer <[REDACTED]>
Sent: Monday, October 4, 2021 9:44 AM
To: SpaceXBocaChica
Subject: FAA review

Gentlemen the worries about environmental impact can be alleviated by having Space x set up an environmental program that has a breeding program for threatened or endangered animals in the Boca Chica area such as turtles. The animals and plants raised could be released in habitats similar to Boca Chica away from the affected area to increase the overall population and as a reserve to replace any that were damaged by starship operations. The cost of the program properly operated would be insignificant compared to the cost of the Starship operations.

The development of this rocket is extremely important for the U.S. and the FAA should make every effort to expedite it's success.

From: JACKSON ADAMS <[REDACTED]>
Sent: Monday, October 4, 2021 8:06 AM
To: SpaceXBocaChica
Subject: FAA SpaceX site review approval

Please grant SpaceX the experimental permit(s) and/or a vehicle operator license that they are requesting.

Why, because SpaceX has done more in the last 10 years than any other governmental or commercial organization to safely lower the launch cost to LEO and GEO orbits enhancing the ability of many more organizations to access those orbits with new technologies that can benefit mankind in a variety of ways that would otherwise be unaffordable.

Regards,

J.P. Adams

From: Braxton Murchison <[REDACTED]>
Sent: Monday, October 4, 2021 8:21 AM
To: SpaceXBocaChica
Subject: FAA

I would like to lend my support to SpaceX for its approval by this Board of the (FAA). I think its a value added endeavor all the way around for the community ,the U.S. and humanity.

I Graciously appreciate your consideration of my support for SpaceX

Sincerely,
Braxton Murchison

[Sent from Yahoo Mail on Android](#)

From: [REDACTED]
Sent: Monday, October 4, 2021 7:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am supportive of SpaceX's ambitions to develop and launch the Starship rocket as well as associated infrastructure. I have no significant environmental concerns, as it appears that SpaceX is doing a reasonable job at mitigating negative environmental effects. With this being said, I am grateful for the role that the FAA plays with ensuring both safety and sustainability. Go SpaceX and go FAA!

From: [REDACTED]
Sent: Sunday, October 3, 2021 11:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX should be approved for its Boca Chica testing program of the Super Heavy Vehicle. The exhaustive environmental impact statement clearly shows SpaceX is committed to a safe testing program that will advance research and access to space for the United States. Delaying their progress will only be to the detriment of the country and space programs worldwide.

From: [REDACTED]
Sent: Monday, October 4, 2021 6:46 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please continue to move this forward quickly.

From: [REDACTED]
Sent: Monday, October 4, 2021 7:36 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Pls don't get bribed by Bezos to slow down SpaceX. Pls don't get in the way of making Humans a space fairing species. This could save all species not just some turtles. Pls don't force Elon to land the rocket in Mexico and start building them there.

From: [REDACTED]
Sent: Monday, October 4, 2021 8:03 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I'm a member of the general public, and like many, I am getting extremely excited for the upcoming orbital test of the full Starship stack. This represents a massive milestone for humanity and it's ever-expanding thirst for knowledge and expansion. In the 1400s, the Old World found the Americas, this was equivalent to the Apollo missions. It took a while, but eventually colonists began making the journey to the New World. In the same way, we left the Moon for a short time, until it started to become clear the Moon has a lot of resources to offer us if we can tap them. Now, we are beginning to consider the possibility of establishing a permanent colony, and to support such an endeavor we need some good old fashioned human ingenuity. That's where Starship comes in. Never before have humans been on the cusp of having a fully and efficiently reusable orbital launch vehicle. By having such a valuable piece of technology, we are about to see the doors to space get slammed open, which will give humanity so many opportunities - asteroid and moon mining, zero-g 3d printing, orbital refuelling supported by fuel harvested from lunar water, space tourism, the list goes on. We aren't even close to anything resembling an Epstein Drive (see: The Expanse), but if that will give humanity the solar system, this will at least give us the Moon and maybe Mars. So let's light this oversized candle and change the world!

Thank you, Christian Gomez

From: [REDACTED]
Sent: Monday, October 4, 2021 8:27 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Having read through the PEA I believe valid concerns have been raised, however I also believe the Benefits of allowing SpaceX's unusual and accelerated testing regimen far out way the negative. Reasonable measures should still be taken to protect and conduct operations in a safe and minimally impacting manor but the advances SpaceX is making will help lead humanity towards brighter and greener futures that are far more sustainable than the ways we access space today, as well as in many other aspects of life possibly. They have already made great strides and I have faith they will continue to do so as long as they are left in-hindered in their rapid prototyping and testing methods. Thank you for your time and commitment to moving this project forward. Hunter Whitten

From: [REDACTED]
Sent: Monday, October 4, 2021 9:20 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support approval of Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas. This program is vital to the advancement of the human race and development of a multitude of new technologies to clean the environment.

From: [REDACTED]
Sent: Monday, October 4, 2021 9:46 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I keep up with the American efforts to be a spacefaring nation and a leader to the rest of the world and I can go on and on. SpaceX needs to launch Starship as soon as possible once it is complete and as a test program they have responsibility to keep it safe for the environment. The goal of reaching operational is important and I expect the FAA to enable SpaceX and support their efforts as it is of national strategic importance. I read most of the report, and I'm disappointed that it is taking precious time to approve and the report is not allowing enough launches to make a hasty development. Please consider allowing at least 20 launches per year.

From: [REDACTED]
Sent: Monday, October 4, 2021 9:48 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Greetings; Space X should not be hindered in any way. The efficiency of reusable rockets is a game changing technology which the world is trying to replicate now, if the government, which, as a democrat, I completely respect and value, hinders a major USA company from leading the development in this business sector it would be an inexcusable blunder which would be recorded in history as a branch hit by America's on its' fall from grace if not a foot note in the fall of all humanity if some dumb rock happens to be heading our way. In addition the world wide highspeed internet access which is spinning up brings the potential of unfettered access to information for everyone around the world. Everyone from rural Americans to 'citizens' of fascist states like Russia or North Korea could learn what is being hidden from them by their current news and information systems. This could help bring the world together and prevent war. Getting humanity to Mars and the Moon in a permanent way gives humanity a much larger chance of survival, the future is not guaranteed, we have to expand to the stars. Yes, expand to the stars before we clean up this planet because the advances in sustainability that will be driven by living in a harsh environment like Mars or the Moon will help humanity heal our planet; we have to be able to walk and chew bubble gum if we are going to survive the next great filter. Regulations have a place and time, early on in the growth phase of a new technology is not the time to build obstructions to innovation and scaling. Space X is a responsible company who will take guidance well, lead them down the right path, do not obstruct their way, their way is our future. Best Regards; Nick Beardsley

From: [REDACTED]
Sent: Monday, October 4, 2021 7:04 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, I want to thank you for your thorough assessment. I also want to thank the agency for its decision to issue "... experimental permits and/or a vehicle operator license to SpaceX ..." based on the minimal impact of SpaceX Boca Chica operations to all environment study areas. I would like to add my voice in support of this decision and to advocate for issuing the maximum number of experimental permits and a vehicle operator license for the following additional reasons: 1. The future of humanity SpaceX and its founder has stated on numerous occasions the goal of the company to work towards making humankind a multi-planetary species. As nebulous and as far in the future this goal is, SpaceX is the only company that is making deliberate steps to achieving it. We already see that SpaceX showing the path spurs activity in the established "space oriented" companies and triggers the creation of new companies with new ideas that help humankind on the multi-planetary path. As much as one hopes that there will be others to follow in his path, Elon Musk remains, I would say, the only one in the present times that combines vision, brilliant engineering and entrepreneurship to be able to quickly move towards this goal. We should be helping him in any way possible. 2. The future of planet Earth Elon Musk has shown his intention with the companies he founded to solve some of the biggest problems humanity faces on Earth. With Tesla/SolarCity, he showed that an EV is not only viable alternative, but a good business proposition. He open sourced his patents to spur competition and accelerate the transition to cleaner mode of transportation. With the Boring company and the Hyperloop proposition, Mr. Musk is leading the way to establish high speed transportation that solves urban congestion, the speed of transporting people and goods and land use. With Starlink, Mr. Musk is already disrupting well established (and dormant) satellite internet industry. Starlink is again the leader in the technology ahead of established and aspiring competitors. By working to achieve its main goal SpaceX will bring several benefits to Earth: - If SpaceX is to bring people to Mars and return them, it has to solve the problem of producing methane and oxygen on Mars from solar energy, carbon dioxide and water. These are abundant resources here on Earth and once the technology is mastered, the Starship/Super Heavy operation will become sustainable with close to 0 carbon footprint. This is one of the main benefits in my view. - Lowering the cost of the access to space will spur new economic activity on a scale as limited as space itself is. - A fully reusable and carbon neutral Starship/Super Heavy having payload capacity of up to 100 (later 150) tones will enable extremely fast transportation of people (raw calculations makes it up to 500) and goods between any two points on Earth withing 30 minutes. - Making Starship/Super Heavy fully reusable will not contribute space junk around Earth. 3. Leadership and technological edge of the USA SpaceX already returned the launching of astronauts to US, showing unmatched capability that surpasses even the well established "space" companies. SpaceX was second in number of launches behind China in 2020 but brought more than twice as much payload (in mass) and more than 50% of the entire world. So far in 2021, SpaceX exceeded its 2020 payload mass brought to orbit by 20 tones to a total of 260 tones. By enabling SpaceX to design, test, operate and refine its Starship/Super Heavy vehicle, FAA will help USA remain the leader in space technology and activities. 4. Technological advancement that could translate to other sectors of the economy We already see how the space launch capability of SpaceX enables other industries like satellite internet and broadcast/communications. We also see their research in material science related to Starship/Super Heavy development spills into the auto industry – their steel alloy is used in the production of Tesla's Cybertruck. Here are some other future technological advancements: - Production of methane and oxygen from solar power, carbon dioxide and water will boost the renewable energy industry by providing a way to store energy. -

Lowering the cost of access to space will make it economically viable to launch solar farms on GEO that can beam using microwaves the harvested energy to the ground. China already has plans to experiment with the technology. Caltech and USAF plan to launch experimental satellites in 2023 and 2024 respectively. - Starship heat shield tiles and the way they are attached may find uses in the metallurgy and the energy industry (fusion reactors) Sincerely Plamen Gurov [REDACTED]

From: [REDACTED]
Sent: Sunday, October 3, 2021 11:07 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Allow spacex for the test

From: [REDACTED]
Sent: Monday, October 4, 2021 9:59 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Greetings. Population, property and environmental protection are all very important and must not be neglected or disregarded by anyone. SpaceX is on the cusp of revolutionizing the space industry and many other peripheral (and I think extremely useful technologies) with their work in Boca Chica. Allow the work to continue but keep them "honest" with consistent and comprehensive oversight. It's in the best interest of the country, the economies of Texas and Boca Chica and of course the company itself, which employs a great amount of people.

From: [REDACTED]
Sent: Monday, October 4, 2021 10:59 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully and wholeheartedly support approving SpaceX to continue testing and launching its starship vehicle. This is critical for America's space program and to allow low cost access to space. Environmental mitigation can be put into place if necessary, but impeding SpaceX's progress would be detrimental to SpaceX and America. Please give the necessary approval quickly. Scott Pennington Retired IBM Engineer and High School Physics and Astronomy Teacher

From: [REDACTED]
Sent: Monday, October 4, 2021 11:46 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear Ms. Stacey Zee, I would urge the FAA to approve the rapid launch schedule for SpaceX operations at their Boca Chica facility. SpaceX is currently the only viable launch company for reusable low cost to LEO operations available to the US government and private companies in the space industry. It's my feeling that the minimal environmental impacts of SpaceX operations in Boca Chica are far outweighed by the benefits to the US and the space flight community in general that SpaceX Starship operations will provide. I would urge the FAA to do everything within it's regulatory scope to support SpaceX operations as they develop and implement Starship operations in support of NASA ambitious goals to reach the moon and potential Mars exploration goals. Thanks for your attention to this matter. Edward Miller

From: [REDACTED]
Sent: Monday, October 4, 2021 11:48 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I strongly support the SpaceX to continue to build and hopefully launch the Super Heavy and Starship I South Texas. This is needed for the local community and to help America's goals in space. This is very important that work continues without delay. Thanks, Rolf Jacobson [REDACTED] [REDACTED]

From: [REDACTED]
Sent: Monday, October 4, 2021 6:24 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello FAA (And SpaceX indirectly!) I suppose one more voice , saying that politics shouldn't have anything to do in Accounting won't help much. So what about the future?? What will the future say if SpaceX is stifled in its efforts to get us into space? What would the future say about SpaceX working with NASA, being able to send supply missions to the International Space Station, an important word her being "International" where the advances of an AMERICAN company (and I'm Canadian btw) has allowed to NASA to send so many people, supplies, science experiments, and more at a FRACTION of the price it cost just a decade ago. It's an American Company!! It develops American Know how!! It fosters American inspiration in youth and hope! And This give hope to the World... WE CAN DO IT!! Even more direct, what would your grand-children think of the missed opportunity, or even DELAYED opportunity, to get humans to the stars?? I might not get off this planet, but I sure as hell hope that my grandchildren will have the chance of seeing our planet from "Out there!!" and work there!! Good luck in getting out of politics, and maybe taking more courses in accounting would help! Sincerely hopefully yours, Jaime Sastre

From: [REDACTED]
Sent: Monday, October 4, 2021 4:06 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am fully in favor of the FAA approving the SpaceX program. I've been following the US space program since 1961 and this is where the USA and mankind need to go as soon as possible

From: [REDACTED]
Sent: Monday, October 4, 2021 12:22 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX and it's "Star Base" is a very important part of what will be human History. FAA must keep up with the future of man's ambitions. The world waits for no one or originations. There is a job that must be done. Why has all this not been done a year ago. The FAA SHOULD BE MORE Proactive to the world of today. Obsolete programs have a slow death. Maybe there should be a FSA as well as the faa. Anyways , as long as SpaceX shows it is a safe development company they should be granted full steam ahead status. Yes there are some risks. But future is not set anyways.

From: [REDACTED]
Sent: Monday, October 4, 2021 12:45 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please support SpaceX! if they can't operate in the US, they will go elsewhere.

From: [REDACTED]
Sent: Monday, October 4, 2021 6:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The Starship program has the potential to exponentially change how we bring payloads into orbit. It also is the most significant advancement in space flight history. The original permits to build this starbase were in anticipation of significant achievement, now it is time to allow it to reach its potential. It is clear from the amount of infrastructure SpaceX has placed around the launch sight, they feel the risk of an explosion at the launch pad itself is unlikely. Something going wrong in flight will have much less impact and can be managed. I believe the benefit outweighs the risk, and yes, reasonable precautions should be put in place around the launch facility.

From: [REDACTED]
Sent: Monday, October 4, 2021 1:14 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

We are 100% on board with spacex and their goals. we believe it is a need for innovation that SpaceX continue on their path as planned.

From: [REDACTED]
Sent: Monday, October 4, 2021 5:44 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

let them fly!

From: [REDACTED]
Sent: Monday, October 4, 2021 5:34 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

In support of spacex and starship tests

From: [REDACTED]
Sent: Monday, October 4, 2021 5:59 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

After a 32 year career in law enforcement, I can't help but wonder if the FAA is colluding with Blue Origin to stop SpaceX. If so, it will come out eventually and the FAA will be writing one huge check to Elon Musk! Everyone loves progress until it directly effects them. Hopefully the FAA isn't killing the chance for mankind to survive! Five launches a year is a joke! I still appreciate what you you guys do but this smells of politics and money.

From: [REDACTED]
Sent: Monday, October 4, 2021 3:05 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As an avid environmentalist, I have put a great deal of thought into the launch of the SpaceX starship. I would strongly encourage the FAA to approve the launches requested by SpaceX. A system of this scale that can change the entire space launch industry is far too valuable to be delayed any longer. The benefits that this system can offer to the human race are so vast. Additionally, the results found in the FAA report supported the fact that launches will have minimal impact. I submit to you a request to give SpaceX the greenlight and to be on the winning team, helping usher in the greatest era of space travel we've ever seen. Yours truly, Daniel Johnson, PE

From: [REDACTED]
Sent: Monday, October 4, 2021 6:20 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

wish you the best of luck Elon!

From: [REDACTED]
Sent: Monday, October 4, 2021 2:05 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello my name is Ciarán. I live in Ireland county Meath. My family all watch these launches live no matter how late it is here for us at night. I think what SpaceX and there incredible team of diverse men and women are doing is amazing. My family all watch with excitement and hope for the dream of making humans a multi planetary species and unlocking the answers to our problems on earth by overcoming the challenges involved in getting past LEO and landing men and Women on the moon and mars. The technology will help here on Earth. I also am proud to see a company with so many Women in high positions as well as a company so transparent with the public about there development process. Its inspiring people across the world. Even in Ireland there are people cheering SpaceX on for there work.

From: john 5623 <[REDACTED]>
Sent: Friday, October 1, 2021 2:11 PM
To: SpaceXBocaChica
Subject: Go go SpaceX!

I would really like to see SpaceX regularly launch Starships. That's a future that will be both exciting and inspirational for everyone!

Best Regards,
John

From: Peter van der Vlist <[REDACTED]>
Sent: Saturday, October 2, 2021 11:44 AM
To: SpaceXBocaChica
Subject: Go SpaceX!

Go America and go SpaceX with these wonderful innovations!

Peter van der Vlist
The Netherlands

From: Daryl Rathman <[REDACTED]>
Sent: Monday, October 4, 2021 7:14 AM
To: SpaceXBocaChica
Subject: Government Delay of SpaceX Starship launch

Re: Draft Programmatic Environmental Assessment Public Review and Comment

Please pass this on to the FAA

Each day the Federal Government delays the activity of any SpaceX launch, it provides China the opportunity to advance it's technology and competitiveness against the United States of America.

This may please the Biden Administration and Jeff Bezos, but it stifles and devalues the innovation and space superiority that SpaceX has gained over NASA and the rest of the space flight manufacturers.

[REDACTED]

[REDACTED]



Virus-free. www.avast.com

From: Boysie Kevill <[REDACTED]>
Sent: Monday, October 4, 2021 1:38 AM
To: SpaceXBocaChica
Subject: Hello

My name is Boysie, over here in NZ nice to meet you

I have a question

So Earths atmosphere is dense, dense enough to burn up things that fall into our atmosphere and thus neutralising the treat that that debris posed. Mars has little to no atmosphere therefore any debris falling to Mars could and would cause damage and harm. This is all in relation to building a base on Mars. How would you avoid this problem?

As ive heard Elon say, thermonuclear the poles but if that option is off the table then what?!

Thank you Tesla, you are the best

From: Barrett Kaufman <[REDACTED]>
Sent: Saturday, October 2, 2021 9:37 AM
To: SpaceXBocaChica
Subject: Huge support for SpaceX

Hi - Just wanted to send a quick message in support of SpaceX and their Starship program. There is a unique vision and mission that brings us together beyond political, ethnic, or economic lines in pursuit of exploration and discovery.

This is a program worth supporting and I hope to see its success.

Thank you,
Barrett Kaufman

From: Matthew Schimnowski <[REDACTED]>
Sent: Saturday, October 2, 2021 12:26 PM
To: SpaceXBocaChica
Subject: Humanities Future Is Now

From upincanada.us we support SpaceX, humanities future. This can not be left to regulationting unfounded delays because of or by the authority of other humanin beings this is a democracy is this not. I would rather go through the covid-flue then to go through any further delays into humanities future into space into the universe into the beyond.

With respect, with dignity, with companionship, with the human species.

Mr. D.R. M. Schimnowski
The Soultimacy Management Team
M/S G/S S/S Lgl.

Sent from [Mail](#) for Windows

From: Nate Hamilton <[REDACTED]>
Sent: Monday, October 4, 2021 10:02 AM
To: SpaceXBocaChica
Subject: I want to register my support of SpaceX Boca Chica

I want to register my support of SpaceX Boca Chica as a spaceport and launch/recovery facility for orbital, lunar, and Martian flights from USA soil.

Nate Hamilton
[REDACTED]
[REDACTED]
[REDACTED]

From: Batts, Shauna
Sent: Monday, October 4, 2021 11:46 AM
To: SpaceXBocaChica
Subject: mail
Attachments: spacex.pdf

Hello

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See attached-

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]

JACKSONVILLE FL 320

3 OCT 2023 PM 2



Ms. Stacey Zee
SpaceX PEA, % ICF
9300 Lee Highway
Fairfax, VA 22031

Scan

22031-505099

10/03/2023 10:03 PM

Ms. Stacey Zen,

In response to the FAA's request for public comment regarding SpaceX's environmental review of their proposed Starship/Super Heavy Program in Boca Chica, TX, I submit my thoughts

As a species, we humans have rarely stagnated in our explorations of the world around us and, more recently, our Solar System. What's more is we have risked our careers, fortunes, and even our lives throughout history for the pursuit of a better understanding of the Cosmos and beyond. I respectfully request that the FAA not cast those sacrifices in vain, but support SpaceX in their endeavors which will ultimately lead to a better understanding of the Universe in which we live.

We have come so far since believing in a geocentric model of the Universe, yet we have so much more to learn and understand! We can do that with time and resources. I believe SpaceX's underlying mission is to extend the light of consciousness. Existential threats have plagued our existence since before we knew of their existences. We should push to thwart their potential by spreading humanity to other locations in our Solar System and potentially beyond. We might not be able to snuff out all existing threats, however, we can ensure the survival of humanity and other Earthly lifeforms by giving us another place to live in the event that Earth becomes uninhabitable for some amount of time.

Therefore, in the spirit of continuing to endeavor towards the stars, I believe we should not hinder or halt SpaceX's Starship/Super Heavy program, but that we should encourage SpaceX to continue pushing towards their goal of colonizing Mars – of extending the light of consciousness.

Our curiosity of the Universe we inhabit has never been as close to being satisfied as it is right now. This window of opportunity to spread life amongst the stars may not be open for long. Let's see just how far our understanding can go. Ad Astra! 🚀

Sincerely,
Dani Morgan

[REDACTED]

From: Batts, Shauna
Sent: Monday, October 4, 2021 11:48 AM
To: SpaceXBocaChica
Subject: mail
Attachments: spacex.pdf

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]



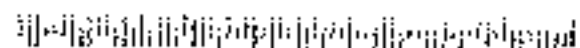
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Ms. Stacey Zee
SpaceX PEA, c/o ICF
9300 Lee Highway
Fairfax, VA 22031



22031-605199



September 25th, 2021

To whom it may concern,

I am writing in regards to the SpaceX-requested permit for operation of the Starship/Super Heavy vehicle from their facility in Boca Chica, Texas. Considering the sensitivity of the region and the Starship program's record of spectacular failure, I must strongly oppose further operation and development of the vehicle in this location.

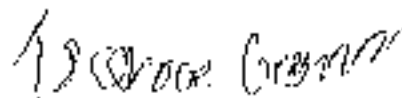
The SpaceX Boca Chica facility is surrounded by the Laguna Atascosa National Wildlife Refuge, Las Palomas Wildlife Management Area and Boca Chica State Park. These areas are home or nesting grounds for multiple endangered and critically endangered species, including the Kemp's ridley sea turtle(the least populous sea turtle[1]) and the ocelot(of which fewer than 80 survive in the US[2]), amongst many others.

These species are endangered by the Starship/Super Heavy program, as demonstrated by its record of creating wildfires in this sensitive area[3] as well as test units consistently detonating, either via crash landings or fuel containment failure, including a mid-air failure resulting in debris being spread throughout this protected territory[4]. The concerns the struggle of this program to produce a test flight that does not end in detonation create are magnified by the fact that these disasters were created with only the Starship stage partially filled; the failure of a fully-fueled Starship/Super Heavy stack would result in irreversible damage as any of the methane fuel not consumed in the initial detonation would be sprayed into the surrounding area, either poisoning it or starting a wildfire.

Furthermore, even if we were to disregard the program's failures, SpaceX does not offer a compelling reason for an experimental rocket of any kind to be developed in this location and not in an alternate facility; its inability or unwillingness to secure necessary access to other facilities alone is not a compelling argument, as the creation of a facility for the Starship/Super Heavy in a less environmentally-sensitive region remains a possibility.

For these reasons, I am formally objecting to the granting of the requested permit.

Sincerely,



Trevor Crow

[1] Wibbels, T. & Bevan, E. 2019. *Lepidochelys kempii* (errata version published in 2019). The IUCN Red List of Threatened Species 2019: e.T11533A155057916. <https://dx.doi.org/10.2305/IUCN.UK.2019-2.RLTS.T11533A155057916.en>. Accessed on 25 September 2021.

[2] Lombardi, J.V., Tewes, M.E., Perotto-Baldivieso, H.L. et al. Spatial structure of woody cover affects habitat use patterns of ocelots in Texas. *Mamm Res* 65, 555-563 (2020). <https://doi.org/10.1007/s13364-020-00501-2>. Accessed on 25 September 2021.

[3] "SpaceX's Launch of an Experimental Rocket Ship Set Fire to about 100 Acres of Wildlife Refuge in South Texas." *Business Insider*, www.businessinsider.in/spacexs-launch-of-an-experimental-rocket-ship-set-fire-to-about-100-acres-of-wildlife-refuge-in-south-texas/articleshow/70404114.cms. Accessed on 25 September 2021.

[4] Welmer, Richard, "'It Just Shouldn't Be Going on Here'; Brownsville Activists Say Elon Musk's SpaceX Spaceport Damaging Wildlife Habitat." *San Antonio Express-News*, 13 July 2021, www.expressnews.com/sa-inc/article/Elon-Musk-SpaceX-damaging-wildlife-habitat-16314467.php. Accessed on 25 September 2021

From: Batts, Shauna
Sent: Monday, October 4, 2021 12:03 PM
To: SpaceXBocaChica
Subject: mail
Attachments: spacex.pdf

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

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Abstract

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To whom it may concern,

After reading the Draft PEA supplied by the FAA, I would like to express my wholehearted and unequivocal support for the SpaceX Starship Super Heavy Project.

I believe that SpaceX are fully instrumental in supporting American talent and technologies, and it would be absolutely astonishing for a private company, that truly expresses the American Dream, to be responsible for expanding humanity's embrace around the stars. SpaceX has demonstrated what it means to be proudly American, and their work with NASA, particularly CC~~P~~ and HLS just further emphasizes this.

The cadence with which SpaceX has constructed their Boca Chica launch site so far clearly demonstrates their desire and intent to eventually launch, and nothing can slow them down bar weather. This is one of those amazing and heartwarming instances, in my opinion, where a company genuinely wants to, at speed, deliver on what they said they will deliver, and the future is genuinely exciting with a company such as this.

I originally, before the release of the Draft PEA, was slightly concerned about potential sound levels for the surroundings, but projections given in Appendix B have successfully and fully allayed these concerns. The PEA is a prime example of proper, and thorough research, and the FAA has once again shown why they are vital to clean operation of America's space industry.

Making humans multiplanetary has the potential to deliver amazing consequences for Earth, and there is a real opportunity here to actually make good from these promises, and potentially construct an amazing life for generations to come.

Kind Regards,
I. Volkov

From: Batts, Shauna
Sent: Monday, October 4, 2021 12:10 PM
To: SpaceXBocaChica
Subject: mail
Attachments: spacex.pdf

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]



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29 SEP 2021 PM 8 L



Ms. Stacey Zee
SpaceX PEA c/o ICF
9300 Lee Highway
Fairfax, VA 22031

Scan

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Intelligent Mail barcode

To the Federal Aviation Administration and SpaceX,

We as a family fully believe in Nature Conservation, Science, Human evolution and the Constitution of the United States of America, and we fully support SpaceX and their missions. Our support is with knowledge of the full circumstances surrounding SpaceX and their Starbase in Boca Chica Texas and care for the surrounding environment. Though we are residents of the Great State of Michigan, where human achievement has long been our strength, this only furthers our support.

Here in Michigan, the toll on nature from industrialism damaged much of our natural habitats over past decades. The Ford Motor Company of Detroit has been a big factor in this as well as Great Lakes Steel, US steel, General Motors, and many more. Throughout the years our state has come around to regulate those companies and together they have fixed the issues that have caused harm to the environment of Michigan.

Now we have large nature preserves along the Detroit river, many metroparks that protect the many species of animals and reptiles. The aforementioned companies have invested in these projects and changed some of the manufacturing processes that caused the harm.

When I was a little boy in elementary school I was not allowed to go outside during recess due to the pollution produced by the Ford Assembly plant in Flat Rock, MI. Most days when the Ford plant painted their vehicles and released toxic fumes that floated to my school it caused harm to my lungs since I had Asthma. This lasted for 2 years of my elementary school days. It was not fun sitting out of recess watching other kids play. However, Ford invested millions of dollars on state of the art air filtration systems and paint fume scrubbers. That allowed kids like me to live a normal childhood and especially for those that followed after me.

Fast forwarding to the present, we are faced with this reality in all aspects of our lives, to protect our planet and all species that live on it. SpaceX has the best advantage to accomplish this task both through technical advancements and environmental protection.

I fully believe that SpaceX and the advanced Starship and Super Heavy Rocket are not only mankind's best choice for human preservation, but for preservation of all species on our planet. Starship will be our first path to the next "Noah's Ark" that can save all species, not just Mankind.

Our family fully supports and believes that Elon Musk and SpaceX, with its brilliant engineers, will always have everyone's best interest at hand. We, as all of humanity, should not stop this phase of human progress for the sake of species of animals that are not native

to Texas. We cannot allow their demise of course and we believe SpaceX can and will mitigate these issues in Boca Chica in the most appropriate way possible. They have the technological knowledge, personnel, and a great leader (Elon Musk) to make the environmental concerns a top priority in their Starbase advancements. Our Nation has the greatest environmental and nature preservation agencies on this planet. Think of the impact that the TEAM of SpaceX and our environmental agencies would have *working together for human advancement...*

In summary, when humans are able to explore the solar system and survive, those endangered species also gain the ability to survive along with us. SpaceX's *Inspiration4* mission is just more proof SpaceX can help. 210 million dollars was donated to St.Jude and that is just the beginning of what SpaceX can and will do to benefit society. But to do this we must support and allow SpaceX to continue with their goals and breakthroughs they constantly achieve, for the benefit of all of Mankind. My entire family will be watching *Ship 20's* upcoming launch with *Booster 4* knowing full well it will succeed and history will be witnessed by all of us.

Thank You SpaceX and Elon Musk for showing us ALL that...

'the sky is no longer the limit and, we must push on, yes keep pushing on'

Yours Truly with Kind Regards,

- Jonathan Wesserling

- Benjamin Wesserling
- Logan Wesserling
- Ruger

Jonathan Wesserling

And Family...

- Frederick Wesserling

- Sandra Wesserling

- James Wesserling
- Daniel Wesserling
- Kristy Wesserling
- Nicole Wesserling

Frederick Wesserling

From: Batts, Shauna
Sent: Monday, October 4, 2021 11:44 AM
To: SpaceXBocaChica
Subject: mail
Attachments: spacex.pdf

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]

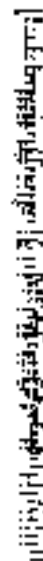
SAN JOSE, CA 950

1 OCT 2021 PM 3 L



MS. STACEY ZEE
SPACEX PEA, C/O ICF
9300 LEE HIGHWAY
FAIRFAX VA 22031

Scal



95032-0001

17 September 2021

Ms. Stacy Zee
SpaceX PEA, c/o ICF
9300 Lee Highway
Fairfax, VA 22031
USA
Earth

I fully support the SpaceX Starship Superheavy project at the Boca Chica Launch Site, and their commitment to increasing economic activities in the area while also preserving ecological habitats to the greatest extent possible.

Launch Cadence

I feel that the FAA proposed cadence of 5 launches a year is too small and should be increased to at least 26 launches a year during the experimental period.

Environmental Impact

SpaceX should be expected to maintain, remediate, and be excellent stewards to Earth while making progress in making humans multi planetary. The FAA should not inhibit progress, but should expect SpaceX to resolve any environmental issues from launch related activities and tests.

Thank you. I'm excited to see Starship launch.

Best regards,

A handwritten signature in black ink, appearing to read "Alex Guichet".

Alex Guichet
San Jose, CA

From: Keith Peters <[REDACTED]>
Sent: Sunday, October 3, 2021 11:13 PM
To: SpaceXBocaChica
Subject: Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Dear Ms Zee,

First, I want to thank you and the entire team at the FAA for your hard work and dedication to fulfilling an important role in serving our country's important collective needs for safety. I'm sure you all take your responsibilities very seriously and perform your roles with upmost integrity and competency.

History is overflowing with countless examples, even today, where the lack of oversight would have disastrous consequences. That is because the motivations of too many are self serving and without moral a compass. As such, the precedent to follow well established and entrenched protocols in pursuit of public and, in this case, environmental safety would entirely expected and appropriate.

However, the world has, and continues to, change right before our eyes. As the son of a Grumman engineer, who built components and tools used in the Apollo Lunar Module here near the Johnson Space Center, I had the privilege of witnessing first hand how an event like Apollo 11 can change the world forever, and for the better. It was a rare and precious gift in the entire history of humanity. Because I have have this perspective, I can say, unequivocally, that what SpaceX is attempting to achieve today in Boca Chica is no less important to humanity than Neil Armstrong's miraculously achievement in 1969.

Furthermore, unlike other well known figures such as Mr's Bezos and Branson, Mr. Musk's motivations are far more altruistic and inspirational and will positively impact society and all humanity for countless generations to come. For this reason, I would fervently argue that SpaceX activities at Boca Chica should be afforded a unique and extremely wide range of latitude and accommodation for all its activities. There are extremely rare occasions when rules and protocols, established with the best intentions, need to be bent (and even broken entirely) to truly serve societies best interest. This is one of those times and everyone involved, especially the FAA and other governmental organizations, need to promote these endeavors with the upmost sense of urgency!

The world is watching, and I promise that anything less than utterly supportive and accommodating role, with an equally strong sense of urgency, on behalf of the FAA and other associated governmental organizations will ultimately not be received well by the public, or remembered favorably by history. In short, It's time to put the pencils down and stop checking boxes, and find ways to get out of the way of one of the most important endeavors in human history. There are times when even extreme compromises need to be made, and this is one of them!

Einstein said "Imagination is more important than knowledge". I suspect this will be an important thing for our wonderfully dedicated public service representatives at the FAA to remember and keep in mind as you search for ways to contribute to, and not detract from and inhibit, the inspiring progress for humanity that the SpaceX team at Star-base in Boca Chica is trying to achieve. Thank you for your consideration!

Most sincerely,

Keith Peters
[REDACTED]

From: Justin Fenton <[REDACTED]>
Sent: Monday, October 4, 2021 10:40 AM
To: SpaceXBocaChica
Subject: Public Approval

To whom it may concern,

Let me begin by saying, I support SpaceX fully!

I am a resident of Texas and have been my entire life. As someone who cares for the environment, I understand the concerns that the FAA may have. However, I feel that what we can achieve from SpaceX's innovations will be worth the risk.

I wish SpaceX the best in their endeavors and Godspeed!

From: Reghardt Möller <[REDACTED]>
Sent: Sunday, October 3, 2021 10:43 PM
To: SpaceXBocaChica
Subject: Public Comment on environmental assessment

Dear FAA committee

I am sending this email in response to the opportunity made available for the public to respond to the FAA's environmental assessment with regards to SpaceX's Starship program at Starbase

I am not a US citizen but still hope that my opinions might be taken into consideration.

I've been following SpaceX's progress with the Starship program since its early days and have developed a sincere interest in the company's goal to make space accessible to all humanity. Starship being one of the means to that end appears to be very ambitious, but yet a good start to paving the way for future generations.

Throughout history it has been clear how Space technology was utilised in our daily lives and how it could even be used to bring major changes in the environment. Most radical and effective environmental assessments are done via Space technology and this just shows me that by opening up the door to a company such as SpaceX, could just benefit not only humanity, but several (hopefully all) species calling this place home.

I am confident that with government, SpaceX and private companies overcoming challenges together could definitely lead to a brighter future for all. As long as the long term goal can be kept in mind, then minor sacrifices (such as allowed limits of noise pollution) could be a reasonable comprise. SpaceX is professional and a sustainable/environmental orientated company and have taken many factors into account. SpaceX's projects will additionally create so many direct and indirect jobs in and around the area, which could contribute to the local economy.

I am hereby kindly showing my support for SpaceX's Starship program at Starbase. I kindly request and hope that SpaceX will be granted the opportunity/license to function within reasonable limits to execute their Starship experimental phases and eventually their official program/launches.

Yours sincerely,
Reghardt Möller.

From: jack bauer <[REDACTED]>
Sent: Monday, October 4, 2021 5:43 PM
To: SpaceXBocaChica
Subject: public comment

Hello,

I favor allowing SpaceX to continue in whatever rocket launches and associated endeavors they deem appropriate. Although I like preserving our environment in most cases, I think putting environmental concerns above such a monumental space endeavor is inappropriate in this case. There need to be some locations in our country for rocket testing and launching even though these activities are inherently a threat to the environment. The situation is unavoidable.

If you think about the big picture, it's more important for humanity to be able to colonize Mars than for the ecosystem in a small area on the border of the US and Mexico to be preserved. If something goes wrong with the Earth, we will need Mars as a backup plan.

Fred Kellaway

[REDACTED]

USA

[REDACTED]

From: christopher knight <[REDACTED]>
Sent: Monday, October 4, 2021 7:39 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Environmental Assessment

I would like to state that I support SpaceX's proposal for the next 12 months. The 20 suborbital and 3 orbital flights annually is extremely conservative and is unlikely to do any significant harm to the surrounding environment. Any safety and environmental concerns raised are likely to be minor and I have great confidence that SpaceX can do what is needed to address these concerns.

Regards,
Chris

From: Oldgringo <[REDACTED]>
Sent: Monday, October 4, 2021 5:53 AM
To: SpaceXBocaChica
Subject: SpaceX launch license

Please give SpaceX a launch license as soon as possible! They took care to build in the most vacant spot of any coastal area. SpaceX chose America and Texas, let's not make them regret the decision. As to "wildlife" areas.....This planet is 3/4 the way to over population. We need to start alternate plans now in order for them to be mature in time to make a difference. If the animal leagues object, let them step up to re-locate the creatures. Public support is overwhelmingly in favor of SpaceX! Thank you

Sent with [ProtonMail](#) Secure Email.

From: Steven Edwards <[REDACTED]>
Sent: Sunday, October 3, 2021 11:37 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Launch Experimental License

Hello,

I will keep this short, but I'd like to express my concerns about SpaceX using Boca Chica as a launch site for StarShip. I am a big SpaceX supporter, am a fan of the work Elon has done with SpaceX and his other companies so this not driven by any other motivation besides environmental concerns.

The size of the StarShip and it's booster concerns me, if both are fully fueled and there is an explosion, it seems based upon the numbers that I have run, that the amount of possible destruction to the launch site and surrounding area has been vastly under estimated, which even more concerning given the proximity of Storage fuel tanks and other combustible materials on site as part of the Ground Service Equipment.

I'm not opposed to SpaceX doing development of Starship at that location and even conducting static fire testing of partially fueled vehicles, however I do not believe any sort of launch license should be granted for that location as the possibility of destruction to the surrounding environment is simply too great to justify the risk.

If SpaceX is to be issued an experimental license for the site that license SHOULD NOT allow for launches of fully fueled StarShip Booster and Starship upper stage. They have made it quite clear that in the future they intend to launch for offshore platforms, and I believe the FAA would be remiss if they did not require SpaceX to proceed down this route.

It is reasonable that fabrication and testing can take place at Boca Chica, there is nothing stopping SpaceX from doing full pressure testing with inert gases and even testing engine functionality with Static Fire testing of partially fueled vehicles, however if launches of fully fueled StarShip is allowed from this site, it will only be a question of when, not if, we see a massive ecological disaster.

Thanks
Steven

From: Ian Thompson <[REDACTED]>
Sent: Monday, October 4, 2021 11:32 AM
To: SpaceXBocaChica
Subject: SpaceX Starship program approval

To Whom it may concern,

I fully support SpaceX's mission and goals and I approve of their efforts in Boca Chica. I believe that they are conducting a safe and responsible testing and launch campaign and I support allowing them to have full licencing to test, launch, and have a permanent orbital star base in Boca Chica.

I also believe that SpaceX should be allowed to conduct more than 5 orbital launch & landings per year. They are the driving force and innovation in making the human race a multiplanetary species. We cannot depend only on Nasa for space launches in North America and I think that SpaceX is our best option. Quick prototyping is required to develop and test new technologies to allow us to reach the moon by 2024 and hopefully Mars soon. This is also very important in regards to our aging space station which will be retired in the next decade. SpaceX/Starship is the only viable option to quickly & safely launch the next Space Station with the capability to launch ~150 tons to LEO with the least amount of launches and emissions. I believe that SpaceX is taking sufficient measures to mitigate any environmental impacts and is leading the industry (Gov't and private) in reusable and environmentally safe technologies.

Thank you for your consideration on fully approving SpaceX's launch license and potentially expanding the maximum orbital launches per year.

Sincerely,
I.T.

From: Chris Teel <[REDACTED]>
Sent: Monday, October 4, 2021 5:47 PM
To: SpaceXBocaChica
Subject: SpaceX Starship/Super Heavy Program Public Comment

Ms. Stacey Zee,

I am writing in full support of SpaceX and their manufacturing and testing in Cameron County Texas. I am sharing facts that must be the priority focus of the FAA for the United States to remain the world's leader in space exploration.

1. SpaceX is the most innovative aerospace company worldwide.
2. SpaceX is the most environmentally conscious aerospace company worldwide.
3. SpaceX is the only aerospace company currently innovating the United States to the leader board worldwide.
4. SpaceX is currently the only aerospace company successfully innovating faster and more successfully than Russia, China and the ESA. The entirety of the United States must support SpaceX in every manner to continue this pace of innovation.

I have spent the entirety of 2 weekends reading the report publicly provided and appreciate the details therein. Whereas I will not purport to have an engineer's assessment of every detail in this report, I am confident I have enough understanding of the details to state I did not read anything alarming for the surrounding nature habitat. Nor did not read that any humans are in harm's way when testing occurs. In fact, I was pleased to read details of how the area is secured, for how long the security is in place prior to, during and after all testing of the rocketry.

I close by reiterating the United States must support the pace of innovation at SpaceX for the United States to remain the world leader in space exploration. When SpaceX is held back, China and Russia gain momentum that may allow them to beat the United States to space.

Chris Teel
[REDACTED]

"When you want to help people, you tell them the truth. When you want to help yourself, you tell them what they want to hear."

~Thomas Sowell

From: photog_prince <[REDACTED]>
Sent: Thursday, September 30, 2021 4:08 PM
To: SpaceXBocaChica
Subject: Starship

I grew up in the Mcallen Texas and I'm so glad Cameron County is becoming a gateway to the future! I really hope SpaceX can continue their Starship development and prototyping.

From: Camille Hill-Prewitt <[REDACTED]>
Sent: Monday, October 4, 2021 2:45 PM
To: SpaceXBocaChica
Subject: Stop the Expansion of SpaceX in Brownsville, TX

FAA Federal Aviation Administration,

To the Federal Aviation Administration -

I am deeply concerned about the SpaceX launch site expansion and its economic, cultural, & environmental impacts on the region. Since the operations began in Brownsville, TX, numerous explosions have threatened public safety, caused dangerous fires near wildlife refuges, and stripped locals' access to the pristine beach. These explosive risks will only increase because of three liquefied natural gas (LNG) terminals, with their safety hazards, plan to build within 6-miles of SpaceX. The facility is also actively gentrifying the region by displacing people from their homes at Boca Chica Village. SpaceX should not be allowed to expand and increase the size and scale of these damages.

Our elected officials and SpaceX should not be allowed to privatize or commercialize Boca Chica and further restrict access from the public. Boca Chica beach is culturally and spiritually sacred to the Rio Grande Valley people, especially to the Carrizo Comecrudo Tribe of Texas, who were never consulted about the SpaceX project.

For these reasons, the FAA should reject Elon Musk's plans to expand the SpaceX facility because of the negative impacts on the region. At the very least, the FAA needs to extend the commenting period because of the increase in COVID-19 cases in South Texas and should provide a hearing with Spanish interpreting and closed captioning for the public to ask questions about operations.

Sincerely,

Camille Hill-Prewitt

[REDACTED]
[REDACTED]
[REDACTED]

From: Mark McNutt <[REDACTED]>
Sent: Monday, October 4, 2021 8:50 AM
To: SpaceXBocaChica
Subject: Support for SpaceX Boca Chica Starbase

To whom it may concern at the FAA,

As a Texas resident, I just wanted to add a voice of support for SpaceX's program at Boca Chica beach. Not only is this effort beneficial for the future of humanity, it will also benefit the local community and economy outweighing any other concerns which can likely be mitigated or offset. Thanks for the consideration!

Sincerely,
Mark McNutt

From: Jayant Malani <[REDACTED]>
Sent: Monday, October 4, 2021 8:03 AM
To: SpaceXBocaChica
Subject: Support for spacex-starship operation from BocaChica

Hi FAA

I support the spacex-starship operation from BocaChica. The project they are working on is needed for making human species multi-planetary. The technology they are developing is next generation space technologies that are helpful in the advancement of humankind. It also provides large employment opportunities in the BocaChica region and has a positive cultural impact to the local community. With proper precautions taken to safeguard wildlife and biological impact, I fully support spacex endeavors for starship operations from BocaChica.

Regards
Jayant Malani

From: Phillip Stanford <[REDACTED]>
Sent: Friday, October 1, 2021 11:13 AM
To: SpaceXBocaChica
Subject: Support for Texas Launch Site

Fully support the vision of SpaceX at the Boca Chica location.

Appropriate accommodations should be made to minimize impact on the public, wildlife and the environment.

Thanks,

Phillip Stanford
Texas Resident

From: [REDACTED]
Sent: Tuesday, October 5, 2021 9:36 AM
To: SpaceXBocaChica
Subject: Comment on the Environmental Assessment

It would seem to me that the FAA waited a long time to get started and has been dragging it's feet regarding this assessment. SpaceX has spent billions on construction already, not to mention the test launches that have already been flown from the site – and now, suddenly, there is an Environmental Impact Assessment that is dragging along infinitely slowly, literally threatening not only SpaceX operations but the schedule for lunar landings, as SpaceX's vehicles are integral to the program. Is this another back-door attempt by Bezos and Company to derail SpaceX? Is it someone else – some aerospace company like Boeing, shaking the trees of congressmen who work with them to keep them in business and everyone's pockets lined looking to slow SpaceX down before projects like Starliner become irrelevant due to their advances? Who is the puppeteer making the FAA dance? This whole thing appears to me to be very late in the construction process and therefore somewhat fishy. I realize that such assessments are required – but other sites have them and have issues with wildlife and environmental preservation. In comparison to Canaveral, Boca Chica is a 'clean' site for propellants, as they are not playing with hypergolics or even RP1. Is this thing being done properly, or is it an effort to set SpaceX back billions of dollars in construction costs by closing down the site, literally at the last minute?

Regards,

Stephen W. Cohrs

From: DJ MacDonald <[REDACTED]>
Sent: Tuesday, October 5, 2021 3:43 AM
To: SpaceXBocaChica
Subject: Draft PLA comments

I fully support all the SpaceX operations at Boca Chica Starbase. Further, I hope you will modernize and streamline your FAA procedures so as to become a partner in the rapid development of spaceflight, and not remain a legacy impediment.

Ad Astra,

D J MacDonald

From: Matt Coady <[REDACTED]>
Sent: Monday, October 4, 2021 7:42 AM
To: SpaceXBocaChica
Subject: Environmental assessment

To whome it may concern:

My two cents regarding the draft PEA assessment include a recommendation that the FAA ACCEPT the SpaceX proposal for its future launch schedule in Boca Chica. I am a biologist and after review of the PEA document I believe the risks to the environment to be relatively low. The risk to the endangered species in the area is low. The rapid development of this revolutionary rocket program as well as humanities future in space should be a priority for the FAA.

Matt Coady
BSc.

From: Jim Dancer <[REDACTED]>
Sent: Tuesday, October 5, 2021 2:48 PM
To: SpaceXBocaChica
Subject: Environmental Review

Starship and the Super Heavy Booster program should be given the highest level of support and approvals from our public officials and supporting agencies. While once great aerospace giants move like dinosaurs in the modern world, SpaceX is moving at a pace reminiscent of the glory days of space exploration and represent a good news story at a time when we need a good news story.

Please provide speedy approval to a great US company doing great work for our country.

Sincerely,

James Dancer

From: [REDACTED]
Sent: Monday, October 4, 2021 9:21 AM
To: SpaceXBocaChica
Subject: FAA Public Comment on SpaceX

Hello FAA,

As someone who is very interested in fostering a healthy natural environment, I also balance that with what is necessary to benefit and enhance humanity. For example, we wouldn't have the incredible healthcare system in the United States if hospitals and research facilities were either not allowed to build facilities or the federal bureaucracy hindered timely building of facilities, rendering the medical community unable aid humanity.

With that said, as a citizen of the United States, I fully support SpaceX's planned development of the local lands in the Boca Chica, Texas area and airspace to fully support their goal to benefit humanity via their plans to launch spacecraft that will help expand human's presence to the Moon and Mars, as well as better, faster, more efficient point to point travel on Earth and into Earth orbit.

Thank you

Adam Kalita
[REDACTED]

From: Paul Kaurin <[REDACTED]>
Sent: Tuesday, October 5, 2021 12:09 PM
To: SpaceXBocaChica
Subject: Former Government Employee asks Simple WHYS

Dear Sirs

As an interested party and a former Government employee, I ask the following:

- 1) Why are the employees of the FAA, FCC, NASA, and Politicians asking for money? It seems to me that under-the-table deals from the past are keeping approval from moving forward! Check around and follow the money!
- 2) Why are you even listening to the competition of SpaceX with their baseless and bogus claims? Using the FAA as a big stick to beat back SpaceX competition should be criminal!
- 3) Why are you holding up the need to develop this Starship from serving the Space Force and our National interests? This helps our enemies!

Thank you, Paul Kaurin

From: [REDACTED]
Sent: Tuesday, October 5, 2021 9:13 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Supporting American exploration into space cannot be understated. The political and economic impacts would be felt here at home as well as globally. In the late sixties and early seventies, the Apollo program brought us as a nation closer together with the moon landings. It allowed us to dare to dream and united us under a banner of hope for our future. We are at that pivotal point again for our nation thanks to the efforts put forth by Space Exploration Technologies Corp. aka Space X over the past decade as it has pushed past the naysayers and surprised the establishment by resetting the bar of what's possible. Today with the turmoil that has divided us at home and abroad we have an amazing opportunity to gather together once again in supporting Space X's ambitious goals of colonizing Mars. The FAA should support the continued collaboration of commercial space flight between NASA and Space X as they work together to return us to the moon and beyond, making our species interplanetary by 2050. Within that time, it is my hope that Space X will be afforded the opportunity to pioneer a new age of innovation and discovery for our nation, helping the US regain any standing it may have lost in goodwill over the past decade. While commendable It is not the role of the FAA to monitor or regulate ecological effects of spaceflight. That falls under the jurisdiction of the EPA. Space X's founder Elon Musk has demonstrated through various media and his choices of companies he wished to create that he is a steward of a sustainable future for our planet. It would stand to reason that Space X would on their own would take steps within reason to safeguard local wildlife habitat even in a small way in conjunction to repeatedly making strides forward in the name of humanity. Truly, Ethan W. Wheeler

From: [REDACTED]
Sent: Monday, October 4, 2021 11:44 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe SpaceX is making a significant contribution to spaceflight which benefits our species. I believe SpaceX was convinced to create Starbase in Boca Chica by the state of Texas. I believe in the mission SpaceX has adopted. The environmental impacts remind me of Cape Canaveral. I observed alligators, sea birds and other animals co-existing with a rocket launch facility with no apparent long term effects. Space3x should be allowed to proceed because it is in the best interests of our nation.

From: [REDACTED]
Sent: Tuesday, October 5, 2021 11:25 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would like to express support for the SpaceX Starship program in Boca Chica. As a science educator, I am hopeful that the public good of fully and rapidly reusable spacecraft is appropriately weighed in the decision making process. I want my students to be able to see hard work by engineers rewarded with opportunity for progress, not hindered by overly burdensome regulation.

From: [REDACTED]
Sent: Monday, October 4, 2021 10:20 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please kindly allow for the progression of humankind .

From: [REDACTED]
Sent: Tuesday, October 5, 2021 12:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The future, whether with good or ill in store, seems always fast approaching. The plans detailed in this review show just one part of its coming implementation. Of course, I should also say that I'm not so literally starry eyed as many others are about either the coming future or its agents. History is too looming for us to expect "Kumbaya" to be the anthem of the stars. Therefore, I would never approve of an opinion which says that the work of SpaceX and other such groups are too important to be hindered. Nevertheless, efforts like this are likely to be a defining part of mankind's near future. Like human nature, something inevitable cannot be thwarted, but only guided. Likewise, to reject these plans will not prevent their happening, but instead from happening in a way we can include inputs and controls which we may all be able to modestly approves. In my opinion, the goings on in Boca Chica are an example of such plans which we must not reject. I support SpaceX's request to increase its operations there, and I'm very interested to see the results of such ambition.

From: [REDACTED]
Sent: Tuesday, October 5, 2021 2:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'm curious why the Noise Assessment for the SpaceX project does not contain any underwater component? I would expect that given the presence of endangered and critically endangered marine species in the immediate vicinity of the launch site, that underwater acoustic modeling across the air-water interface would have been performed to assess the sound exposure levels and potential impacts on endangered species assessed according to NMFS (see link below) criteria. Was SpaceX exempt from assessing their impact on the marine environment for some reason? Having conducted these types of reviews for military activities (gun firing, missile launch), there is considerable evidence that above-water noise can produce harmful impacts in the sub-surface environment. <https://www.fisheries.noaa.gov/national/marine-mammal-protection/marine-mammal-acoustic-technical-guidance>

From: [REDACTED]
Sent: Tuesday, October 5, 2021 8:01 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am a great supporter of the care and preservation of nature, flora, fauna and wilderness. I favor conservation and the preservation and protection of wilderness areas. I have been to the South Padre area several times and camped, kayaked and fished along the Padre Island National Seashore. It is a gorgeous area and worthy of our care. I have visited many wilderness areas and ecologically important areas. As I said, I support preserving them for ourselves, our grandchildren and for their own sake. But it is obvious that to preserve wilderness areas, important ecological diversity, endangered species, and the environment in general human action is required. Human action such as this environmental review. But to get action requires human support and buy in; i.e. public support. This is why I support the sensible use of wilderness areas. No one supports the environment more than those who take joy from natural areas. The more people we have exploring, using and enjoying nature, and hopefully sharing their experiences in every way from YouTube to books, the greater the support for protecting it. On my own explorations in remote areas I use satellite imagery to select and plan trips and routes. It is also used to an enormous degree to study environmental issues. And of course I use GPS to navigate. Furthermore, one of the things that keeps me safe in remote areas is satellite communications such as a sat phone or EPIRB. So satellite based technology is in my experience integral to the enjoyment, study and preservation of our environment in the modern age. Obviously satellites get to orbit on rockets. These rockets must launch from someplace. As long as reasonable care is taken, I therefore support SpaceX's use of their Boca Chica launch complex for the laudable goal of advancing launch technology for the stated reasons and many more. The benefits simply outweigh the costs. In conclusion my vote as one American citizen is, "send it". Allow SpaceX to proceed.

From: [REDACTED]
Sent: Tuesday, October 5, 2021 6:06 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Each of us has a roll to fill. The advancement of humanity is something not many people would resist. Unfortunately it is true that some advancements will hurt some existing structure and habitat. To balance the value, I believe you should consider the potential advancement with potential loss and willingness to monitor. SpaceX has shown great responsibility and interest in advancing society while considering the value of the nature around it. In my book this qualifies Boca Chica as a minimal risk and great advancement for the human race. Please let them and us grow into a space fairing civilization. Thank you for your time. Dean White

From: Richard Harrell <[REDACTED]>
Sent: Tuesday, October 5, 2021 4:15 PM
To: SpaceXBocaChica
Subject: Go for the win. The option is insurmountable.

The Federal Aviation Administration has a responsibility to manage air traffic within the airspace limits of the USA and all its territories and possessions. It is a thankless and stressful job. The FAA always gets criticized when they block flight of any kind. They also get blamed when they miss something that results in crashes and deaths. Like all human institutions, the FAA has been right and wrong throughout its history.

The FAA did not seem to play any role in space exploration from the day the Russians launched Sputnik through the end of the Space Shuttle program. All of those missions were government ordered and financed. Whatever role the FAA played at that time would have been in service to NASA, the military and the various Presidents in office over those years.

Now we come to a totally new era in American Space Exploration. This is the natural progression of industry. After a number of years, the American government has withdrawn from running new industries and technologies. I will not list the historic precedents here, even though they exist. The government may withdraw and still maintain oversight and control, or it may maintain almost no ties.

American industry has grown up and accepted as normal the long and slow nature of government procurement, conceptualization, financing and production of equipment. Even the pioneering efforts of aviators like Routan, Branson and others have progressed at the same unhurried pace.

Because of that slow pace of development our history presents us with one of the most compelling statements of irony that is never addressed, and I believe that it should be addressed as an example of one of our greatest strengths. On May 25, 1961, President John F. Kennedy addressed the combined Houses of Congress and the nation, giving us a challenge of unprecedented, epic scope to put an American on the moon and return him safely to Earth before the end of the decade. That challenge was not met with universal joy. Many people opposed the idea. However, JFK's charisma and political savvy won the day, and NASA was born and tried to figure out how to launch a rocket that would not blow up. Progress was slow and uneven. Products failed. People died. Progress continued. On June 20, 1969, when John Glenn and Buzz Aldrin stepped onto the surface of the Moon, President Richard M. Nixon watched America succeed in keeping JFK's pledge. The irony is that in November, 1959, John Fitzgerald Kennedy narrowly beat Richard Milhous Nixon to become the President of the United States of America. On that July 20, 1969, Nixon proudly honored the accomplishments of American industry and ingenuity and placed a non-political approval on the pledge and the vision of the man who had beaten him in the election 10 years earlier.

Now we have a new business model on the block. It moves at the pace of innovation. Changes are made in existing models shortening the time needed to develop improved prototypes. The sheer speed of the changes scares many people. I recognize and accept those fears as real. Other people fear consequences on the environment. I agree that there will be consequences on the environment. Other people fear the loss of life to many involved in developing the Starship and Super Heavy. I acknowledge those possibilities and do not diminish them.

And yet, and yet, I believe that there are compelling arguments that are significant enough to cause the concerns to impose less weight in the entire decision making process. I accept the argument that it is in the nature of humanity to strive, to explore and to go beyond all previous achievements. I accept the argument that becoming a multi-planetary species makes sense. There is one overriding and compelling argument that I do not hear in our national rhetoric. It is ironic that we do not hear it, because it is the one argument that galvanized our nation to go to the Moon in 1961.

We are in a race, and there is no choice as to its outcome. We must win this race. When President Kennedy challenged us to go to the Moon, he said that we had to get there before the Communist Union of Soviet Socialist Republics. We were in a cold and adversarial confrontation with that empire. The first one to the Moon would gain an advantage over the loser. We have seen how that has played out.

We are in a race, and there is no choice as to its outcome. We must win this race. When the Communist People's Republic of China launches its own space station and sends three astronauts on their first successful mission, that achievement is barely mentioned in the flood of news about the status of celebrities and the flood of rancor that we see and hear daily. What China has accomplished is a signal accomplishment. They are the only country in the world to launch their own space station and use it. The only other space station is the International Space Station that has required the combined efforts of Western Europe, Russia and America.

If we slow down the speed of innovation and implementation at Boca Chica, there is every possibility that China will land on the Moon first and begin exploiting its resources with the same lack of regard for environmental impact that they show in the multitude of aid programs around the world today. We currently have a lead in this race. We must do everything in our power to increase our lead. The sheer size of the Chinese population overwhelms our intellectual and physical resources.

Unwise slowdowns will jeopardize our ability to compete with China in the philosophical arguments about freedom that are the goal toward which we strive. Freedom is not admissible in Communist philosophy and application. There is so much more at stake here than broken windows, inconvenience of closed roads or even danger to endangered species. We can find solutions to all of those and maintain our lead and momentum in this new and greatest endeavor in human history.

Best,

Richard

From: Adam Fischbach <[REDACTED]>
Sent: Monday, October 4, 2021 11:48 PM
To: SpaceXBocaChica
Subject: I support SpaceX development in Boca Chica

After reading the impact report so far it seems that SpaceX contributions far, far outweigh the relatively small impact environmentally to the area. SpaceX is providing cheaper access to space that benefits all of us, such as their satellite internet providing broadband access to the most unserved rural areas, or their current starship development putting Americans back on the moon after so many years. I hope that the FAA provides quick and responsive feedback and come to reasonable agreements on this and future permits to not hold back what will help so many.

Thank you,
Adam

From: Jason Heaney <[REDACTED]>
Sent: Saturday, October 2, 2021 6:04 PM
To: SpaceXBocaChica
Subject: Please hurry up and let them launch

Hi,

Can you please hurry up and let space x launch please so that they can actually progress humanity. They're going to be ready to launch any day now if you track updates. It's going to take many more launches and much more work for this to be successful.

Thanks,
Jason

From: JJ Silk <[REDACTED]>
Sent: Monday, October 4, 2021 10:10 PM
To: SpaceXBocaChica
Subject: Reply to public comment period

Hello. My name is JJ Silk. I am a high school student at Bellaire High School in Houston. I am in full support of SpaceX launching Starship out of their Boca Chica facility. However, with NASA's Artemis missions coming closer by the day, I would suggest an option for more orbital launches, perhaps in a manner where SpaceX would have to demonstrate their complete ability to launch and land Starship and Superheavy safely without damage to the vehicles or the facility. After they demonstrate around 30-50 successful launches in a row, then grant them a wider authorization to launch. I hope one day to be able to launch on a starship to the moon or Mars. I hope the FAA will help this dream of mine become a reality.

Thank you so much for your time,
JJ Silk

Sent from my iPad

From: Peter Pomm <[REDACTED]>
Sent: Tuesday, October 5, 2021 12:31 PM
To: SpaceXBocaChica
Subject: Space YAY

Dear humans!

I live in Germany and I really love Space X. It gives people something to look forward to. And we all need that. Please make sure that Elon can continue his magic with as little disturbance as possible.

Thanks for listening.

Yours faithfully,
Pete :D

From: ron ronbenton.net <[REDACTED]>
Sent: Sunday, October 3, 2021 10:32 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica PEA Comments

Ms. Stacey Zee and ICF,

I am a concerned citizen and space development enthusiast living in Minnesota. I have not had an opportunity to visit the SpaceX Boca Chica facility or surrounding area. I had planned to visit this month but decided the COVID-19 situation is still too risky for such a trip. However, I closely follow developments there and watch many of the related videos published on YouTube daily. I have done so for over a year.

I understand the environmental concerns of local citizens and wildlife conservationists. However, I believe the developments being pursued by SpaceX there are of extreme importance to the national as well as local economies and the future of the human species. I want us to be as careful about the impact on the environment as we can be while limiting impact on the development at the site and schedules as much as possible. I don't believe there is likely to be another site that is better suited.

It is important that the development of offshore launch facilities proceed as quickly as possible because frequent launches are necessary for Starship cost and reliability improvements to reach levels similar to commercial air travel. Because of the extreme levels of sound involved in full-scale launches, it is impractical to have daily launches so near developed areas.

I would like to see development of the site and systems proceed as quickly as safely possible.

Sincerely,

Ronald R. Benton
[REDACTED]

From: Richard Johnson <[REDACTED]>
Sent: Tuesday, October 5, 2021 11:49 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Plannend Launches

To: Federal Aviation Administration
[REDACTED]

From: M. Richard Johnson
[REDACTED]

Dear Federal Aviation Administration:

Our government must ensure that the traffic of our skies is safe and that our environment is protected, however we must also find ways to more quickly allow reputable and respectable entities, like SpaceX, to launch rockets and test their equipment without undue government interference.

As quickly as possible, I implore you to approve the plans which SpaceX has submitted to launch their Super Heavy rockets from Boca Chica, Texas. Their endeavors are not only elevating our national pride but their work to move humanity out to explore the stars is also one that should be supported with all enthusiasm possible.

Please approve their request as soon as possible.

Sincerely,

M. Richard Johnson

From: John Karpiscak <[REDACTED]>
Sent: Sunday, October 3, 2021 2:54 PM
To: SpaceXBocaChica
Subject: SpaceX is ready- Launches Need to Proceed Immediately

To whom it may concern: I have reviewed the bulk of the FAA's report regarding SpaceX' environment assessment. As a 40 year Corps of Engineer employee and a former space systems engineer, I have noted no particularly difficult or extraordinary concerns regarding SpaceX's proposed launch capabilities or potential impact on the environment that I would consider overly risky or hazardous based on their proposals. Other than an occasional road closure, There is little that will be introduced by the proposed multiple launches to adversely affect the local environment from an ecological standpoint. On a positive note, there is much that SpaceX can offer the local community and the local economy to improve those environments. These last factors greatly outweigh any negatives that may arise as a result from either regular launch operations or even from the accidental loss of vehicle in early flight.

I recommend that they be cleared to launch immediately and maintain the high pace of operations and technical competatnce that SpaceX is known for.

Respectfully,

John Karpiscak III, PhD

From: Jean-François Harvey <[REDACTED]>
Sent: Tuesday, October 5, 2021 7:26 AM
To: SpaceXBocaChica
Subject: SpaceX Environmental Assessment

Dear Ms. Zee,

I congratulate the FAA on its thorough, fair and comprehensive draft environmental review for the proposed SpaceX program in Boca Chica, Texas.

Based upon my research of public documents, there are certain positive and negative aspects to the proposed expansion and operation of the SpaceX facility in Boca Chica.

Some of the benefits of the SpaceX program in Boca Chica are as follow...

- Launching over the gulf of Mexico mitigates potential damage to populated areas.
- Provide numerous jobs to local workers
- Increase financial contributions toward the local roads and related infrastructures.
- Increase the number of space enthusiasts that come down and contribute to the local economy
- Increase media coverage that exposes the beauty and importance of wildlife preservation to an international audience.
- Positions South Texas to play a historic role in the next chapter of space travel

Some of the negative aspects include the following...

- Notable increase in noise
- Potential increase in the scattering of debris within the protected wildlife in the event of an unplanned explosion
- Reduce access to the Boca Chica beaches caused by increased period of road closure.

Conclusion

Space X has an almost 20 year record of innovation and reliability. Their emphasis on reuse means less environmental consequences, less cost, and greater reliability.

Having studied the proposed changes, I believe that SpaceX has taken an environmentally thoughtful approach to their facility at Boca Chica and that the benefits of the SpaceX program far outweigh the negative aspects brought about by their activities.

Certainly there are uncertainties, but this draft environmental review does an excellent job of setting out the likely parameters. SpaceX has shown both ability and a commitment to adjust to changing conditions.

I urge the FAA to accept SpaceX construction and activities at Boca Chica

Best

Jean-Francois Harvey
Canada

From: Matej Černý <[REDACTED]>
Sent: Sunday, October 3, 2021 5:21 AM
To: SpaceXBocaChica
Subject: SpaceX Starbase

Dear sir / madam,

I would like to express my support for SpaceX in this email. It is very important for humanity to bring down the cost of spaceflight and I cannot think of any other company capable of doing so in our lifetime. Their endeavors are very important and they should get as much support as possible and not be slow down by bureaucracy.

Sincerely,
Matej.

From: Scott Derrick <[REDACTED]>
Sent: Sunday, October 3, 2021 2:51 PM
To: SpaceXBocaChica
Subject: SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Comment on the SpaceX program at Boca Chica Texas,

Scott Derrick
[REDACTED]

I am 100% in favor of approving the plans of SpaceX as outlined in the Draft PEA.

I think rigorous oversight will be needed to insure SpaceX stays within the boundary's of the final PEA.

I think SpaceX can insure the protection of the surrounding lands as NASA has done in a very similar environment.

Scott Derrick
10/3/2021

From: Johannes Panknin <[REDACTED]>
Sent: Sunday, October 3, 2021 3:32 AM
To: SpaceXBocaChica
Subject: SpaceX support

Hello FAA,

I really enjoy the human journey to Moon and Mars with it roots and base in Boca Chica.

As a German I do think Americans are braver when it comes to space. I hope that you support SpaceX for us.

Greetings from Germany,
Johannes

From: cb7catalyst <[REDACTED]>
Sent: Sunday, October 3, 2021 9:05 AM
To: SpaceXBocaChica
Subject: Starbase - Environmental Assessment

Hello,

I wanted to submit a quick note, and voice my support for this environmental assessment. I appreciate the time and effort that goes into something like this, and unlike most who probably oppose what you are doing, I think the process makes things safer, and help prepare the land for the inevitable future.

I also want to voice support for SpaceX and their operations in Boca Chica. I think the research and development they are doing there is unique and amazing, and could potentially change the way we live. With that radical change comes a lot of potential for failure, rockets are dangerous, but SpaceX has time and time again demonstrated that they are willing to not only go above and beyond what the standards are, but to redefine them and change the future!

I hope that this assessment can be completed as timely as possible, so that Starship can launch. I would hope that more considerations for the area would be made after a launch, so that we can make realtime changes that affect safety and security.

All in all, I hope that this note is well received, and I wish you all the best.
-John Hatton
La Grange, KY

From: Bigwaleye <[REDACTED]>
Sent: Sunday, October 3, 2021 4:57 AM
To: SpaceXBocaChica
Subject: Starbase inception

I feel the need to allow spacex to press forward with there plans for spaceflight will not only inhance the US. Capabilities in space to go above and beyond all expectations so far in place by any space company or organization would far outweigh any wildlife damage if any at all.
Thank you kindly for hearing my side of this matter.

Anthony Dorsett
Sent from my T-Mobile 5G Device

From: Jon Timus <[REDACTED]>
Sent: Friday, September 17, 2021 3:22 PM
To: SpaceXBocaChica
Subject: About SpaceX/Starship

Categories: Purple Category

Hello,

I am a avid space exploration advocate and a geek who wants, as thousands of people, to see Starship approved and fly.

It is one of the very few inspirational things that is going in the world right now.

I fully support SpaceX team and Starship program.

Best,
Jon

--

Best Regards,
Akhmadjon (Jon)

From: Dylan Norman <[REDACTED]>
Sent: Friday, September 17, 2021 3:32 PM
To: SpaceXBocaChica
Subject: Added to Mailing List

Categories: Purple Category

I would like to be added and approve of my email being added to the mailing list regarding the PEA.

My opinion on the Draft PEA provided is this,

The potential and provable benefits of moving forward with the program vastly outweigh the potential negative environmental and unsubstantiated financial impacts on the community.

Jobs of a broad range of expertise will be created through preparation, launch, and recovery programs created.

The continued research and development of reusable rockets will only help to advance technologies that help and serve both the local and national scientific and financial community.

Thank you,
Dylan Norman

--

Dylan Norman

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ph: [REDACTED]

em: [REDACTED]

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From: John Mc Christy <[REDACTED]>
Sent: Friday, September 17, 2021 3:39 PM
To: SpaceXBocaChica
Subject: Approve immediately

Categories: Purple Category

The spacex project should be approved immediately.

The future depends upon it.

Stop your delays.

Sent from [Mail](#) for Windows

From: Jack <[REDACTED]>
Sent: Friday, September 17, 2021 2:49 PM
To: SpaceXBocaChica; [REDACTED] Jack
Subject: Boca Chica Launch Site

Categories: Purple Category

Ms. Stacey Zee
SpaceX PEA
c/o ICF
9300 Lee Highway
Fairfax, VA 22031

John E Lemley
503 Clay St
La Porte, IN 46350
[REDACTED] (c)

Dear Gentle People,

It is my understanding that SpaceX was already granted permits for Rocket Static testing and Launching Starships.

An explosion - that has already occurred is more volatile than a launch. Mr. Musk has stated that they are done "purposefully" blowing up ships.

The only difference now is to launch then higher and into Orbital Space eventually to the Moon and Mars.

There have been numerous launches, test and explosions already at Boca Chica.
I still see Sea Gulls and other Bird life flying around nearby.

It takes the same effort to lift the Rocket today as it did yesterday. Gravity didn't change its pulling power.

Just the Hate of other companies in the Race back to Space. SpaceX has been forced to jump through more hoops with less money than the rest and still comes out on top.

Gone are now the days of "Lucrative" government contracts. Slow approvals, massive money for changes, Big punishment for failure - little reward for Success.

SpaceX has demonstrated along with it's sister company Tesla that they are the most Environmentally Conscious corporation on the Planet.

Having been born in Gary, IN and witnessed the Chemical pollution of an area then watching the deep care Mr. Musk has for the environment he impacts brings a tear to my eye.
Why couldn't the Carnegie's of the World worked this way instead of putting Greed first and humanity last.

I have visited Cape Canavarol, Lompoc, Cheyenne - even White Sands. Life has always returned.

I know we aren't considering Chernobyl (some are acting like it) but even there after a Great Disaster - nature has returned.

Mr. Musk and SpaceX should be granted full approval as expeditiously as possible.
The only thing you may consider to add is a larger Civilian Barricaded area. The amateur news casters (you tubers) etc are the biggest environmental hazards - Far more than SpaceX.
I have also born witness the destruction of a Grassy Area Commercial broadcasters can do.

Thank you,

John E Lemley
(digitally - signed.)

From: Alan Coffey <[REDACTED]>
Sent: Friday, September 17, 2021 6:11 PM
To: SpaceXBocaChica
Subject: Boca Chica

Categories: Green Category

Please do not stand in the way of Elon Musk and his crew. He is the most innovative mind in the world today, and we are lucky to have him here in America.

Thanks.

Alan Coffey

PH: [REDACTED] [REDACTED]

From: Tony Ho <[REDACTED]>
Sent: Friday, September 17, 2021 3:32 PM
To: SpaceXBocaChica
Subject: Comment

Categories: Purple Category

I believe in space exploration and a company such SpaceX, whom has had numerous successful launches, should be able to take science to the next level and conduct this launch. It will make multiplanetary become real and allow us to make an impact in the universe!

From: Eric Ferguson <[REDACTED]>
Sent: Friday, September 17, 2021 3:41 PM
To: SpaceXBocaChica
Subject: Comments on SpaceX activities at Boca Chica

Categories: Purple Category

To Whom it May Concern,

As a citizen deeply concerned about the wellbeing of the environment in South Texas and around the world, I am writing to express my support for the SpaceX activities in Boca Chica, Texas, as outlined in your recently published materials.

Orbital launch activities must, to ensure maximum safety, occur over water, which means some amount of coastal activity is necessary. The FAA is now in a position to set a precedent for future private spaceflight infrastructure, by requiring SpaceX to meet a high standard for its mitigation of environmental impact. The standard should be set high, but achievable, to model a future where this work is possible but regulated for the benefit of all. Other companies should see that only by meeting the high standard set by SpaceX can they also launch vehicles of this type.

I support the FAA's insistence on stringent protocols, but support a path that allows SpaceX to launch and land its starship, superheavy, and other test vehicles at this site.

Eric Ferguson

From: Rick Eichhorn <[REDACTED]>
Sent: Friday, September 17, 2021 4:33 PM
To: SpaceXBocaChica
Subject: Comments on SpaceX

Categories: Green Category

To whom it concerns:

SpaceX is a treasure to the human species. Adherence to prudent guidelines is a necessary precaution for any endeavor such as that which SpaceX has taken upon itself.

However, SpaceX is a paradigm-shattering entity, one for which some discretionary latitude must be given.

The guidelines underpinning FAA regulation of spaceflight are, in general, some 50 years old, and were designed for government programs, not private industry.

[Sent from Yahoo Mail on Android](#)

From: Mitchell Wyle <[REDACTED]>
Sent: Friday, September 17, 2021 2:56 PM
To: SpaceXBocaChica
Subject: comments on the FAA Draft Programmatic Environmental Assessment for proposed Starship/Super Heavy project in Boca Chica



Categories: Purple Category

Thank you for enabling us to supply public comment on this study. My comments are:

1 - Species survival and the Starship vision of enabling humans to be multiplanetary are more important than mitigating the inconvenience of local wildlife. Therefore, any accommodation for local wildlife, including relocation to nearby, identical habitats, breeding, or simply allowing the wildlife to adapt to the noisy neighbor is acceptable. Please do not risk all humanity for the convenience of some local wildlife in S. Texas.

2 - The local city government and local citizens of Boca Chica should decide how they choose to deal with highway 4 road closures. If the local citizens of Boca Chica choose to help build tunnels for the auto traffic, they can and should. If they choose to refuse certain road closure requests by SpaceX they can. FAA should not usurp local city jurisdiction over their own roads.

Thanks again for listening to us.

	
	
The FAA	
@FAANews	

We want to hear from you! The FAA released the Draft Programmatic Environmental Assessment for the proposed

[@spacex](#)

Starship/Super Heavy project in Boca Chica, Texas. It is now open for public comment until October 18. Learn more at bit.ly/3CoJ1Om.

[#FAASpace](#)

From: Mike S. <[REDACTED]>
Sent: Friday, September 17, 2021 3:02 PM
To: SpaceXBocaChica
Subject: Comments Re: Draft PEA for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Categories: Purple Category

To Whom it May Concern:

My name is Michael Schwennesen. I am a retired environmental chemist. I worked for 28 years (1987-2015) performing activities related to the mitigation of environmental issues, mostly as a contractor to the USEPA.

I have reviewed the document, "Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas September 2021 (PEA)." I found the PEA to be sufficiently thorough, and I believe that SpaceX's proposal to operate the Starship/Super Heavy launch vehicle at its existing Boca Chica Launch Site in Cameron County, Texas should be approved.

If you have any questions or comments regarding my opinion, I may be reached at [REDACTED]

Thank you for your consideration,

Michael Schwennesen

From: John Smith <[REDACTED]>
Sent: Friday, September 17, 2021 5:34 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Public Review Comment

Categories: Green Category

The FAA has the responsibility to conduct an Environmental Assessment of the proposed SpaceX plans. I also believe the FAA has a responsibility to the general public to not unnecessarily obstruct the SpaceX mission with this process.

As the winner of the sole contract to return humans to the moon and beyond, SpaceX is in a unique and high pressure position whereby they must move extremely rapidly to develop the hardware required for Starship/Superheavy. The extreme speed of their iterative development process is going to push the limits of government oversight. Plans change rapidly, and the FAA needs to recognize that their current processes simply do not enable the innovation needed to keep the United States on the cutting edge of Aerospace. As the largest launch provider of mass to orbit by a wide margin, SpaceX deserves the attention, resources, and understanding of the FAA. They are special, and need to be treated as such.

I would ask that the FAA immediately approve SpaceX's plans, and offer them every benefit of the doubt in future interactions with a focus on rapid approval. The FAA needs to enable access to space, not prevent it!

John Smith
Niceville, FL

From: Cannon <[REDACTED]>
Sent: Friday, September 17, 2021 4:47 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Public Review for Starship Super Heavy Project at the Boca Chica

Categories: Green Category

As an American citizen, I fully support SpaceX's Starship Super Heavy Project at the Boca Chica launch site. I've reviewed the draft PEA for this program and believe it is in the best interest of the USA for SpaceX's plan to be allowed to go forward without delay or further restrictions. These flights are of high value for the USA, the future of manned spaceflight, and the ultimate survival of humanity. The relatively minor downsides to the program are not significant enough to support any further delay or hurdles to be imposed on the Starship launches out of Boca Chica. In fact, I'd like the FAA/ICF to approve more than 5 launches per year if SpaceX requests. Please approve this permit or license application as written by SpaceX without any further delay including request for more information or other bureaucratic hurdles. Thanks in advance for your attention and speedy approval of the Starship Super Heavy Project at Boca Chica.

Charles Cannon

From: [REDACTED]
Sent: Friday, September 17, 2021 4:45 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Public Review for Starship Super Heavy Project at the Boca Chica

Categories: Green Category

As an American citizen, I fully support SpaceX's Starship Super Heavy Project at the Boca Chica launch site. I've reviewed the draft PEA for this program and believe it is in the best interest of the USA for SpaceX's plan to be allowed to go forward without delay or further restrictions. These flights are high value for the USA, the future of manned spaceflight, and the ultimate survival of humanity. The relatively minor downsides to the program are not significant enough to support any further delay or hurdles to be imposed on the Starship launches out of Boca Chica. In fact, I'd like the FAA/ICF to approve more than 5 launches per year if SpaceX requests. Please approve this permit or license application as written by SpaceX without any further delay including request for more information or other bureaucratic hurdles. Thanks in advance for your attention and speedy approval of the Starship Super Heavy Project at the Boca Chica.

Charles Cannon

From: Chris Kleindl <[REDACTED]>
Sent: Friday, September 17, 2021 6:22 PM
To: SpaceXBocaChica
Subject: EA comment SpaceX Boca Chica

Categories: Green Category

Good evening Stacey,

I have looked over the draft for SpaceX Boca Chica, TX and I couldn't find anything wrong. Great work putting this document together, and pushing it forward for the public to review it.

I'm glad to see this Space community to come together, and hope to see SpaceX's Starships to been us back to the Moon, and beyond to Mars.

Thank you,
Chris Kleindl

From: Norbert Kiepurski <[REDACTED]>
Sent: Friday, September 17, 2021 3:37 PM
To: SpaceXBocaChica
Subject: Environmental impact for SpaceX operations

Categories: Purple Category

Hi,

As much as you'll find you surprising, I'm writing to you from way around the world, which is Poland, Europe.

I have been following space industry, and Space Exploration Technologies Incorporated and SpaceX for many years now, particularly since their Starhopper debut over two years ago. Every day I'm more and more impressed by what they will be able to achieve, and willing to see when they can do it, if given a little leeway in terms of their environmental approval for their Boca Chica facilities.

As much as I understand that their current state of affairs may exceed what they have been granted in terms of their environmental approval, in grand scheme of things they may push humanity beyond what anyone could ever imagine, and in such terms the sacrifice of small area of Earth's surface, compared to what we destroy on daily basis, is justified as it'll move humanity beyond earth bound civilisation, and up to the stars.

A little over 100 years ago we were only bound to surface boundaries, which by now we have expended over the entire planet's surface. Our only next step can be solar system, and right now you're the ones that could make it possible in legal way.

As such, I hereby ask you for permission for SpaceX to carry out their plan, to make Boca Chica an orbital class spaceport, in their way to make Starship programme viable, and to move humanity to next level, so we can see a future worth living for.

Yours sincerely
Norbert Kiepurski

From: Николай Обухов <[REDACTED]>
Sent: Friday, September 17, 2021 5:26 PM
To: SpaceXBocaChica
Subject: FAA approval

Categories: Green Category

Dear Sir/ Madam

Im an international studet from Ukraine. Moved from Ukraine to Canada in hope to find better life.

I can see how fast Elon Musk is growing SpaceX to achieve his main goal - to reach Mars.

In my opinion he cannot do it without team work. In this case - FAA.

I firmly believe Mr Musk will do everything withing his responsibilities to make orbital launch happen.

Also, I believe SpaceX team will do everything to meet the FAA requirements

I firmly believe that this nation does its best to achieve it

Best Regards,

Mykola Obukhov

From: Kelly Miller <[REDACTED]>
Sent: Friday, September 17, 2021 6:08 PM
To: SpaceXBocaChica
Subject: FAA I ask you to please support and Fully Approve SpaceX's Starship Boca Chica Site and Starship Program

Categories: Green Category

Dear FAA Team,

I know it is critical for you to thoroughly review and vet the impact of every commercial company working so hard to reach for the stars. And even though there can be many people that hide behind online public applications and spin up negative comments your way, all of America knows how important it is for you to get these licenses right.

I was born in 1976 and missed the amazing Apollo 1961-1975 program and was only able to get a small glimpse of it through the short shuttle program. When it finally came to an end and America was forced to pay tons of money to hitch rides on Russian rockets, I was sure I wouldn't see another program like Apollo in my lifetime. But here we are 2021 and we have an amazing commercial race to get American's back into space on our American built spacecrafts and rockets. And we have Artemis right behind pushing through to get us back to the Moon.

I cannot tell you why Elon chose Boca Chica Texas, but after combing through your PEA draft for SpaceX's Starship Boca Chica Site and Starship Program, that must be the lowest impact area in the United States. There is an ocean of water nearby and a very low population impact in the region. When I look at maps of launch areas similar, Cape Canaveral Florida and Vandenberg California sure seem like they have extremely similar landscapes and populations in relation to the launch sites and potential debris fields.

As an American, and a reenergized space nerd adult kiddo, I ask you to approve SpaceX's Starship Boca Chica Site and Starship Program so that they can continue to lead the race back to the heavens. They have now flown over 100 Falcon 9 missions, and a successful Falcon Heavy mission, and have repeatedly shown over and over their ability to move machinery at supersonic speeds safely. They have also carried humans safely on and off our planet Earth, including an ongoing mission with civilians on the Inspiration4 mission.

I read an article on the Artemis program that states from NASA that the program will cost American taxpayers \$86 Billion dollars for their FY21-FY25 plans. When you look at SpaceX's model, they were predicting \$90 million for each Falcon Heavy flight, but have a goal of reducing that down to \$2 million for each Super Heavy flight. If SpaceX's Boca Chica Starship site and program were to use that same Artemis budget, the American taxpayer could get 43,000 Starship launches in those same 4 years. Which is another big reason why I employ you to heavily consider the full approval of their site and program goals.

The other pressing issue that you as the FAA and all American's must consider is the actions of China. China has pressed the GO button on space exploration, and from their most recent space station launch, they could care less about the safety of the world for their uncontrollable rockets. While we all understand the importance of diving into the environmental impacts and population impacts for companies in the U.S., we cannot let our own policies keep us from leading the world in both space flight but also with space exploration. The approval of the FAA in this regard is extremely important and critical to get completed as soon as possible.

Thank you for time and consideration of my plea for your Full Approval of SpaceX's Starship Boca Chica Site and Starship Program.

Thanks,

Kelly Miller

H

C

From: Jonathan Du Bois <[REDACTED]>
Sent: Friday, September 17, 2021 3:06 PM
To: SpaceXBocaChica
Subject: FAA SpaceX Proposal

Categories: Purple Category

Dear FAA

Let SpaceX conduct their flights and continue on Starship and booster testing at Boca Chica Texas! They are the surefire way to get to the moon and Mars someday and I believe they will be the company to get there again!

Thanks!

From: Mateja Petrovic <[REDACTED]>
Sent: Friday, September 17, 2021 2:51 PM
To: SpaceXBocaChica
Subject: FAA

Categories: Purple Category

Ensuring that spacex has the means to conduct their spaceflights is of crucial value to the humanity as a whole. Progress and endeavours space x makes possible are amazing. Also the motivation and drive their efforts and achievements make, gives motivation to everyday humans.

From: Josh Vermast <[REDACTED]>
Sent: Friday, September 17, 2021 2:44 PM
To: SpaceXBocaChica
Subject: Feedback on the SpaceX Boca Chica EA

Categories: Purple Category

To Whom it May Concern

I am emailing in regards to feedback on the Boca Chica SpaceX Environment Assessment. I have read every page of the assessment and firmly believe that 100 years from now, we will look back at this moment and say "This. This was the moment we decided to look ahead and not look back".

I have been following space development for the greater part of 20 years and researching space history for the equivalent. If we had denied improvements to Cape Canaveral for space flight activities in the Apollo ERA, where would we be now?

I see nothing in this EA that should be a blocking factor in the continued development of the Boca Chica Spaceport and would request that the FAA work harder to promote the longevity of humankind and not waste time and resources defending your decisions to approve these sorts of developments.

Approve this EA and work harder at streamlining this process before it's too late for humanity.

Sincerely,

Josh Vermast

From: [REDACTED]
Sent: Friday, September 17, 2021 4:34 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I stand in favour of ongoing, future development and mutual governance of SpaceX at Boca Chica, Texas.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:42 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Understanding that the activities of spacex have an impact on the area, as any project does. I urge the FAA to understand that the purpose of space exploration is an important goal that our species future depends on. If the impacts on the surrounding area are acceptable, it is imperative that projects such as these are encouraged. For the good of all mankind.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:57 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a taxpayer and citizen of the USA I most favorably support SpaceX's work and development of space exploration technology and equipment development. I firmly support SpaceX work to supply the most advanced and affordable systems to achieve technical leadership and accomplishment of goals to explore our solar system and provide world wide service. I'm am satisfied with the methods used by SpaceX to accommodate residents and community near Boca Chica, Tx and would like to see an expeditious approval of permits to keep on track and encourage the progress SpaceX represents. Thank you Norbert Pestana

From: [REDACTED]
Sent: Friday, September 17, 2021 2:54 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My hope is that the FAA and SpaceX have a close partnership. A lot of SpaceX fans will urge the FAA to help their endeavor in any way possible. While I agree with the sentiment I urge SpaceX to respect the boundaries laid out by the FAA. The safety and health of citizens and our environment are paramount. With that said it is known SpaceX has a high cadence of testing and has proven it's commitment to safety. I hope that the FAA can utilize more resources to make sure they can keep up with this high pace company. Russell Sutton, Michigan

From: [REDACTED]
Sent: Friday, September 17, 2021 5:02 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am convinced that the value of the mission into space be it voyages to the moon, mars or beyond drastically outweighs the possibility of short term environmental impact that SpaceX may not be able to directly control. The work and vision being executed must continue for the future of humanity. Thank you.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:57 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'm writing in support of SpaceX's regulatory approval of super heavy launches from Boca Chica Texas. America's space and technology dominance have been in decline the last several decades. We desperately need disrupters like SpaceX and Elon Musk to push us forward and fight the mire of bureaucracy that has slowed and stalled advancement. Please allow for a swift path forward. Thanks, Max Bona

From: [REDACTED]
Sent: Friday, September 17, 2021 5:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I do believe that America's future in space would be severely set back by putting substantial obstacles in the way of the starship development program. I encourage the FAA to begin licensing Starship and Super-Heavy flights as quickly as possible, assuming that SpaceX is taking all reasonable steps. Thank you!

From: [REDACTED]
Sent: Friday, September 17, 2021 3:04 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I would like to express my support for spaceX and the starship rocket specifically. Thank you for the opportunity to provide comments.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

We are so grateful to have a government agency that not only looks out for the safety of our citizens but understands the importance of partnering with exceptional entrepreneurial companies like SpaceX. You will be remembered as a positive partner in accelerating forward the conquest of space by the U.S. and humanity. Thank you.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:04 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Nadie hace más que la NASA y SpaceX por llevarnos más allá de la órbita terrestre baja (LEO). Todo mi apoyo a éstas grandes iniciativas de éstos gigantes del espacio! Desde Mendoza, Argentina.

Translation: No one is doing more than NASA and SpaceX to get us beyond Low Earth Orbit (LEO). All my support for these great initiatives of these giants of space. From Mendoza, Argentina

From: [REDACTED]
Sent: Friday, September 17, 2021 5:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support this facility and urge approval. Thank you for your time. Robert J Tappan Woodbridge, CT

From: [REDACTED]
Sent: Friday, September 17, 2021 3:05 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My family and I fully support @SpaceX and their application for Starship - they are giving us hope for a brighter future for all human kind. I am proud of their approach and level of responsibility and care for others in their local community in Boca China and the world at large. We can trust them in moving forward responsibly. Thank you - Shiraz Akmal

From: [REDACTED]
Sent: Friday, September 17, 2021 5:06 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow for a fully open launch site SpaceX is a responsible company, please dont place restrictions on them.
Alex Banman

From: [REDACTED]
Sent: Friday, September 17, 2021 3:11 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please do whatever is necessary to cut through the red tape and allow SpaceX to continue it's progress in Boca Chica. Whatever minimal environmental impact there may be, it is nothing compared to the tremendous good that will come from becoming a space fairing civilization. Thank you, Nick Barreiro Nolensville, TN

From: [REDACTED]
Sent: Friday, September 17, 2021 5:10 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I'm writing today to express my thoughts and feelings on the SpaceX boca chica launch site, and I would like to start by stating that I support the approval of the launch license to SpaceX boca chica. I am not anybody particularly important or noteworthy, I am just an apprentice electrician from Colorado. I understand the concerns of those who oppose this development, the environment is important, after all. But, I believe that if we as a species are to actually commit to solving all of our problems, we must have a future to look forward to. I believe that starship is an important symbol of what's to come, that future that we need to strive for. And I believe that the US government is beginning to see the potential behind Starship, too, with all of the news I'm hearing. I hope to see SpaceX continue to push the boundaries of what was once thought impossible, swiftly yet safely. -Ryan Cook

From: [REDACTED]
Sent: Friday, September 17, 2021 3:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I unreservedly support approval of the amended EIA for Starship/Superheavy operations at Boca Chica, Texas.
Bryan Livingston Argyle, Texas

From: [REDACTED]
Sent: Friday, September 17, 2021 5:10 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support spacex and starship program for the good of humanity!

From: [REDACTED]
Sent: Friday, September 17, 2021 3:14 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Just do it for heaven's sake. SpaceX know what they are doing. Let's get back to the Moon and on to Mars. No other organisation is capable of doing this in the near term, not even NASA. The environmental impact is trivial. What are you waiting for?

From: [REDACTED]
Sent: Friday, September 17, 2021 5:20 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The SpaceX Starship program is a critical step for the survival of the human species. One has to look no further than Earth's own past mass extinction events to realize that if we don't progress to become a multi-planetary species, it is a matter of when not if, we go extinct. Furthermore, the technologies developed colonizing Mars will greatly benefit our own planet and all of its inhabitants, regardless of species. It would not be in the best interest of mankind, planet Earth, or any of its inhabitants to stifle the incredible progress SpaceX is making. V/R
Nathan W. La Rue, MSgt (retired), USAF

From: [REDACTED]
Sent: Friday, September 17, 2021 5:22 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in full support of permitting SpaceX to launch starship/super heavy from the Boca Chica facility. I sincerely hope that the government, the Boca Chica community, and SpaceX can find a reasonable way for SpaceX to proceed in consideration of the environment and unimpeded in their plans to make humanity a space-faring civilization. Thank you, John Ott

From: [REDACTED]
Sent: Friday, September 17, 2021 3:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To Whom it May Concern, Let SpaceX fly the Starship Heavy. Do not get in the way of their efforts. The reason the dinosaurs aren't here today is because they were not an advanced multi-planetary species. Given the probability of a catastrophic event occurring again, we must act now. Humans should strive to become a multi-planetary species as quickly as possible. Governments must know their place in a modern capitalist society. Balance the scales while letting the free market operate without heavy intervention. This means getting out of the way of enterprises like SpaceX. NASA has failed to produce reusable rockets at the scale and efficiency of SpaceX. In fact, NASA continues to produce the SLS rocket, which is not reusable, instead of discarding the project and starting over. Let SpaceX fly. Eve Klein

From: [REDACTED]
Sent: Friday, September 17, 2021 4:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello regarding the release of the Draft PEA I would like to know what concerns SpaceX will have with the wildlife out there. If they won't be able to do the Starship/Super heavy activities such as launches or expansion of the launch site because of it. That's what I believe should be the main regards to get the project approved or not. Thank you- Cameron county resident.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:43 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX has routinely shown a willingness to reduce its environmental impact in any way possible. SpaceX's launch plans avoid important rivers and lakes and fuels and sounds are no more polluting than current rockets launched from the U.S., Russia, or China. The value of investment into the surrounding community will vastly outweigh any current environmental impact.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:24 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

While environmental impact assessments are - of course - critically important, they should not be absolute. The scales that measure the effects of the "greater good" of a project vs the negative environmental impacts should always be flexible enough to bend when necessary, otherwise progress in any form would be in peril. Yes, there are those who would volunteer themselves and all others to a life of cave dwelling and even measures far more extreme in the name of environmental perfectionism. However, that is not a reasonable solution. It affords no balance between advancement of humankind and protection of this planet. I feel it is reasonable to take a fair look at what SpaceX has already accomplished, how effectively they have achieved results, what they have already done to minimize environmental impacts, and say "Yes. This is worth it. This is what we - the entirety of the human species - will need to do if we are to survive." We freely - and fairly - speak of "future generations" when we discuss protecting the environment. This is a truth that we cannot ignore. It can be an uncomfortable truth when it conflicts with our comforts, our luxuries, our daily lives. But here is another truth: no matter how perfectly we care for this planet, no matter how grand and effective our goals of "leave no trace" may be... a time will come when future generations will need to move beyond this beautiful planet in order to survive. This is not hyperbole. It is an inevitability. It may come by our own hand, by nature itself, or even from the cosmos we all stare at with wonder and awe. But it will come. SpaceX and the project at Boca Chica should be allowed to progress, not because I choose to ignore future generations, but because I love them as dearly as I love my children. And like my children, I know someday they will need to move away and start anew. I believe we are capable of protecting this planet while we simultaneously prepare for our inevitable journey beyond. We can find the balance and do both. We are ready.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:16 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I should hope that cameron county and the state of texas and its residents stand behind spacex and their mission to make life multiplanitary. Spacex not only furthers humans but it directly brings business to bocca chica and surrounding areas and employs thousands of hardworking americans from all around the country.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As an Iraq veteran of our United States Army, I have witnessed firsthand what waste and environmental harm can be generated by accomplishing a mission that needs done, but in a way that does not embrace reusability and refurbishment of expensive equipment. The reusability of the SpaceX Starship and Super Heavy charts a new path forward for both sustainability as well as pushing the boundaries of what humanity and our nation are capable of. I look forward to seeing what will be accomplished, and await the future not with fear but with excitement and optimism, and I know that SpaceX serves as a similar source of inspiration for many Americans.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I express my support for SpaceX's proposal.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Stay out of SpaceX's way and let them launch. They are doing more than th government ever can or will. Don't be a hindrance, let them launch

From: [REDACTED]
Sent: Friday, September 17, 2021 5:27 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, The Starship program is an inspiration. As an aerospace engineering student, it would be a great loss to see it halted. I'm no expert on the environmental issues at hand. However, I encourage cooperation with, and support of SpaceX in addressing these issues. This program is vital to human progress. Kind regards, Riley

From: [REDACTED]
Sent: Friday, September 17, 2021 3:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please authorize the Boca chica permit! Honestly it's a net gain for humanity and I really want to visit the USA to see starship launch! In terms of the ecological impact, I think the ability to have a satellite internet will drastically reduce carbon emissions and much lower mining impact. I'd like to see spacex invest in carbon capture to offset the rocket propellant, but again net benefit.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:30 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am strongly in favor of approving the SpaceX Super Heavy / Starship program. It is critical for American competitiveness and moving humanity forward to proceed with this program as quickly as possible.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello FAA assessment team and co, I would like to voice my support for Space X to continue expanding their launch services from their current locations, including Starship and Super heavy. The USA has always been open and welcoming me to innovation and "the next best thing" and this is a perfect example of how we can maintain that wonderful goal and progress. Please do allow save x to continue to expand and ensure that we maintain our lead position in the world. Best regards, Jonathan Wiley

From: [REDACTED]
Sent: Friday, September 17, 2021 5:32 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let the starship fly

From: [REDACTED]
Sent: Friday, September 17, 2021 3:21 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a US citizen I push for our nation to lead in high profile areas such as space travel. Space X is creating jobs, growing/birthing new industrial sectors, breaking stagnation and generating a breeding ground for innovators and innovations. At the same time our Government should be a leader in protecting our environment, as we only have one and cannot survive without it in its present condition. I approve of a case by case tiered permitting. This will allow for maximum rapid prototyping and development. Space X and Mr. Musk, I believe, are committed green and will offset any negative environmental impacts with equal or greater positives. Thank you, Jon Hagopian Apex NC.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Isn't it easier to use some common sense, rather than always chase litigation on all levels. Surely it's time to realise that most of it is about stopping progress. From my simple mind it appears that most things that impinge on someone else's way of increasing their wealth meets with all of this bureaucratic nonsense. What in the world has a few small burned up pieces of steel or other materials going to do to substantially add to the amount of junk that is already being disposed of in some unfavourable way in the world at this time. In fact from my thoughts it appears to me that Space X is also going to clean up the amount of junk in orbit with these ships. It's very shortsighted trying to stop this advancement probably because some billionaire clogs up the legal system and progress with yet another complaint based on spurious legality. Good grief, I only have about a max ten years left on earth, in my 75 years, 53 years as a Civil Engineer, I have seen incredible advances in all areas of technology and I would hate to see the advancements that Space X are making to be stifled. It wasn't many years before I was born that even flight was a pie in the sky dream. Kind Regards, John Hollioake MIEAust

From: [REDACTED]
Sent: Friday, September 17, 2021 3:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is changing the way we get to see the world, universe in all it's glory. Please take in to account they've done everything with transparency beyond any other company that I've known of in my 52 years as a citizen of the United States of America, we as a nation should be especially proud of what they are doing for the rest of humanity. SpaceX and Elon Musk are way ahead of their time, they are Rocket Masters! Their track record speaks for it self. Sincerely, Paul Anthony Donahue

From: [REDACTED]
Sent: Friday, September 17, 2021 3:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support SpaceX Starship and Super Heavy program. I encourage the FAA to approve the environmental review as soon as possible. I like that SpaceX moves with a sense of urgency and encourage the FAA to do the same.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:37 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think that the work SpaceX is doing in Boca Chica is critical to the USA being at the forefront of of space exploration, travel, manufacture, and technology. I wholeheartedly support all the work they do and would like to see them continue to progress at this site.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a human that realizes as a species we must be multi planetary . It only makes sense to start that process as soon as possible. Mr Elon musk has proven his worth in imovatoon and forward thinking time and again since the start up of spacex as well as his efficiency as compared to backward thinking government agencies such as Nasa and the FAA . Not trying to be insulting nor rude but please cut the bureaucratic crybaby red tape and allow the man to live up to the potential we need to get the future we deserve before its too late ! Yours truly Jerry James lane and millions of other people across the globe that have the sense to critically think and make decisions based on information available . We have to launch in order to perfect and advance space travel not for millionaires to play astronaut but to advance our species .

From: [REDACTED]
Sent: Friday, September 17, 2021 5:45 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support SpaceX's proposals.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:38 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, I have been following developments of Starship/SuperHeavy for over two years now and it has reinvigorated my passion and interests in space and physics. I believe what the program has the potential to redefine humanities futures while encouraging the developing of support technologies that will be beneficial to life on Mars as well as helping us solve our own environmental problems here on Earth. The Starship/Superheavy program will also significantly benefit our national interests: 1. Assured access to space. 2. Strategic interests on the Moon and Mars. 3. Rapid transportation of national assets to most places on Earth. 4. Protect against China doing on the moon what they are doing in the South China Sea, should they establish a moon base first. In summary, please approve this EA to help propel humanity into the future. Sincerely, Alex Fancy

From: [REDACTED]
Sent: Friday, September 17, 2021 2:44 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

For science and to maximise the chance of a greater future for humanity, keep up the stellar work. I humbly thank all parties involved in this process for inspiring the next generation, and bringing the spark back to space travel.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA officer, I am a student in Penn State University. I read through the review posted regarding spacex superheavy and starship project. I think it is totally reasonable to let spacex conduct their testing of the rockets. Spacex has already successfully landed starship sn15 during it's test flight. Plus, they also have experience producing several most successful reusable rockets in the world. Thus, please consider granting them the permission to enable the test flight of the rockets. Making human multi-planetry is a collective effort. I will be thrilled if I can see that happen in the rest of my life! Best, Daniel

From: [REDACTED]
Sent: Friday, September 17, 2021 3:26 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hola! Saludos desde Argentina! Solo quiero decir que muchos aquí en mi país estamos muy emocionados por la gran revelación tecnología que Elon y SpaceX están desarrollando. Ser una especie multi planetaria esta a la vuelta de la esquina y no debemos interponernos. En el futuro podremos llevar la industria al espacio e inclusive la minería, así evitar daños en nuestra madre tierra. La humanidad nuevamente esta de pie mirando con entusiasmo la nueva carrera espacial y esta vez lograremos lo que antes creíamos imposible. Dejemos a todas las empresas del mundo que desarrollen la tecnología que nos lleva al nuevo futuro!

From: [REDACTED]
Sent: Friday, September 17, 2021 5:49 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Give Space X their license. We should not delay humanity's place amongst the stars. China is quickly becoming a powerful space faring nation. Super heavy will help maintain US superiority in space

From: [REDACTED]
Sent: Friday, September 17, 2021 3:27 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I approve wholeheartedly of what SpaceX is doing in Boca Chica. I have watched their progress EVERY single day for the last 2 years, and in that time they have taken precautions that they didn't have to, to insure the surrounding area. I believe that SpaceX has the best interests of the United States, the environment, and the American public in mind as they build this space launch complex.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:51 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support allowing SPaceX launches with a mitigated FONSI. For example prohibiting launches when sea turtles are coming ashore or when they are hatching. Other impacts seem minimal. Douglas MacNeil Westfield, NJ

From: [REDACTED]
Sent: Friday, September 17, 2021 3:27 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let them launch. This is bigger than all of us.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:52 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Federal Aviation Administration, I am writing because I am heavily motivated by a sense of progress and advancement in human spaceflight for our country. As a 29 year old living in America, I have high expectations for efforts to make spaceflight a more common occurrence. It's lost on many that we are living in the 3rd decade of the 21st century. My generation has seen rate of progress slide in a downward trend. Approval of this proposal would help turn that trend in the other direction. The only way to make spaceflight commonplace is to test the technology on a much more common and routine cadence. Hope to hear more from others that share the same expectations and goals. Best, William Blaney

From: [REDACTED]
Sent: Friday, September 17, 2021 3:28 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The importance of the development of Super Heavy and Starship cannot be understated. Getting humanity reliably to the moon and Mars is an important goal and one that should have the full support of the federal government. Not to mention perfecting reusable rockets will greatly reduce the price to get humans, cargo and satellites off of earth. I believe any potential environmental damage to the Boca Chica area would be far outweighed by the good that Starship represents for all of humanity. Derek Fulcher MD

From: [REDACTED]
Sent: Friday, September 17, 2021 5:53 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello! I just wanted to write in with my support for SpaceX and their programs in TX. It seems like everything these days is polarizing. We live in a polarizing word in a polarizing time. It is difficult to be motivated these days and many people are looking to the past and future to gain some hope. I was too young to be a part of the Space Race and seeing the moon landing, but from what I was taught and saw, these events brought together nations and the world. This has been missing for decades minus tragedies (9/11) and small events (sporting events, politics). I want to live in a world that has potential. Problems are solved and humanity is working on solutions that help all of mankind. Space exploration and expanding our ability to travel the cosmos is a possibility in our lifetimes... if we support it and do not tie it up in political red tape or have groups with ulterior motives making it harder. I fully support SpaceX's growth and future missions. Please be involved and help give direction (safety, regulations, etc), but please do not become one of the organizations that stands in the way of progress. Thank you for your time and for also doing your diligence. Humanity thanks you in advance.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:30 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Colonize Mars is the Model Unite Humanity is the outcome.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it concerns, I wish to voice my support for SpaceX's proposed spaceflight activities in Boca Chica. SpaceX has a proven track-record of providing innovative and exceptional capability to the US, at a breakneck speed and low cost. NASA has chosen Starship as a critical component of America's return to the lunar surface with the HLS award, for which the rapid development and testing in Boca Chica is crucial. I've been completely satisfied with SpaceX's efforts to contain debris, clean up after a flight termination or RUD, and care for local wildlife. And I believe the impact to residents caused by additional road/beach closures is minuscule compared to the economic value SpaceX has provided the region by creating thousands of jobs and inspiring thousands more tourists to visit Boca Chica and support local businesses. -Nathan Price

From: [REDACTED]
Sent: Friday, September 17, 2021 5:57 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, I fully support this program. Dan Hornbeck

From: [REDACTED]
Sent: Friday, September 17, 2021 6:00 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please approve the launch license for Starship and super heavy. Please also approve the launch facility in Boca Chica, Starbase Texas. If humans are ever going to explore different planets and live on other celestial bodies other than Earth, this vehicle and this facility is the first stepping stones to do so. Please do not hinder our species best shot at getting to Mars and eventually building colonies on other planets and moons by denying this spectacular spaceship, launch booster, and launch facility the opportunity and chance to do so. Respectfully,
Dustin Jennings

From: [REDACTED]
Sent: Friday, September 17, 2021 3:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The FAA has an opportunity to enable the advancement of the human species. The work underway by SpaceX with its entire program and specifically Star Ship and Super Heavy, will create new opportunities for the advancement of human kind. To literally answer questions which we don't yet have the understanding to ask. Please support this effort and it's positive impact in humanity

From: [REDACTED]
Sent: Friday, September 17, 2021 3:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in support of the expansion of the SpaceX Starbase facilities and continuance of the starship/super heavy launches. This is a critical step to reducing cost and long term environmental damages from other non efficient rocket products. Starship/super heavy have the ability and prospect to expand the reach of our civilization to space more than what was provided by the Apollo era. Thank you Garion Wheeler

From: [REDACTED]
Sent: Friday, September 17, 2021 6:01 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern: I enthusiastically endorse this plan and strongly encourage you to fully support SpaceX's stated goals at Boca Chica! Sincerely, Nicholas Kadrlik

From: [REDACTED]
Sent: Friday, September 17, 2021 3:36 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Give Space X their license. We should not delay humanity's place amongst the stars. China is quickly becoming a powerful space faring nation. Super heavy will help maintain US superiority in space

From: [REDACTED]
Sent: Friday, September 17, 2021 4:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let them launch! We are extremely lucky to have spaceX working towards becoming a multi planetary species. The rate of progress and innovation is incredible and deserves praise. All the technological advancements will trickle down to every day life here on earth as well. I am rooting for SpaceX and can't wait to see the first orbital starship launch!

From: [REDACTED]
Sent: Friday, September 17, 2021 2:45 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I wish to comment on the planned coming launch of SpaceX Starship/Superheavy vehicle from Starbase, Boca Chica, Texas. This launch is very important to people of the United States for advancement of space access and advancement of human space exploration. Achievement of a fully reusable and affordable vehicle that can place large cargos in to orbit is necessary for our advancement in space. Much research, engineering and trials has resulted with such a vehicle. Time is of the essence as a way to achieve advancement is important and should not be impeaded. I hope all government agencies will see this need and cooperate with this important goal. Sincerely, Philip Moyers

From: [REDACTED]
Sent: Friday, September 17, 2021 6:21 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX will take us to the Moon and Mars. They are operating with very high safety margins even though that doesn't imply zero failures. I believe it's vital to allow them to continue to lead and to achieve these goals. I fully support their projects including launching Superheavies and Starships to achieve these goals.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I express my support to SpaceX's proposal

From: [REDACTED]
Sent: Friday, September 17, 2021 6:22 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would like to comment in support of SpaceX's Starship/Super Heavy program in Boca Chica, Texas. I was happy to read in the assessment that for the majority of environmental categories there is no significant impact and that the few points of concern can be mitigated. Not only has the program been inspiring to follow for many, but the success of the program will have real impacts on improving accessibility to space, enabling further advancements to science, technology and human exploration while also reducing the cost of these activities to tax payers for government missions. There are few places in the world as ideally suited as Boca Chica to support a space launch facility. This opportunity should be taken. The road and beach closures resulting from space flight activities will help to reduce the impact of human activity on the local wildlife and the presence of the launch site will ensure that the surrounding land is never developed and left in its natural state. As we've seen with Kennedy Space Center and Vandenberg Space Force Base, a launch facility and wildlife can coexist and thrive together.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear Sir/Madam, As a nation, we are at the dawn of a new frontier and we have the opportunity to create an amazing and hopeful future for all Americans by allowing for SpaceX to move forward on all Starbase activities including all Starship/Superheavy launches both supporting the NASA Return to the Moon and America's return to deep space. But more than that, we need to once again lead the world in space technology and the Starbase in Boca Chica will give us that gateway to interplanetary travel that will build a better future for all Americans and all people of Earth. Please approve all applications both now and in the future for SpaceX and its endeavors in the matter of the Starbase, Starship and Superheavy operations. Thank you for your time, John McClure

From: [REDACTED]
Sent: Friday, September 17, 2021 6:33 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

There is no greater engineering project going on in the world right now. This project will make ever American proud again.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:43 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support space x in their pursuit of the advancement of human space travel, the United States space infrastructure, and the longevity of the humanity as a whole. Space x has done more than anyone since the 60s to excite and revitalize the faith and knowledge that, space is a destination and our destiny.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:34 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is doing the most inspiring work of any company in the world to further the human reach beyond the earth. Many countries see this and now look to America now for inspiration. They achieved what was said to be impossible! They deserve all our support to continue this work. Please support them in any way you can.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:43 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Starship program is not only great for the furthering of man kind is also a huge employer for the greater Brownsville area i believe that the faa should do its upmost to help with the progress of starship development and give permission for its first orbital launch as soon as possible and continued support and cooperation with spacex in boca chica!

From: [REDACTED]
Sent: Friday, September 17, 2021 6:36 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hi FAA, Starship development is one of the most inspiring and important pieces of innovation coming out of the USA today. Stopping this development would not only stunt human development but also give our national adversaries an advantage in the single most important industry of the next 50 years. If avian habitats are in danger, then charge SpaceX to relocate and improve those habitats. They have the funds to handle this responsibly. If they're not open to it, then charge them in exchange for launch authorization. While the short term environmental calculus might nudge you towards pausing development, the long term view is far more stark. Other super powers care less about the environment and about disadvantaged people or animal species. We must maintain our place in space to maintain our place of defending the environment here on Earth. This Earth is headed towards catastrophe. We can't unify around an obvious value to us all, because humans don't unite for something - they unify against something. We must find a world beyond Earth for Earth to unite. This review is the first step.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, Please allow SpaceX. To continue their work in Boca Chica . This is one of the most important projects of our time. I am sure they will follow any guidelines that are put in place to protect the local environment. Thank you Paul Weiler

From: [REDACTED]
Sent: Friday, September 17, 2021 6:41 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow SpaceX to continue forward with finding new ways to protect the environment through their innovative technology.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'm writing to encourage the FAA to allow SpaceX to operate Starship and Super Heavy at the Boca Chica site with as little interference as possible. After reviewing the PEA, it's clear that SpaceX is going out of its way to ameliorate its environmental impact and ensure the safety of the public. Moreover, a limitation of five launches per year is inadequate for our nation's future in space. Thank you for your consideration, Sincerely, Rev. Theodore (Ted) Carnahan

From: [REDACTED]
Sent: Friday, September 17, 2021 6:49 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please approve spacex to continue with starship and Superheavy operations. They are making huge leaps for human kind and we need that to spread consciences to other planets.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concerns, My name is Marco Boucher and I fully support SpaceX's Starship/Super Heavy project to the Moon, Mars and beyond. Space innovation will ultimately help humanity improve in many fields such as medical, science, environmental, etc. The research and development that will be enabled by SpaceX's missions is unprecedented and a giant leap for humanity. Thank you for reading this, Marco

From: [REDACTED]
Sent: Friday, September 17, 2021 2:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, Enviromental and safety measures are of the highest importance, and so I congratulate your work, contribution to both. However, what SpaceX is trying to achieve, I believe it justifies whatever is going on at Boca Chica TX. It seems to be crucial for mankind's future. SpaceX is moving at great speed and I would like you to help them achieve the goal, faster, safer : make humanity multiplanetary. Thank you for even reading this. Regards, Chris Matsoukas.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am okay with spacex

From: [REDACTED]
Sent: Friday, September 17, 2021 6:51 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpeceX is following in the steps of NASA, some of the more protected and successful wildlife reserves are around the NASA launch sites. I see no reason why SpaceX shouldn't;t follow this model despite the noise of spacecraft launches. Also, the significance to the world of what SpaceX is doing at this site should be taken into consideration. Regards Tony Searle

From: [REDACTED]
Sent: Friday, September 17, 2021 6:57 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, Thank you for this opportunity to comment on the SpaceX Starship project in Boca Chica, Texas. I wanted you to know that I wholeheartedly support what Mr. Musk is doing in terms of his Starship project, which will not only support NASA's return to the moon but also myriad other good projects for humankind, including hopefully making us a multiplanetary species. Please grant SpaceX the launch license they need to start this wondrous project. Sincerely, John Blair Brooklyn, Michigan

From: [REDACTED]
Sent: Friday, September 17, 2021 7:02 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Mr. Musk through his work ethic, intelligence, foresight, planning, and leadership could possibly be the only person in the world who could inspire a team of engineers, rocket scientists, construction workers, logistic people, etc. (i.e. SpaceX) to get our human species to become multiplanetary. The FAA should allow him and SpaceX the utmost leeway in this endeavor to not slow down their progress. Any red tape could mean the difference between goal accomplishment and failure. Even a delay long enough to allow an Asteroid or some other extinction event to occur may mean the difference between the survival of human beings or their (our) extinction. SpaceX has proven that they are a very cautious and safe organization even though they move quickly and innovate at breakneck speeds. I live in Corpus Christi, TX and I can truly say that some rocket noise, some disturbed birds or sea turtles, or a local not being able to go fishing on a 2 or 3 mile stretch of beach is a very microscopic price to pay when compared to making humanity multiplanetary or allowing humanity to benefit from truly worldwide high speed internet through SpaceX's Starlink project. Please allow SpaceX and Elon to do these mind-blowing missions/services for us!!!!

From: [REDACTED]
Sent: Friday, September 17, 2021 4:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

In my opinion the FAA needs to step aside and allow the professionals at spacex advance humanity. Let's be real here. There is very little environmental impact. Get out of the way and let humanity move to the stars. For your information I have contacted my senator and voiced my support for spacex. I find it offensive that the FAA is slowing down the progress of making human life multi planetary. The world is watching. You will be judged.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX go for launch...

From: [REDACTED]
Sent: Friday, September 17, 2021 2:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The FAA has a duty to require SpaceX to protect ESA-listed animals with critical habitats, namely Piping Plovers. Without restrictions and mechanisms to ensure compliance, SpaceX will surely exceed repairable harms to these irreplaceable birds, given previous actions have consistently exceeded the bounds of their permits. Oversight is critical here, and SpaceX must protect this critical national resource, else it face consequences. Protect the Piping Plovers.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let them fly. We need to be a space fairing civilization.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Starship in Boca Chica is this century's Wright brothers in Dayton Ohio: essential to the development of low-cost, routine access to space. THANK YOU FAA for your contributions to the safe conduct of Starship tests thus far, and please be as flexible as possible as bringing this new planetary technology to fruition. Jim Hartley Frederick, MD 21702

From: [REDACTED]
Sent: Friday, September 17, 2021 4:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support the proposed development of the SpaceX Boca Chica launch facility. In the interest of the betterment of this country, SpaceX should be allowed to develop as needed per FAA regulations In Boca Chica Texas.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:52 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in favor of allowing SpaceX to launch the Starship with heavy booster.

From: AaronKeane <[REDACTED]>
Sent: Friday, September 17, 2021 2:55 PM
To: SpaceXBocaChica
Subject: I am sharing 'Draft_PEA_for_SpaceX_Starship_Super_Heavy_at_Boca_Chica' with you
Attachments: Draft_PEA_for_SpaceX_Starship_Super_Heavy_at_Boca_Chica.pdf

Categories: Purple Category

I highly support Elon Musk and Space Exploration Technologies(SpaceX), and I think what they are doing is very important for our future. And will help the future of humanity. They are doing amazing work, keep up the good work Elon Musk and the SpaceX team.

Best wishes

Aaron

From: [REDACTED]
Sent: Friday, September 17, 2021 3:01 PM
To: SpaceXBocaChica
Subject: I Support SpaceX in re PEA

Categories: Purple Category

To: Ms. Stacey Zee
SpaceX PEA, c/o ICF
9300 Lee Highway
Fairfax, VA 22031

Dear Ms. Zee –

I believe SpaceX's work is vital to America's national interest and benefits all humanity. Moreover, SpaceX consistently displays high environmental responsibility.

Please approve SpaceX's environmental assessment without delay so this important work may continue.

Sincerely,

Daniel Menken
[REDACTED]

From: Rand Harper <[REDACTED]>
Sent: Friday, September 17, 2021 3:15 PM
To: SpaceXBocaChica
Subject: I support SpaceX Starship Super Heavy Project

Categories: Purple Category

To whom it may concern,

I am in support of the SpaceX Starship Super Heavy Project at the Boca Chica Launch Site. Space X has demonstrated a commitment to the environment and human welfare. The mission of Space X gives me hope and makes me proud to be an American. We need to support innovation and exploration.

Thank you,
Rand M. Harper

Ph. + [REDACTED]
[REDACTED]

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From: Emmet Tydings <[REDACTED]>
Sent: Friday, September 17, 2021 6:07 PM
To: SpaceXBocaChica
Subject: I support the SpaceX Boca Chica project

Categories: Green Category

As a former member of The Planetary Society and the National Space Society I support the SpaceX Boca Chica project wholeheartedly.

Best Regards,

Emmet Tydings
AB&T Telecom
[REDACTED]

Sent from my Samsung Galaxy smartphone. Please excuse spelling and grammar errors.

From: Dan Elton <[REDACTED]>
Sent: Friday, September 17, 2021 2:53 PM
To: SpaceXBocaChica
Subject: I would like to subscribe to the mailing list

Categories: Purple Category

Hi,

I am a concerned citizen concerned about the way FAA is making things unnecessarily difficult for SpaceX just to do a few launches.

The 30 day waiting period should have started long ago!!

As a citizen and stakeholder in the success of spacex's mission to put people on Mars, I'd like to be updated on the public comment meeting etc

See my tweet thread for more:

<https://twitter.com/moreisdifferent/status/1438981152119926786?s=20>

Regards,

-- Dan

--

Dan Elton, Ph.D. (he/him)

[REDACTED]

From: Bilal Malik <[REDACTED]>
Sent: Friday, September 17, 2021 2:42 PM
To: SpaceXBocaChica
Subject: In support of SpaceX Starship/Super Heavy project, Boca Chica, Texas

Categories: Purple Category

To whom it may concern,
SpaceX Starship/Super Heavy project in Boca Chica, Texas, is clearly advancing and producing results years ahead of its industry peers, therefore we absolutely must ensure that their efforts are fairly acknowledged and that their path for continued advancement is kept clear.

Best Regards,
Bilal M Malik
[REDACTED]

From: [REDACTED]
Sent: Friday, September 17, 2021 5:02 PM
To: SpaceXBocaChica
Subject: Let's go to Mars

Categories: Green Category

Fully support this project. YOLO

Sent from ProtonMail mobile

From: Taylor Cantin <[REDACTED]>
Sent: Friday, September 17, 2021 5:23 PM
To: SpaceXBocaChica
Subject: My support to SpaceX Boca Chica

Categories: Green Category

I am a born and raised American. Growing up in view of launches from the Cape. Space is the only future for mankind. SpaceX has taken space from far away to closer then ever. Kids now have a real chance to visit mars in their future. We must do all we can to support them.

Thank you

Taylor

From: Adrian Auler <[REDACTED]>
Sent: Friday, September 17, 2021 5:49 PM
To: SpaceXBocaChica
Subject: One citizen's view of the FAA Environmental Impact Statement about the Boca Chica, Tx Starship research program

Categories: Green Category

To the relevant FAA personnel:

I am 72 and was fascinated by our space exploration program once Werner von Braun was put in charge of it and things began to develop. I was a week short of my 20th birthday when Apollo 11 launched, and I felt so proud to be an American.

I recall all the discussion about the spin-off benefits of our space program in those years. Since we lacked much of the technology required to launch a Moon rocket when President Kennedy said "we're going to the Moon by the end of the decade," we as a nation had to develop many new applications of existing technology and, especially, develop entirely new technologies to accomplish this. It was quite miraculous what we, as a people, accomplished in barely a decade. As a result, unemployment was at historic lows and a "can-do" attitude prevailed. Additionally, many products developed for the space program made their way into mainstream society like Tang, a breakfast drink that enjoyed a decade or so of popularity, and many technological developments which have become a commonplace since then; these were often pointed out to us by Walter Cronkite, whose word was accepted as gospel by most (different times, eh?).

These comments are meant to point out that reviving the spirit of exploration, an intangible, can have a wide array of benefits including a serious boost to the economy and the appearance of a plethora of technological developments and improvements. Also, SpaceX employs a large and growing number of American citizens and looks to employ more as SpaceX expands to accommodate Elon Musk's vision. All this while they're still in the developmental stage; what to speak of what will come when Starships, which are capable of carrying much larger loads than any previous space vehicle, are able to achieve orbit regularly.

Of course, protection of the environment is very important, as well as accommodating the safety and well-being of the local human community. But it seems to me that SpaceX has already chosen a low population density location and has voluntarily made some accommodations for both, already, within the parameters of having to accommodate a large workforce, virtually all of whom have travelled a long distance to work there. From watching reports of developments in Boca Chica and listening to Elon Musk's comments, it seems to me that this research and development organization is reasonably open to making adjustments as needed according to the local authorities, so I would assume that they are also cooperating with the FAA so far as is reasonable. Let us bear in mind that Cape Canaveral is also situated next to the sea and many beaches.

I think that forcing SpaceX to tear down the tower, for instance, would count as cruel and unusual punishment and would represent a serious setback, not only our space program (as represented by NASA) but to our society in general. I ask that the FAA seek to streamline their process of examination and guidance in order to make certain necessities clear and reasonable to and for SpaceX. We are fortunate to have Elon and SpaceX in the U.S., which gives us the lead over the whole world in space exploration.

Thank you for your attention,

Adrian Auler

From: Paul Danek <[REDACTED]>
Sent: Friday, September 17, 2021 6:04 PM
To: SpaceXBocaChica
Subject: Our future

Categories: Green Category

Please let SpaceX secure our future, so we have something to look forward to..

Thank you.

Pavel Danek

From: Nathan Brassard <[REDACTED]>
Sent: Friday, September 17, 2021 6:26 PM
To: SpaceXBocaChica
Subject: Our Support for Humanity

Categories: Green Category

I'm a proud American. I grew up in the age of the space shuttle with America as pioneers to life changing technology and science. Space has brought us tools for aviation (GPS), and tools to study and increase awareness of our environment (weather satellites), just to name a couple.

We are now entering an era where American breakthroughs are again leading the world. Now it is brining the internet and education to the unserved areas of he world and the countries where information has been controlled. Education and communication for humanity are just two of the things SpaceX has started to deliver. And they are doing it with reusable rockets! Something that wasn't done until this millennium.

I'm proud to see Starbase not only build on the legacy of Kennedy Space Center, but to build new possibilities for humanity with space travel to Mars.

What side of history should we be on? I choose to be on the side of humanity being multiplanitary. I choose Boca Chica as the center of this journey. I support SpaceX in their mission in the USA as they lead the world toward Mars.

If someone's got a better idea, please stand up. Until someone does, Starbase is the answer.

Thank you,
Nathan Brassard

From: Diyan Zlatev <[REDACTED]>
Sent: Friday, September 17, 2021 6:00 PM
To: SpaceXBocaChica
Subject: PEA comment.

Categories: Green Category

Hello Ms. Stacey Zee,

Please, approve the continual development and use of the SpaceX facilities at Boca Chica.

I read the Programmatic Environmental Assessment published today. While I agree that all possible manners of impact should be considered and addressed, I do believe that what SpaceX is doing, they are doing on behalf of humanity as a whole and that it is our collective duty to enable and support these activities. Currently, very few organizations are considering the dangers to our planet from space-based threats (asteroids, radiation bursts, etc). Even fewer organizations are making concrete steps to address space-threats in any meaningful way. SpaceX is one of them. SpaceX is our plan 'B'. Their success is our success.

Space launches should follow a similar system to the one adopted for airplane flights. Multiple daily orbital and interplanetary launches should be possible and encouraged, by the regulatory framework. Without this, the weight of our bureaucracy will keep us down here, on a planet that we are not doing a very good job of caring for.

Please, approve SpaceX activities at Boca Chica to proceed at full pace.

Thank you,

diyan.

From: 01010010 01100001 <[REDACTED]>
Sent: Friday, September 17, 2021 5:10 PM
To: SpaceXBocaChica
Subject: PEA Draft Public Comment

Categories: Green Category

Hello, I have some thoughts regarding the PEA draft, with a couple of concerns regarding launch cadence and operational transparency.

The first being from Section 2.1.3.4 **Orbital Launches** - "*SpaceX would not exceed five Starship/Super Heavy orbital launches annually.*" This is concerning to me because it also stated that potential mission profiles would include the "*possibility of future human flight to the moon and Mars.*" 5 launches per year is too limited for this to be accomplished, various sources have stated that it could take between 8-14 launches to deliver humans to the lunar surface. If the goal of deep space missions is to be realized, a higher maximum flight rate must be allowed. I do not know how this number was determined, but max road closure hours and max launch cadence must be increased, especially for the "Operational Phase" of Annual Operations from **Table 2-2**

The second concern is operational transparency, while it is understandable that SpaceX has the right to decide what it divulges publicly, additional information should be more accessible to the public regarding testing and risk assessments. The public has been left in the dark on what the planned roadmap of development is for the testing programs. Rather than relying on unreliable sources on social media, it would be far more efficient to have an official outlet regularly updating the planned future operation. From Page 16 "*SpaceX estimates a 10 percent rate of anomalies during tank testing.*" this sort of information should be made public, even if accuracy cannot be assured for the awareness of the public. Some systems already exist such as the Cameron County real-time updates on Boca Chica Closures at the number 1-877-591-2152. A more consolidated system that includes more information would improve public awareness.

I am suggesting that SpaceX be required to share key information regarding testing on a regular basis, including risk assessments and planned testing milestones. (Timeline/schedule not required)

Thank you for reading my feedback, I am honored to have my opinion considered for such an important development, and hope for a speedy conclusion to this analysis.

From: Andrew Wallis <[REDACTED]>
Sent: Friday, September 17, 2021 4:41 PM
To: SpaceXBocaChica
Subject: Please Allow Continued Development At Boca Chica

Categories: Green Category

Dear FAA and other coordinating agencies,

Having read the draft EIR, I think SpaceX should be allowed to move ahead with their plans as quickly as possible. The economic growth and the potential to advance society far outweigh any potential drawbacks.

Thank you!

Andrew Wallis
Whittier, CA

From: Daniel Kokotajlo <[REDACTED]>
Sent: Friday, September 17, 2021 5:12 PM
To: SpaceXBocaChica
Subject: Please approve SpaceX proposal quickly

Categories: Green Category

To whom it may concern,

SpaceX is, against all odds, accomplishing their goal of lowering the cost to orbit by three orders of magnitude and enabling humanity to become a multi-planetary species. (The Falcon family has already done one OOM, Starship promises to do two more.) Words cannot express how inspiring, and how important, this is.

The environment around Boca Chica is important as well, but not *that* important. It's not like Yosemite or anything. Plenty of airports, highways, and other random unimportant developments routinely destroy bits of environment that are just as important as the area around Boca Chica. So it would be an injustice to let that continue while denying SpaceX their chance... even in a scenario where SpaceX was utterly wrecking the local environment. Which they aren't; if anything, the noise and danger from routine superheavy launches will keep humans away from the area, thereby helping to keep it in its pristine natural state!

Sincerely,
Daniel Kokotajlo

From: Ali Ceylan <[REDACTED]>
Sent: Friday, September 17, 2021 3:44 PM
To: SpaceXBocaChica
Subject: Positive public comment for SpaceX Starship

Categories: Purple Category

I've been following SpaceX' Starship development in Boca Chica almost weekly.
This project brings me joy and be proud of American "can do " attitude. Nobody is trying as hard SpaceX.

I look forward to FAA's approval of SpaceX' Starship/Super Heavy project.

Regards

Ali Ceylan
Boca Raton, Florida

From: Sara Marriott <[REDACTED]>
Sent: Friday, September 17, 2021 3:31 PM
To: SpaceXBocaChica
Subject: Public Comment

Categories: Purple Category

I am a coastal and marine policy expert who lives on the Gulf Coast. I would like to recommend some additions to the planned mitigation.

1) While the proposal mentions that it will coordinate with the USACOE to implement the "no net loss" policy for wetlands, I would encourage them to go a step further and provide adequate baseline surveys of the wetland ecosystem prior to construction so that representative wetland can be created for mitigation. Quality wetland replacement is lacking and necessary.

2) I think the Climate impacts are misleading. Emissions for a singular entity should not be compared to the annual emissions of the entire country to indicate impact. If we did that, no one would have a significant impact on emissions, yet as a collective we do. I recommend inclusion of climate mitigation practices in the EA. I see in the proposal that they want to build a solar farm, understanding the offset in carbon emissions there would be beneficial for the EA. Additionally, providing other carbon offset practices would improve this proposal.

If these two factors are addressed, SpaceX has my full support.

Sara Marriott
Ocean Springs, MS, 39564

From: Kevin Williams <[REDACTED]>
Sent: Friday, September 17, 2021 6:26 PM
To: SpaceXBocaChica
Subject: Public Comment for SpaceX DPEA

Categories: Green Category

Hi, my name is Kevin Williams. I've been following the SpaceX Launches for over a year and the continued development, testing, and launches have been incredibly inspirational to my entire family and community. As a country, we need to be thinking long term, especially as other major countries begin rapidly catch up to our technological capabilities, and SpaceX's next generation of spacecrafts and SpadeX's mission of making life multi-planetary is one that aligns with a brighter future for America. SpaceX simply must be allowed to push forward. Thank you so much for giving the public a chance to comment.

Sincerely,
Kevin Williams

From: Christopher Lundh <[REDACTED]>
Sent: Friday, September 17, 2021 2:46 PM
To: SpaceXBocaChica
Subject: Public Comment

Categories: Purple Category

Hello,

I would like to add a public comment regarding the draft PEA for SpaceX / Starship in Boca Chica, Texas. I am not in any way affiliated with the aerospace industry or SpaceX, however I am a strong supporter of continued innovation and development of space technologies. I firmly believe that the mission of SpaceX and the Starship program - making a completely reusable space launch system - is vital to the future of our nation and our species.

This site is situated in an ideal location for space launches from the US. Boca Chica is unique in that it offers an extreme southerly location which is beneficial for the launch itself, but also that it is relatively sparsely populated in this area as well. I don't believe there is a comparable location anywhere else in the continental US considering the population density in southern Florida (the only other comparable latitude).

Please authorize SpaceX to be able to continue developing Starship.

Christopher Lundh
[REDACTED]

From: Rolf Markus Kocher <[REDACTED]>
Sent: Friday, September 17, 2021 3:00 PM
To: SpaceXBocaChica
Subject: Public comment: humanity's future on the moon, Mars & beyond

Categories: Purple Category

Ms. Stacey Zee, SpaceX PEA, c/o ICF, 9300 Lee Highway, Fairfax, VA 22031.

Dear Ms. Zee

I support the efforts of SpaceX to bring humanity to the moon and also to Mars and install a self sustainable colony. There are known and also unknown threads to the existence of humanity, global climate change, decoupling fading workload and funds/income, unprecedented influence of AI to name some few.

Humanity has evolved so far mostly driven by shortages and conflicts, and the sheer will to survive, and always there was luck involved to continue human life on Earth.

The environmental and technological effects are not local anymore, they become more and more global. The opportunities don't keep up, the choices humanity has to react and preserve ourselves become less. There are enough indicators that show the urgency, the speed of known threads is accelerating. The window to react is already very small, the necessary preparation for every aspect to make humanity independent on just Earth takes very long. It is also dependent on the periodic constellation of Earth towards Mars. Necessary improvements and inevitable failures will need time to analyze, improvements and important redundant steps on the path will demand time to accomplish this mission as a whole.

We are in the very lucky position now, and only now, to have an entity to accomplish this mission. SpaceX with Mr. Elon Musk is obviously the only entity that will have the resources, the foresight, the ability to build up the necessary knowledge and the inner energy to drive towards and accomplish this mission.

Humanity will not have a second shot on this.

I am certain, the government of the United States and the FAA will find ways to approve and support the necessary steps for SpaceX to achieve these goals in the very narrow time window that humanity has.

The alternative is that bureaucracy is eating the exceptionally rare but existing opportunities up, which is in literally no one's interest. Every true environmentalist will embrace the common force to make humanity multiplanetary and avoid this horrible alternative, or be demasked as a false environmentalist.

Thank you for passing this opinion along to the involved authorities for consideration.
Rolf M. Kocher

From: Tri Ramadani P <[REDACTED]>
Sent: Friday, September 17, 2021 6:06 PM
To: SpaceXBocaChica
Subject: Public hearing

Categories: Green Category

As a space explorations fan, i would like to tell something about that. The Starship program is really inspiring for most of us, this will be the next step of space explorations, as a person who joined this amazing community when the pandemic hit, i am really looking forward to what will Starship bring to us in the future. When the Starship suborbital campaign in 2020 and early 2021 literally all the time i felt like in Boca Chica watching this program through my screen, makes my 2020 alive thanks to this program. I hope the FAA should really fully support this program, hopefully environmental assessment will end soon and give a green light to orbital launch. As a person who lives far from America, really looking forward for exciting time in the near future. Thank you. Go Starship!!!!

From: spacex_sciencey_timez <[REDACTED]>
Sent: Friday, September 17, 2021 5:43 PM
To: SpaceXBocaChica
Subject: public voice

Categories: Green Category

sending my support towards spaceX starship operations in bocachica area.

From: Josh G <[REDACTED]>
Sent: Friday, September 17, 2021 2:50 PM
To: SpaceXBocaChica
Subject: Re. Draft Programmatic Environmental Assessment for SpaceX

Categories: Purple Category

Hello,

SpaceX has proved to be a National Asset in the last 20 years. Especially in the last few years by providing the United States of America a means to travel to the International Space Station from American soil in an American rocket (Falcon 9 and Dragon space craft). I hope the FAA will consider the history of this company and its unwaivering intent on providing access to space not just for NASA, commercial satellites, but also United States Space Force missions. This next step, the Starship and Superheavy Booster, is critical to their mission and there is nobody else in the world capable of this program. Please let them move forward, it is in our Nation's best interest.

Thank you,

Josh Gray

From: Michael Corbett Hawkins <[REDACTED]>
Sent: Friday, September 17, 2021 4:48 PM
To: SpaceXBocaChica
Subject: Re: FAA Environmental Assessment

Categories: Green Category

To whom it may concern:

I fully support SpaceX's efforts in Boca Chica, Texas.

It is important that the FAA decide in favor of SpaceX, and its project Starship and Super Heavy launch vehicle. There is no one who is so aggressively making the effort to benefit mankind as a whole than Mr. Elon Musk. There would be really no effort being made to end humanity's addiction to fossil fuels, if it was not for this man. There would be no effort being made to insure the survival of humanity and its consciousness if it were not for SpaceX's single minded focus on creating a reusable launch vehicle and spaceship. Those who are attempting to negate these efforts, i.e. Amazon, Blue Origin, ULA, and Viasat, would want to keep their mediocre efforts a money machine to milk the American people of their hard earned money while not producing any content to their expressed corporate goals.

In terms of environmental impact, it should be considered that Mr. Musk's Tesla Motors is actually contributing to the effort to reverse Climate Change. Therefore it would be extremely strange if SpaceX did not hold to the same values in its treatment of the ecosystem of Boca Chica. I would consider it a failure of the FAA, and a manifestation of a Climate Change denial to do anything but facilitate SpaceX's efforts in Boca Chica, Texas.

Regards,

Michael B. Corbett
Retiree

From: Ben C <[REDACTED]>
Sent: Friday, September 17, 2021 2:53 PM
To: SpaceXBocaChica
Subject: Space x super heavy

Categories: Purple Category

Please let spacex fly their rockets.

Thank you,
Ben

From: Harry Brown <[REDACTED]>
Sent: Friday, September 17, 2021 2:54 PM
To: SpaceXBocaChica
Subject: SpaceX and Elon Musk

Categories: Purple Category

He is a low life grifter and his phony reputation is based on SpaceX which you need to do some digging to see he's a liar who will never go to Mars, never do anything that isn't based on government handouts and will ruin the environment not only around Boca Chica but also low earth orbit with all his loser internet satellites.

From: Luke Valenty <[REDACTED]>
Sent: Friday, September 17, 2021 5:14 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Environment Review Comments

Categories: Green Category

Hello!

I am utterly enthralled by the progress SpaceX has made since their founding. They have an incredible team of engineers, fabricators, and leaders showing the entire world how to properly go to space.

We should be so proud to be home to this incredible endeavor. Their efforts are a strategic investment in humanity's future and an inspiration for me and my children. I hope to see SpaceX given all appropriate latitudes to execute their plans and enable incredible new opportunities for humanity.

Thank you for reading my comment and have a great day!

-Luke

From: James Rix <[REDACTED]>
Sent: Friday, September 17, 2021 4:39 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica FAA environmental impact report

Categories: Green Category

The SpaceX Boca Chica Starbase facility and operations are well within acceptable limits for safety and environmental protection.

Starship and Super Heavy development is vital to U.S. national security and defense.

Starship and Super Heavy development is vital to NASA and future space exploration and discovery..

SpaceX and Starbase are important economic drivers for the local community which is financially depressed and needs the influx of revenue.

SpaceX is making world renowned advancements and progress to the future that the U.S. and the world will greatly benefit from.

SpaceX achievements and future accomplishments give hope and excitement to the country and the world at a time when we all desperately need hope and optimism for the future.

I fully support SpaceX approval and strongly encourage the FAA for its approval and make the world a better and more hopeful place.

James F. Rix
Springfield, OH

From: Michael Kluzinski <[REDACTED]>
Sent: Friday, September 17, 2021 5:35 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica launches

Categories: Green Category

Hi,

I'd like to quickly voice my support for launch operations by SpaceX in Boca Chica. The recent FAA report shows the amount of effort and support that SpaceX has gone to mitigate environmental harm from launch operations. SpaceX is prepared to work closely with Cameron County to support launches. SpaceX's work in Boca Chica is also vital to the HLS and they will also host many other vital private missions and NASA missions. Thanks for your time,

Michael Kluzinski

From: [REDACTED]
Sent: Friday, September 17, 2021 3:13 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica sites

Categories: Purple Category

SpaceX is innovating constantly and bringing good things to Texas, America, and the world. To put obstacles in their way hinders all mankind. Instead, let's get behind them and let's GET LAUNCHING! 🚀 🚀 🚀

From: Jay Schappacher <[REDACTED]>
Sent: Friday, September 17, 2021 2:34 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica support

Categories: Purple Category

I believe the starship program is a very positive addition to the boca chica area and for the general public. This program, SpaceX is pursuing, is inspiring to so many people and is super exciting! Starship will enable humans to become multi planetary. Also it will help make space more accessible for everyone! I believe the facility being built in Boca Chica will make the future of humanity better off than without!

Sent from my iPhone

From: Michael Liebow <[REDACTED]>
Sent: Friday, September 17, 2021 4:51 PM
To: SpaceXBocaChica
Subject: SpaceX draft PEA public comment

Categories: Green Category

FAA:

As a taxpayer, American citizen, and resident of Earth, I beg you to accelerate your process and moderate your bureaucracy to allow SpaceX to develop, test and launch Starship at Boca Chica with all due haste.

You are slowing down SpaceX progress and risking America's role in the 21st century.

It took America only 8 years to land a man on the moon with 1960s technology. The FAA needs to transform and change — to enable success today.

Regards,

Michael

Michael S. Liebow
m [REDACTED]
[REDACTED]

From: Michael Plotkin <[REDACTED]>
Sent: Friday, September 17, 2021 3:01 PM
To: SpaceXBocaChica
Subject: SpaceX environmental review comments

Categories: Purple Category

Dear Sir:

I would like to urge you to approve the application from SpaceX to allow them to launch their Starship and superheavy rockets from Boca Chica, Texas.

Thank you.
Michael and Erica Plotkin

From: RoLi G <[REDACTED]>
Sent: Friday, September 17, 2021 5:13 PM
To: SpaceXBocaChica
Subject: SpaceX in Boca Chica

Categories: Green Category

Support Elon Musk's projects to the moon and back!

Kind regards,
Dumitru-Liviu Burcioiu

From: Felix Schaefer <[REDACTED]>
Sent: Friday, September 17, 2021 3:10 PM
To: SpaceXBocaChica
Subject: SpaceX is so important!

Categories: Purple Category

Hello,

I think spaceX is very important for the progress of humanity. the success of spaceX gives us hope!
Starship will usher a new era!
kindly regards from Germany!
Felix Schaefer

[Gesendet von Yahoo Mail auf Android](#)

From: Byron Strickland <[REDACTED]>
Sent: Friday, September 17, 2021 5:12 PM
To: SpaceXBocaChica
Subject: SpaceX operations and launch of Starship at Boca Chica

Categories: Green Category

Let Them Fly.!!!

Byron Strickland

From: Andrew Goetsch <[REDACTED]>
Sent: Friday, September 17, 2021 3:27 PM
To: SpaceXBocaChica
Subject: SpaceX ops at Boca Chica.

Categories: Purple Category

I lived at 5 Esperson in Boca Chica for six years, 7/15 to 6/21.

During that time I walked through the refuge almost daily on both sides of the road, and along the length of the beach, observing and tracking wildlife. I also showed up on the south side of the launch site after static fires and launches, looking for negative effects. In all that time I never saw a single dead or injured animal after operations. I assume the venting and other noises scares birds and animals away from the vicinity before launches or engine fires.

The days the beach is closed for operations probably prevents more environmental damage than beachgoers would have caused during the same period. The one problem I've seen is animal deaths on the road from extra traffic. They seem to be more from tourists than employees.

There's a lot of pure nonsense out there about the effect of SpaceX on the wildlife refuge from people who have dedicated their lives to the cult of victimhood. I've wandered jungles on three continents, worked in animal sanctuaries and bow to no one in my concern for wild areas and the critters living there, but SpaceX is simply not a threat. I helped return about 1500 turtles to the Gulf after the freeze and the concern and efforts from those employees in rescuing and taking care of them impressed me greatly. If there's a way to mitigate any trouble they cause the untamed ones out there, I have no doubt they'll pursue it.

Their expansion area south of the present pad has never had any nesting areas that I've seen. Mullet beds are well away from that area and there was very little wildlife activity of any kind there before SpaceX showed up. Keeping out idiots who tear up the ground with trucks will probably do a lot of good for the surrounding area.

I didn't like losing the place I wanted to spend my retirement in, but I understand the world needs to move on.

Andrew Goetsch
[REDACTED]

From: Matthew Maddin <[REDACTED]>
Sent: Friday, September 17, 2021 3:08 PM
To: SpaceXBocaChica
Subject: SpaceX Starship - PEA - Comments

Categories: Purple Category

So many of our modern conveniences depend on our access outer space. GPS, internet access, weather forecasting / mitigation, advanced medical research, and defense—things that we all depend on. What's the impact on us losing these? What if we had slowed down space access in the past? What would modern life be like without them? What's the impact on slowing innovation today?

SpaceX has forever changed access to space. They've lowered the cost to orbit by a factor of ten and in the process re-secured the USA's leading role in space access and development.

SpaceX has achieved so much.

- The first privately funded liquid-propellant rocket to reach orbit (Falcon 1 in 2008)
- The first private company to successfully launch, orbit, and recover a spacecraft (Dragon in 2010)
- The first private company to send a spacecraft to the International Space Station (Dragon in 2012)
- The first vertical take-off and vertical propulsive landing for an orbital rocket (Falcon 9 in 2015)
- The first reuse of an orbital rocket (Falcon 9 in 2017)
- The first private company to send astronauts to orbit and to the International Space Station (SpaceX Crew Dragon Demo-2 in 2020)

Starship will be fully reusable and will have the highest payload capacity of any orbital rocket ever on its debut. The environmental impact is clear: make sure humanity has a backup in the worst-case scenario.

How many places are there left in the US to build this type of facility? There will always be an environmental cost to construction and operation—so the question is: do the benefits outweigh the costs? I think so. We've allowed larger environmental impacts for lesser causes.

They are the first and only company doing this. Don't stop them now. It's not the time to slow things down or over-regulate. It's the time to make these incredible talented and hardworking innovators efforts frictionless-- so they can make the world a better place. SpaceX is leading the way. SpaceX is inspiring billions around the world—encouraging the next generation into STEM fields. Can you imagine the possibilities now that America's entrepreneurial spirit has been ignited? Don't extinguish this flame. What kind of message do we want to be sending to the next generation America's (and the worlds) youth?

Don't hesitate to contact me if you need any more feedback.

Thank you,
Matthew

From: nadir qadir <[REDACTED]>
Sent: Friday, September 17, 2021 6:26 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Environmental Review

Categories: Green Category

Hello,

I believe SpaceX starship will be great for the surrounding environment and community. I believe SpaceX has proven they want to take care of the community by showing support during the winter storm of 2021 which took out the Texas power grid. I believe SpaceX will be safe about the launch and the environment and their efforts will lead to lower cost and higher reliability.

Best,
Nadir Qadir

From: Chang Hao Huang <[REDACTED]>
Sent: Friday, September 17, 2021 4:31 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Project support

Categories: Green Category

I greatly support SpaceX's Starship Program, it will power humans to be an interplanetary species, but if they do their first launch with landing, please make them land somewhere far from land in case there is a RUD/fail/explosion because it might injure people or animals.

From: Steve N <[REDACTED]>
Sent: Friday, September 17, 2021 3:11 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project - Public Comment

Categories: Purple Category

I am grateful that the FAA is in the process of performing an environmental assessment (EA) of SpaceX and their activities in Boca Chica Texas. And as a resident of the State of Texas I am a proud supporter of the Starship/Super Heavy program and what it means for America (and the rest of the world). The importance of this project cannot be understated - with it humanity can finally colonize the final frontier including the moon, Mars and beyond. In summary, please approve the EA expeditiously. Thank you.

Steven Nutter
Fort Worth, TX

From: Butnariuc Ionut Florin <[REDACTED]>
Sent: Friday, September 17, 2021 5:22 PM
To: SpaceXBocaChica
Subject: Starship - BocaChica

Categories: Green Category

Hi,

Zero risk is impossible to archive, but in my opinion the risk can be asset as zero if we look at the possible result. You can not make a omelet without braking some eggs, let #SpaceX try to give humans a future where we are not "captive" on this planet.

If I could I woud move to BocaChica, because that place represents the future.

With respect,
Florin

Sent from my iPhone

From: Brian Schneide <[REDACTED]>
Sent: Friday, September 17, 2021 5:25 PM
To: SpaceXBocaChica
Subject: Starship And Super Heavy Booster

Categories: Green Category

Dear FAA,

I write to you today to show my support for the launch of both Starship and Super Heavy Booster. Space exploration is always going to be an important part of human development, and the benefits far out way any environmental concerns. My opinion is that SpaceX's emerging rocket technology paves the way for important changes to industry and keeping our planet free from pollution. Off-planet manufacturing and resources have the potential to move heavy pollutants of Earth, and this could only be possible from furthering our expansion into space. Thank you for taking the time to read this, and god speed.

sincerely, Brian Schneide.

--

Brian Schneide

.....

[REDACTED]

phone: [REDACTED]

e-mail: [REDACTED]

From: Daniel Kakaley <[REDACTED]>
Sent: Friday, September 17, 2021 6:05 PM
To: SpaceXBocaChica
Subject: Starship EA

Categories: Green Category

Hi,

I have been following developments of Starship/SuperHeavy since it's inception. I am so proud of this company's willingness to innovate and what they are doing for this country. This rocket and the space economy it will create will create many high paying, high tech American jobs, and ensure America is at the forefront of space exploration.

My entire family finds it inspirational to follow its progress. I'm proud to watch this progress with my son, inspiring him towards a future in STEM. I believe this EA should be approved. Here are some strategic national interests this serves as well:

1. Assured access to space by American astronauts on American rockets from American soil. Hopefully the astronauts part comes soon as the rocket gets man rated in the future.
2. Strategic interests on the Moon and Mars. And as a cargo delivery platform for the US military.
3. Protect against China doing on the moon what they are doing in the South China Sea, should they establish a moon base first.
4. Ensuring an economic method of servicing the starlink internet constellation as it is revitalizing rural areas of the nation with internet and providing connectivity to the military in various locations.

In summary, please approve this EA expeditiously.

Sincerely,

Dan

From: Benjamin Smith <[REDACTED]>
Sent: Friday, September 17, 2021 4:34 PM
To: SpaceXBocaChica
Subject: Starship Environmental Assessment

Categories: Green Category

Dear FAA,

Over the years, I have watched SpaceX do amazing things, not once, but repeatedly.

They are the first private company to...

- Go to orbit
- Recover and reuse a spacecraft
- Recover and reuse a rocket booster
- Send a spacecraft to the International Space Station
- Send humans to the International Space Station

The list goes on and continues to grow. In a world so often focused on the negative, SpaceX offers a glimmer of hope that one day, our species may break free of its petty differences and pursue a grander future in the Solar System. The Solar System offers an opportunity to quench our inherent desire to explore and discover. And those discoveries will be used to make Earth, the most perfect home we will likely ever know, even better.

The road for this future runs right through Boca Chica. Therefore I implore you to, barring any major environmental implications, grant SpaceX launch approval. The clock is ticking. As climate change and geopolitical tensions threaten planetary stability, the window to occupy the space beyond Earth is open for an uncertain amount of time. It would be best to take advantage of the time now and use outer space to facilitate the solutions to our earthly problems before the window inevitably closes.

Thank you for all the work you do to keep our skies safe. I hope that whichever decision you make, it is the correct one.

Best,
Ben

From: Arman Amin <[REDACTED]>
Sent: Friday, September 17, 2021 5:52 PM
To: SpaceXBocaChica
Subject: Starship Super Heavy comments.

Categories: Green Category

Allow SpaceX to conduct orbital test flights in starbase/boca Chica Texas. Monumental achievements are happening there. Would hate it if they were unable to proceed.

From: Dominik Martinjač <[REDACTED]>
Sent: Friday, September 17, 2021 2:51 PM
To: SpaceXBocaChica
Subject: Starship/SuperHeavy Boca Chica

Categories: Purple Category

Please consider this email as a support for all SpaceX Starship and SuperHeavy activity in Boca Chica. Further development and testing is necessary to make human life multyplanetary and for future space travel. Do not waste their time with unnecessary restrictions and launch stalling.

Thank you for your time.

From: Alex Wagner <[REDACTED]>
Sent: Friday, September 17, 2021 3:20 PM
To: SpaceXBocaChica
Subject: Support for SpaceX in Boca Chica

Categories: Purple Category

Hi there,

I greatly support SpaceX's Starship project in Boca Chica. It is the most inspirational project in my lifetime, for all of America, and for all of humanity. Please keep the United States ahead of the rest of the world and allow SpaceX to do what they do best — take us to the Moon, Mars, and beyond!

Thank you,
Alex

—
Alex Wagner

[REDACTED]

From: Rob Keshav <[REDACTED]>
Sent: Friday, September 17, 2021 3:23 PM
To: SpaceXBocaChica
Subject: Support for SpaceX

Categories: Purple Category

We strongly support SpaceX in its endeavor for interplanetary travel. They are the vanguard for US and need all the support from all the government agencies. Please approve their request.

Thanks.

Rob Keshav

From: ez TV2050 <[REDACTED]>
Sent: Friday, September 17, 2021 5:26 PM
To: SpaceXBocaChica
Subject: Support for SpaceX.

Categories: Green Category

Hi SpaceX Team,

I'm Eze from Papua New Guinea, a country in the South Pacific.

As someone in STEM, I've observed that no three events or endeavor result in the greatest amount of innovation apart from war, entrepreneurship and space exploration.

While war is detrimental to humanity's very own existence the two latter are not.

SpaceX is part of a group of a few aerospace companies in the world pursuing the last two endeavors. In entrepreneurship they are trying to provide remote parts of the world with affordable internet. While in space exploration, they're the only company thinking in terms of hundreds to tens of thousands of years with their goal of making life on earth multi-planetary.

Because of these two reasons, I'm in support of SpaceX's missions.

I hope they get to do more launches, explore Mars, and inspire the next generation of scientists, engineers and explorers to believe that life is possible on another planet and that one day leaving our solar system to live amongst the stars will be a career option.

Go SpaceX! Godspeed!

From: Thoth Gyro <[REDACTED]>
Sent: Friday, September 17, 2021 3:22 PM
To: SpaceXBocaChica
Subject: Support of Starship/Super Heavy

Categories: Purple Category

My name is Maxwell Brown, US citizen.

I would like to voice my support of SpaceX at Boca Chica and the associated Environmental Review.

It seems to me that the environmental impact of SpaceX and Starship will be a drastic positive in the long term. Not only is the eventual plan for Starship to colonize mars, but also to enable a cheaper and more efficient access to space travel. This access to space will include industry. Moving some of our industrial processes into orbit or other worlds with waste products being captured for recycling will ease pollution here on Earth. Starship will also allow life here on Earth to extend to Mars and beyond, allowing for the survival of life as we know it should a catastrophic event occur impacting our planet. If a large asteroid impacted Earth today (and this is always a possibility), humanity and all the plants and animals we know would be wiped from existence in an instant. With SpaceX and Starship we have the opportunity to not only create a backup of this world, but also have the potential options to send Starships to redirect an incoming asteroid or to evacuate populations in the event of detection.

It seems to me that the FAA has currently found only minimal environmental impact from the SpaceX operations in Boca Chica, and that these impacts will be offset entirely by the previously mentioned advantages of the Starship/Super Heavy system. SpaceX is using clean solar power, and has built rockets which will run on methane. We have an over abundance of methane here on Earth, driven mostly by industrial agriculture. Starship will allow these industrial sources of methane to sell the methane to SpaceX for Starship use, which in turn will cause methane capturing methods to be economically viable and increase their use. All of this will work to lessen greenhouse gasses in the atmosphere, and increase our likelihood of survival as a species.

From: Chuck Sr <[REDACTED]>
Sent: Friday, September 17, 2021 3:17 PM
To: SpaceXBocaChica
Subject: Texas Launch site

Categories: Purple Category

SpaceX is innovating constantly and bringing good things to Texas, America, and the world. To put obstacles in their way hinders all mankind. Instead, let's get behind them and let's GET LAUNCHING! 🚀 🚀 🚀

From: Leon Prien <[REDACTED]>
Sent: Friday, September 17, 2021 2:55 PM
To: SpaceXBocaChica
Subject: The importance of SpaceX's Starship to humanity

Categories: Purple Category

Dear FAA,

Starship is the biggest advancement in spaceflight since the Apollo era.

We have to get back to the moon and beyond not just for the sake of going, but to inspire and learn more about our place in the universe.

SpaceX has worked incredibly hard for the past three years to make this dream possible once again, and it would be a huge disadvantage for the US and humankind not to use this chance.

Your environmental review will decide over the fate of this endeavour and we, the public and residents of Boca Chica, would hate to see all this effort to be in vane.

Please make sure that we can see people on the Moon again and beyond.

Sincerely,

Leon Prien

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Sent from my Android phone with [WEB.DE](#) Mail. Please excuse my brevity.

From: Joe Daly <[REDACTED]>
Sent: Friday, September 17, 2021 4:49 PM
To: SpaceXBocaChica

Categories: Green Category

I think the whole project is awesome.

From: Astley C137 <[REDACTED]>
Sent: Friday, September 17, 2021 3:37 PM
To: SpaceXBocaChica

Categories: Purple Category

I am highly in favour of the proposal.

From: Alan Coffey <[REDACTED]>
Sent: Friday, September 17, 2021 6:11 PM
To: SpaceXBocaChica
Subject: Boca Chica

Categories: Blue Category

Please do not stand in the way of Elon Musk and his crew. He is the most innovative mind in the world today, and we are lucky to have him here in America.

Thanks.

Alan Coffey

PH: [REDACTED]

From: Aryan Gupta <[REDACTED]>
Sent: Friday, September 17, 2021 4:22 PM
To: SpaceXBocaChica
Subject: Boca Chica's environment thrives under SpaceX

Categories: Blue Category

Greetings,

I hope you are doing well. Recently there has been some controversy surrounding SpaceX's presence in Boca Chica, and the possible environmental effect it may have.

Below are some of the reasons why SpaceX will have almost 0 effect on the environment in Boca Chica.

1. SpaceX has been extremely careful about their usage of fuel and oxygen. All Fuel and Oxygen is trucked into the Boca Chica launch facilities, and there is no pipeline being built over the boca chica environment. This means that the environment is virtually unharmed, and there is much less risk for leaks.
2. Wildlife. SpaceX has been very conscious in their interactions with Wildlife, and almost no birds have been affected by any launches. In addition, as launches become more frequent and explosions less common, the effect on wildlife will be even less.
3. Environmental Efforts. SpaceX has made numerous cleanup efforts and conservation projects in the Boca Chica area. This has contributed heavily to the rejuvenation of the area and making wildlife even more present, leading to a thriving ecosystem.

All in all, I believe that SpaceX's presence not only has little to no impact on the ecosystem, but possibly even a positive one.

Thank you for opening up the dialogue to the public,

Aryan

From: Ahmed AlZayani <[REDACTED]>
Sent: Friday, September 17, 2021 7:37 PM
To: SpaceXBocaChica
Subject: Bocachica launch site feedback

Categories: Blue Category

Ms. Stacey zee,

I strongly support the immediate approval of the proposed use of the SpaceX launch site in Bocachica, Texas.

I don't live in this area and don't work at SpaceX, but I want to express that the work SpaceX does in Bocachica (and is supported in other parts of the country) has global significance. It's no exaggeration to say. It is the future of Humanity.

Passing the proposed actions, SpaceX will be able to continue the important work they have done towards their goals, which will have a positive effect not only on the United States but on humanity as a whole. I strongly recommend that you approve SpaceX's suggestions to allow this amazing venture to continue the impressive work they have done.

Thank you for reading my feedback,

All the best,
Alzayani

From: Tony Ho <[REDACTED]>
Sent: Friday, September 17, 2021 3:32 PM
To: SpaceXBocaChica
Subject: Comment

Categories: Blue Category

I believe in space exploration and a company such SpaceX, whom has had numerous successful launches, should be able to take science to the next level and conduct this launch. It will make multiplanetary become real and allow us to make an impact in the universe!

From: aqeel raja <[REDACTED]>
Sent: Friday, September 17, 2021 6:40 PM
To: SpaceXBocaChica
Subject: Comment

Categories: Blue Category

Dear sir/madam

I am emailing you in support of the starship/superheavy program, with the hope that you permit starship/superheavy launches from the Boca Chica launch site. I firmly believe that starship will achieve wonderful things for space flight, getting humanity to Mars, the moon and beyond. While the program has made incredible progress with the FAA's contribution and oversight, allowing full stack flights out from Boca Chica will be the next step in testing, verifying and ultimately launching the full starship system, benefiting the development of the lunar Starship with Artemis and other starship variants as well as boosting tourism in the area.

From: Dreem Kachereksel <[REDACTED]>
Sent: Friday, September 17, 2021 4:18 PM
To: SpaceXBocaChica
Subject: Comment on Starship Environmental Review

Categories: Blue Category

Good day,

My name is Maya, an engineering graduate student from California. I fully support SpaceX's Starship project despite risks of debris, disruptions, and wildlife impacts. Negatives are far outweighed by Brownsville's growing economy, South Padre Island's emerging tourism hub, long-overdue generational inspiration, and continued national security.

SpaceX ignited a second space race after decades of stagnation, leading my uninspired generation to dream big again. Starship represents a homecoming for Americans and humanity. New forward-thinking leaders, such as Elon Musk and Gwynne Shotwell, are inspiring youth to push new boundaries, fueling competition and science literacy.

Hasty colonization will assure our lead over rapidly-advancing rivals. Chinese start-ups and their government will soon replicate SpaceX's first orbital booster recovery from 2015, concurrent with their colonization plans. Extensive delays will only hamper our leadership as self-sustaining cities and industries emerge on the Moon, Mars, and beyond.^{[1][2][3]}

Starship is only the first of many major projects this decade. It is thus imperative for government agencies to work quickly with rapidly-innovating organizations. Our children will bear the repercussions of excessive prudence. I hope the FAA and others will help set the tone for government response. Our future depends on it.

Best,
Maya Mari

From: OATH <[REDACTED]>
Sent: Friday, September 17, 2021 7:16 PM
To: SpaceXBocaChica
Subject: Comment on the Draft Programmatic Environmental Assessment (PEA)

Categories: Blue Category

If the contention is that these launches will harm vulnerable local species (of which there is very few, being in the desert) or that it further exacerbates the greenhouse effect, it becomes very hard to take this plan, as it is based on such short-term considerations, seriously.

If spaceX was to be supported by the FAA, and not forced to purchase licenses and deal with complex legal entanglement, it would bring us closer to the day when vulnerable species would be provided a safe haven on Mars, free from viruses and disease, parasites, poachers, farmers, predators, confined zoos, etc; to quote Elon Musk: "there may come a day when some plants and animals die out on Earth, but are still alive on Mars".

To put obstacles in front of a sincere effort to preserve and extend life, both human and non-human, merely because you hate the person in charge, or because your corporation likes a bit of power and income, is childish and immoral.

Preventing the initiative to terraform Mars into a multi-biome planet, mainly rainforest, in order to protect a few, common desert species is indescribably hypocritical, or worse, an indication of deep and petty government corruption.

This is a rare opportunity to allow the development of arguably the most important technology for the survival of humanity when most government organisations would add regulations, licences and obstacles. Any amount of time, money and freedom that you could allow SpaceX is in the best interests of the common man, this is not an initiative for billionaires, but for life itself.

If this is not enough to convince you intervention is wrong, the felicity and survival of future generations of mankind will be an indicator of your good decisions. History will be the judge.

From: Ryan MacKenzie <[REDACTED]>
Sent: Friday, September 17, 2021 3:58 PM
To: SpaceXBocaChica
Subject: Comment Submission

Categories: Blue Category

Ms. Stacey Zee
SpaceX PEA

Dear Ms. Zee,

Thank you for the opportunity to comment publicly on the SpaceX projects in Boca Chica, Texas.

I am a Canadian high school teacher and a former wildlife biologist. The benefits of the innovation and iteration in Boca Chica are of such inspiration and motivation to myself and my students that I can only comment that this work be treated as having such value to our species and your nation that this merit is given it's just weight during the evaluation.

Thank you kindly,
Ryan MacKenzie
Verdun, Quebec, Canada

From: Inho Sin <[REDACTED]>
Sent: Friday, September 17, 2021 6:50 PM
To: SpaceXBocaChica
Subject: Comment

Categories: Blue Category

Dear FAA,

We all know that Tesla auto and solar systems did and doing to save our planet and humans!

We must do everything possible to save our humanity and it should be at most important and period! I support and ask your support for SpaceX starship program and test/lunches from BocaChica Texas!!!

Thank you

From: Behcet Sarikaya <[REDACTED]>
Sent: Friday, September 17, 2021 3:58 PM
To: SpaceXBocaChica
Subject: Comments on SpaceX

Categories: Blue Category

I strongly support SpaceX efforts.

Behcet Sarikaya
Dallas, TX

From: Eric Ferguson <[REDACTED]>
Sent: Friday, September 17, 2021 3:41 PM
To: SpaceXBocaChica
Subject: Comments on SpaceX activities at Boca Chica

Categories: Blue Category

To Whom it May Concern,

As a citizen deeply concerned about the wellbeing of the environment in South Texas and around the world, I am writing to express my support for the SpaceX activities in Boca Chica, Texas, as outlined in your recently published materials.

Orbital launch activities must, to ensure maximum safety, occur over water, which means some amount of coastal activity is necessary. The FAA is now in a position to set a precedent for future private spaceflight infrastructure, by requiring SpaceX to meet a high standard for its mitigation of environmental impact. The standard should be set high, but achievable, to model a future where this work is possible but regulated for the benefit of all. Other companies should see that only by meeting the high standard set by SpaceX can they also launch vehicles of this type.

I support the FAA's insistence on stringent protocols, but support a path that allows SpaceX to launch and land its starship, superheavy, and other test vehicles at this site.

Eric Ferguson

From: Rick Eichhorn <[REDACTED]>
Sent: Friday, September 17, 2021 4:33 PM
To: SpaceXBocaChica
Subject: Comments on SpaceX

Categories: Blue Category

To whom it concerns:

SpaceX is a treasure to the human species. Adherence to prudent guidelines is a necessary precaution for any endeavor such as that which SpaceX has taken upon itself.

However, SpaceX is a paradigm-shattering entity, one for which some discretionary latitude must be given.

The guidelines underpinning FAA regulation of spaceflight are, in general, some 50 years old, and were designed for government programs, not private industry.

[Sent from Yahoo Mail on Android](#)

From: James Turner <[REDACTED]>
Sent: Friday, September 17, 2021 4:26 PM
To: SpaceXBocaChica
Subject: Comments on Starship/Superheavy

Categories: Blue Category

To Whom it May Concern,

I am writing today in regards to the environmental impact review for the Starship/Superheavy project being undertaken by SpaceX in Boca Chica, TX. I am glad to see that the FAA has found no issues in their initial study. The benefits that humanity (and the United States in particular) will reap from the success of Starship are immense, as well as the potential assistance that easy access to the resources of space could provide to the environment, by allowing the mining of off-earth resources and the use of solar power on-orbit for manufacturing.

The FAA should proceed with all due speed to approve the planned SpaceX activities, so that SpaceX can move forward with important milestones, both for themselves and for NASA's Artemis program, which has chosen SpaceX Starship for the Human Lander portion. The complaints of a few "Not in My Backyard" residents should not be allowed to outweigh the greater good the project will produce.

Thank you,
James Turner
[REDACTED]

From: Mike S. <[REDACTED]>
Sent: Friday, September 17, 2021 3:02 PM
To: SpaceXBocaChica
Subject: Comments Re: Draft PEA for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Categories: Blue Category

To Whom it May Concern:

My name is Michael Schwennesen. I am a retired environmental chemist. I worked for 28 years (1987-2015) performing activities related to the mitigation of environmental issues, mostly as a contractor to the USEPA.

I have reviewed the document, "Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas September 2021 (PEA)." I found the PEA to be sufficiently thorough, and I believe that SpaceX's proposal to operate the Starship/Super Heavy launch vehicle at its existing Boca Chica Launch Site in Cameron County, Texas should be approved.

If you have any questions or comments regarding my opinion, I may be reached at [REDACTED]

Thank you for your consideration,

Michael Schwennesen

From: Aleksandr Korshunov <[REDACTED]>
Sent: Friday, September 17, 2021 3:46 PM
To: SpaceXBocaChica
Subject: Comments to SpaceX's Starship/Super Heavy program, including its proposal to operate Starship/Super Heavy launch vehicles at its Boca Chica Launch Site

Categories: Blue Category

I write to express my full support to the SpaceX's Starship/Super Heavy program, including its proposal to operate Starship/Super Heavy launch vehicles at its Boca Chica Launch Site.

I believe it is absolutely reasonable for the FAA to grant necessary permit(s), considering all the studies that were completed by SpaceX experts so far. These studies had shown fairly insignificant impact with regards to the CO2 emissions as well as other factors (noise, vibration etc) especially considering proposed by the SpaceX mitigation measures.

Considering the significance of SpaceX' s successes presently and in the future, considering the significance of humanity future in space, considering mitigation measures SpaceX is proposing, my opinion is that the FAA must approve and grant the permits that are required for SpaceX's program continuation.

From: Adam Dunville <[REDACTED]>
Sent: Friday, September 17, 2021 7:10 PM
To: SpaceXBocaChica
Subject: DPEA public comment

Categories: Blue Category

Dear Ms Zee,

I'll keep this brief due to the probable volume of comments you'll receive.

1. Firstly thank you for providing such a detailed and interesting report regarding the Environmental impact, it really shows that everything is being carefully considered before history is made.
2. Secondly as someone from a country with little to no space program of its own I feel that America and SpaceX should proceed by any means possible. If plans must change then SpaceX must be supported in any changes. America is continuing to lead the world forward and I believe that the whole world is watching with awe and anticipation of 'Space race 2.0'.
3. Finally some of the primary emission concerns appeared to be from gas fired power generation, and as was mentioned in the report, gas fields are present in the area and after researching I found two Gas fired power stations in Brownsville itself. So I find it hard to believe that such a small site, far from general populations will have any meaningfully negative effect.

I could go on but I'll spare you my repetition of your analysis. I will simply state that we live in interesting and inspiring times, there are those who would try to manipulate the FAA for their own financial gain i.e competing systems and hinder humanities reach outwards. I hope you and the FAA choose to grant permission for testing and flight of Starship, Superheavy and other future projects.

Thank you all very much for your time and research,

Adam Dunville (UK)

From: Andrew Tinker <[REDACTED]>
Sent: Friday, September 17, 2021 7:10 PM
To: SpaceXBocaChica
Subject: Draft Environmental Review Comments

Categories: Blue Category

Ms. Stacey Zee,

SpaceX is a brilliant company that has managed to bring money into our country by changing the 20% of launches in the world from the USA to over 70% of the world's launches now taking place in the USA. They have created loads of jobs. The example Elon Musk has set with Tesla's safest cars on the road and with Tesla trying to drive the world to lower carbon emissions; we know safety and the environment are a huge part of Elon Musk's concerns. I believe SpaceX will gladly work together with all agencies involved to take care of the environment and local concerns all while inspiring us to a great future in space. There has never been a time in my 43 years of living that I have been more excited than with SpaceX success and their failures which eventually lead to success.

Please work with SpaceX to find great solutions that help move humanity forward while also preserving the environment.

Andrew McKnight
[REDACTED]

From: Travis Immortalis <[REDACTED]>
Sent: Friday, September 17, 2021 4:05 PM
To: SpaceXBocaChica
Subject: Draft Environmental Review of SpaceX Starship/Super Heavy Program - A Citizen's Viewpoint

Categories: Blue Category

To whom it may concern at the FAA,

I am a former resident of Florida, and I still love the Sunshine State to this day. From a very early age, when my grandfather helped me view the stars & planets through a telescope for my very first time, I have been an avid science & space enthusiast. I have followed SpaceX and CEO Elon's progress and efforts very closely, in their endeavors to push the limit and scope of humankind's presence in space, and on other worlds. At the same time, Elon and all of his major corporations are also doing everything they can, to reduce any negative impacts that they, and we as a species, have on our birth-planet Earth. I have also been very concerned about the impact that humans have on the planet we currently live on, and possible impact we will have on future worlds beyond this one. I am an avid supporter of reducing and eliminating the severe negative impact we've already had, and to this end Elon's major corporations/projects have done well to keep this in mind too.

I would just like to add my two cents, that their missions and goals are of paramount importance to all of us planet-bound here on Earth. Becoming multi-planetary is *critical* for humankind's survival as a species. We *must* establish permanent colonies on other worlds, or quite literally risk "having all of our eggs in one basket". SpaceX has so far advanced humankind toward this end the most, of any & all private corporations. They must be allowed to continue their current Starship project, and see it through to its conclusion.

Regarding the environmental impact of this Starship project, rocket launches have generally had minimal impact in the past, compared to everyday polluters like automobiles and power plants, and this is also true of space organizations before SpaceX, like NASA. If anything, SpaceX has been much "cleaner" than previous space organizations before it, due to achieving their goal of reusable rockets (their peers in the space exploration industry have yet to follow this example, so they still have a larger environmental impact than SpaceX). Using liquid oxygen + hydrogen fuel is also much more environmentally-friendly, than solid rocket fuels (the only byproduct of liquid oxygen + hydrogen fuel, is harmless water vapor). In this way, SpaceX launches generate less pollution, than commercial airliner flights.

Concerns about shrapnel pollution are negligible. In the event of an unfortunate (and highly unlikely) rocket explosion, SpaceX has a dedicated cleanup crew, for recovering as much of the shrapnel as possible, to mitigate any environmental impact. Even if they didn't, Starship is made almost entirely of steel, which does not have a large pollution footprint as iron contained in a stable steel alloy is not harmful to most plant and animal life.

Concerns about noise pollution are also negligible. The launch sites were chosen many years ago, with the loudness of rocket launches in mind. The sites have a very large area cleared, to minimize noise impact to the natural wildlife in the area, as much as can realistically be managed (of course, we cannot control every single animal from entering the launch area).

In summary, science shows that the environmental impact of the Starship program will be minimal, less even than historical launches before SpaceX's existence, and less even than peer space exploration corporations in existence now, alongside SpaceX. There should be no reason to hinder or delay SpaceX's progress in this extremely important project, and future projects to come. The future of the human race depends on their success.

Thank you for your time and consideration,
- Travis Holdaway

From: John Smith <[REDACTED]>
Sent: Friday, September 17, 2021 5:34 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Public Review Comment

Categories: Blue Category

The FAA has the responsibility to conduct an Environmental Assessment of the proposed SpaceX plans. I also believe the FAA has a responsibility to the general public to not unnecessarily obstruct the SpaceX mission with this process.

As the winner of the sole contract to return humans to the moon and beyond, SpaceX is in a unique and high pressure position whereby they must move extremely rapidly to develop the hardware required for Starship/Superheavy. The extreme speed of their iterative development process is going to push the limits of government oversight. Plans change rapidly, and the FAA needs to recognize that their current processes simply do not enable the innovation needed to keep the United States on the cutting edge of Aerospace. As the largest launch provider of mass to orbit by a wide margin, SpaceX deserves the attention, resources, and understanding of the FAA. They are special, and need to be treated as such.

I would ask that the FAA immediately approve SpaceX's plans, and offer them every benefit of the doubt in future interactions with a focus on rapid approval. The FAA needs to enable access to space, not prevent it!

John Smith
Niceville, FL

From: [REDACTED]
Sent: Friday, September 17, 2021 4:45 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Public Review for Starship Super Heavy Project at the Boca Chica

Categories: Blue Category

As an American citizen, I fully support SpaceX's Starship Super Heavy Project at the Boca Chica launch site. I've reviewed the draft PEA for this program and believe it is in the best interest of the USA for SpaceX's plan to be allowed to go forward without delay or further restrictions. These flights are high value for the USA, the future of manned spaceflight, and the ultimate survival of humanity. The relatively minor downsides to the program are not significant enough to support any further delay or hurdles to be imposed on the Starship launches out of Boca Chica. In fact, I'd like the FAA/ICF to approve more than 5 launches per year if SpaceX requests. Please approve this permit or license application as written by SpaceX without any further delay including request for more information or other bureaucratic hurdles. Thanks in advance for your attention and speedy approval of the Starship Super Heavy Project at the Boca Chica.

Charles Cannon

From: Chris Kleindl <[REDACTED]>
Sent: Friday, September 17, 2021 6:22 PM
To: SpaceXBocaChica
Subject: EA comment SpaceX Boca Chica

Categories: Blue Category

Good evening Stacey,

I have looked over the draft for SpaceX Boca Chica, TX and I couldn't find anything wrong. Great work putting this document together, and pushing it forward for the public to review it.

I'm glad to see this Space community to come together, and hope to see SpaceX's Starships to been us back to the Moon, and beyond to Mars.

Thank you,
Chris Kleindl

From: Derrick Hildum <[REDACTED]>
Sent: Friday, September 17, 2021 4:08 PM
To: SpaceXBocaChica
Subject: EA Public Comment

Categories: Blue Category

Hello,

I have been following SpaceX and the Starship program since the beginning and I cannot overstate how inspirational this project is. I sincerely hope this project will be approved. This would serve many strategic national interests as this would ensure our leadership in space. Not only that, but humans would become multiplanetary. Please approve this Environmental Assessment expeditiously.

Sincerely,
Derrick Hildum

From: William Weronko <[REDACTED]>
Sent: Friday, September 17, 2021 6:50 PM
To: SpaceXBocaChica
Subject: Environmental Assessment Comment

Categories: Blue Category

To whom it may concern:

I would like to express my unbridled support for the construction of the SpaceX Boca Chica space port facility. From my detailed review of the proposal documents it seems to me, as an engineer, that the space port has minimal environment impact in a largely low population desolate area that is optimally configured for space launch activity. The work being done by SpaceX is revolutionary and critical for the future of United States and the United States military. It is doubtful there is any site within the borders of United States better suited for the development proposed. The impact of the local environment is minimal when compared with the benefit for the country and the local economy. I could not support it more strongly.

William A Weronko
Commander USN (retired)

From: Norbert Kiepurski <[REDACTED]>
Sent: Friday, September 17, 2021 3:37 PM
To: SpaceXBocaChica
Subject: Environmental impact for SpaceX operations

Categories: Blue Category

Hi,

As much as you'll find you surprising, I'm writing to you from way around the world, which is Poland, Europe.

I have been following space industry, and Space Exploration Technologies Incorporated and SpaceX for many years now, particularly since their Starhopper debut over two years ago. Every day I'm more and more impressed by what they will be able to achieve, and willing to see when they can do it, if given a little leeway in terms of their environmental approval for their Boca Chica facilities.

As much as I understand that their current state of affairs may exceed what they have been granted in terms of their environmental approval, in grand scheme of things they may push humanity beyond what anyone could ever imagine, and in such terms the sacrifice of small area of Earth's surface, compared to what we destroy on daily basis, is justified as it'll move humanity beyond earth bound civilisation, and up to the stars.

A little over 100 years ago we were only bound to surface boundaries, which by now we have expended over the entire planet's surface. Our only next step can be solar system, and right now you're the ones that could make it possible in legal way.

As such, I hereby ask you for permission for SpaceX to carry out their plan, to make Boca Chica an orbital class spaceport, in their way to make Starship programme viable, and to move humanity to next level, so we can see a future worth living for.

Yours sincerely
Norbert Kiepurski

From: Michael Fink <[REDACTED]>
Sent: Friday, September 17, 2021 6:55 PM
To: SpaceXBocaChica
Subject: Environmental impact of SpaceX operations at Boca Chica

Categories: Blue Category

Dear Sir/Madam,

I wish to comment in support of SpaceX's operations at Boca Chica in relation to the FAA's environmental impact assessment. Whilst it is true that there are some potential local adverse environmental impacts, I think that SpaceX's mission will overall have the following environmental and other benefits.

1. SpaceX is a pioneer in low cost, sustainable access to space. Their reuse of flight hardware in the Falcon 9 is already driving down the environmental and other costs of space flight and this will be taken to a new level with Starship-Superheavy, which will be the first fully reusable rocket ever flown. The Starship-Superheavy system will offer the lowest cost per mass to orbit of any rocket in history. This will enable lower cost solutions to monitor serious environmental threats to our planet, including climate change.
2. SpaceX is minimising the environmental impact of their operations by vertically integrating as much of the manufacturing processes as possible and utilising local parts suppliers wherever possible.
3. SpaceX is developing the means to produce propellants in a sustainable fashion. They already have an oxygen production facility on site and have indicated that they intend to develop the ability to produce methane using the Sabatier process that combines atmospheric CO₂ and water. This is a process that will be required for in situ resource utilisation on Mars to refuel Starships for the return journey to Earth. Producing methane from atmospheric CO₂ using renewable energy will make the Starship-Superheavy the first to use a carbon neutral fuel.
4. SpaceX is committed to the democratisation of space, with greater access to normal people, as demonstrated by the Inspiration 4 mission which is currently in orbit. It has been well documented that people who see the Earth from space undergo a profound change in their concept of the planet and are more likely to care for the planet more. The greater the number of people who can do so, the more likely it is that the right decisions will be made for the future habitability of the Earth.

Yours Sincerely,

Mr Michael Fink MBBS MD FRACS | Senior Lecturer
Department of Surgery / Austin Health | Medicine Dentistry and Health Sciences
The University of Melbourne



From: Mateja Petrovic <[REDACTED]>
Sent: Friday, September 17, 2021 2:51 PM
To: SpaceXBocaChica
Subject: FAA

Categories: Blue Category

Ensuring that spacex has the means to conduct their spaceflights is of crucial value to the humanity as a whole. Progress and endeavours space x makes possible are amazing. Also the motivation and drive their efforts and achievements make, gives motivation to everyday humans.

From: Timothy French <[REDACTED]>
Sent: Friday, September 17, 2021 7:55 PM
To: SpaceXBocaChica
Subject: FAA Assessment

Categories: Blue Category

Dear sirs,

I have absolute faith that SpaceX acts with great consideration in regards to the environment and public safety. Please grant approval for the Starship program. Humanity will benefit greatly for its success.

Sincerely,

Timothy French

[Sent from Yahoo Mail for iPad](#)

From: Quincin Gonjon <[REDACTED]>
Sent: Friday, September 17, 2021 8:27 PM
To: SpaceXBocaChica
Subject: FAA Environmental impact Statement and request for comment

Categories: Blue Category

To whom it may concern:

SpaceX's launch of the Starship and Super Heavy will be an inspiration to our youths and future astronauts. The environmental impact for such a launch is insignificant compared to the historic and innovative growth of such a launch. Today, this country subsidizes companies that is changing our climate for the worst and causing pollution that is causing health issues for millions of Americans. There is no technology or science gains in the oil, gas and coal industry and they will not inspire humans to be better. Therefore, SpaceX should be allowed to launch the most influential, motivational, technological and scientific mission that will inspire the world to become a multi-planetary civilization.

Thank you,

Quincin Gonjon

United States Citizen

From: Kelly Miller <[REDACTED]>
Sent: Friday, September 17, 2021 6:08 PM
To: SpaceXBocaChica
Subject: FAA I ask you to please support and Fully Approve SpaceX's Starship Boca Chica Site and Starship Program

Categories: Blue Category

Dear FAA Team,

I know it is critical for you to thoroughly review and vet the impact of every commercial company working so hard to reach for the stars. And even though there can be many people that hide behind online public applications and spin up negative comments your way, all of America knows how important it is for you to get these licenses right.

I was born in 1976 and missed the amazing Apollo 1961-1975 program and was only able to get a small glimpse of it through the short shuttle program. When it finally came to an end and America was forced to pay tons of money to hitch rides on Russian rockets, I was sure I wouldn't see another program like Apollo in my lifetime. But here we are 2021 and we have an amazing commercial race to get American's back into space on our American built spacecrafts and rockets. And we have Artemis right behind pushing through to get us back to the Moon.

I cannot tell you why Elon chose Boca Chica Texas, but after combing through your PEA draft for SpaceX's Starship Boca Chica Site and Starship Program, that must be the lowest impact area in the United States. There is an ocean of water nearby and a very low population impact in the region. When I look at maps of launch areas similar, Cape Canaveral Florida and Vandenberg California sure seem like they have extremely similar landscapes and populations in relation to the launch sites and potential debris fields.

As an American, and a reenergized space nerd adult kiddo, I ask you to approve SpaceX's Starship Boca Chica Site and Starship Program so that they can continue to lead the race back to the heavens. They have now flown over 100 Falcon 9 missions, and a successful Falcon Heavy mission, and have repeatedly shown over and over their ability to move machinery at supersonic speeds safely. They have also carried humans safely on and off our planet Earth, including an ongoing mission with civilians on the Inspiration4 mission.

I read an article on the Artemis program that states from NASA that the program will cost American taxpayers \$86 Billion dollars for their FY21-FY25 plans. When you look at SpaceX's model, they were predicting \$90 million for each Falcon Heavy flight, but have a goal of reducing that down to \$2 million for each Super Heavy flight. If SpaceX's Boca Chica Starship site and program were to use that same Artemis budget, the American taxpayer could get 43,000 Starship launches in those same 4 years. Which is another big reason why I employ you to heavily consider the full approval of their site and program goals.

The other pressing issue that you as the FAA and all American's must consider is the actions of China. China has pressed the GO button on space exploration, and from their most recent space station launch, they could care less about the safety of the world for their uncontrollable rockets. While we all understand the importance of diving into the environmental impacts and population impacts for companies in the U.S., we cannot let our own policies keep us from leading the world in both space flight but also with space exploration. The approval of the FAA in this regard is extremely important and critical to get completed as soon as possible.

Thank you for time and consideration of my plea for your Full Approval of SpaceX's Starship Boca Chica Site and Starship Program.

Thanks,

Kelly Miller

H

C

From: Jonathan Du Bois <[REDACTED]>
Sent: Friday, September 17, 2021 3:06 PM
To: SpaceXBocaChica
Subject: FAA SpaceX Proposal

Categories: Blue Category

Dear FAA

Let SpaceX conduct their flights and continue on Starship and booster testing at Boca Chica Texas! They are the surefire way to get to the moon and Mars someday and I believe they will be the company to get there again!

Thanks!

From: Josh Vermast <[REDACTED]>
Sent: Friday, September 17, 2021 2:44 PM
To: SpaceXBocaChica
Subject: Feedback on the SpaceX Boca Chica EA

Categories: Blue Category

To Whom it May Concern

I am emailing in regards to feedback on the Boca Chica SpaceX Environment Assessment. I have read every page of the assessment and firmly believe that 100 years from now, we will look back at this moment and say "This. This was the moment we decided to look ahead and not look back".

I have been following space development for the greater part of 20 years and researching space history for the equivalent. If we had denied improvements to Cape Canaveral for space flight activities in the Apollo ERA, where would we be now?

I see nothing in this EA that should be a blocking factor in the continued development of the Boca Chica Spaceport and would request that the FAA work harder to promote the longevity of humankind and not waste time and resources defending your decisions to approve these sorts of developments.

Approve this EA and work harder at streamlining this process before it's too late for humanity.

Sincerely,

Josh Vermast

From: [REDACTED]
Sent: Friday, September 17, 2021 8:27 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am voting in the favour of SPACEX team and they are doing the best work out there and I would always support them. And they must be given all the support to make humans multiplanetary, which is the moto of SPACEX.

From: [REDACTED]
Sent: Friday, September 17, 2021 7:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe this site is one of the best. It is relatively isolated and right next to the ocean. I cannot think of a place better suited anywhere in the country. Of course everywhere has some impacts but I believe this area has the least.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:54 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let them fly. It'll be fine.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:54 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a US citizen/taxpayer, I support SpaceX in their Starship endeavor. I've enjoyed sharing their developments with my 11 year daughter. Two thumbs up. Brett Shelton

From: [REDACTED]
Sent: Friday, September 17, 2021 3:53 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in support of this SpaceX program and permit to allow the use of the launch site. Job creation for the local community will be beneficial, and long term benefits to our national defense and space program.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:53 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Elon is doing more for the environment than most. SpaceX is part of that process. He needs to continue without roadblocks.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:51 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

We and our community we think Spaceship program is the last opportunity to not lose the race against China, not only in space but innovation and industry.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

afternoon, As a resident of Cameron County, I want to express my full support of SpaceX in Brownsville TX. SpaceX has brought an experience to our children that no one can ever take from them and would not otherwise have. I personally enjoy seeing the developments and the ever changing advancements that SpaceX accomplishes on a regular basis! It is truly amazing and the citizens of Cameron County should be honored to have an amazing part of history happening in our back yard!

From: [REDACTED]
Sent: Friday, September 17, 2021 3:49 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let Elon do whatever he wants! The man is the best thing to happen to the human race and the best thing to happen to The United States.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:48 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The progress is worth the environmental impacts. Our species has had a far more negative impact in many other places for much less of a gain for humanity as a whole.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

For the good of humanity you need to approve SpaceX's launch of super heavy and any other rocket they launch. SpaceX is trying to better our future. The government and other bureaucracy are just getting in the way and wasting everyone's time and tax payers dollars. The good of humanity and the next stage of human development depends on your approval of SpaceX. Please give them the green light.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:44 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please let SpaceX Launch From Boca Chica/Starbase. We need to return to the Moon and go to Mars. We need need to establish a presence on the Moon or another planet as a backup for mankind incase of a catastrophic event on earth. IE the dinosaurs. SpaceX has proven that they are a responsible company over the last two decades and I believe that they will do everything in their power to minimize the impact on Boca Chica/Starbase. This is American engineering, Ingenuity, and pride for the whole world, and humanity. It is better to keep such a great achievement on US soil where we can keep an eye on the environmental impact. Or we lose control when China, Russia, and India are free to launch wherever and whenever they want in their countries. Please do the right thing and don't let us the US people lose our competitive edge before it's to late. Thank you in advance for granting SpaceX approval to launch Starship from Boca Chica/Starbase. Godspeed and good health. Sincerely Jacob Throckmorton 46 year old life long star gazer

From: [REDACTED]
Sent: Friday, September 17, 2021 3:43 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Starship program is not only great for the furthering of man kind is also a huge employer for the greater Brownsville area i believe that the faa should do its upmost to help with the progress of starship development and give permission for its first orbital launch as soon as possible and continued support and cooperation with spacex in boca chica!

From: [REDACTED]
Sent: Friday, September 17, 2021 3:43 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support space x in their pursuit of the advancement of human space travel, the United States space infrastructure, and the longevity of the humanity as a whole. Space x has done more than anyone since the 60s to excite and revitalize the faith and knowledge that, space is a destination and our destiny.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear Sir/Madam, As a nation, we are at the dawn of a new frontier and we have the opportunity to create an amazing and hopeful future for all Americans by allowing for SpaceX to move forward on all Starbase activities including all Starship/Superheavy launches both supporting the NASA Return to the Moon and America's return to deep space. But more than that, we need to once again lead the world in space technology and the Starbase in Boca Chica will give us that gateway to interplanetary travel that will build a better future for all Americans and all people of Earth. Please approve all applications both now and in the future for SpaceX and its endeavors in the matter of the Starbase, Starship and Superheavy operations. Thank you for your time, John McClure

From: [REDACTED]
Sent: Friday, September 17, 2021 3:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I express my support to SpaceX's proposal

From: [REDACTED]
Sent: Friday, September 17, 2021 3:36 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Give Space X their license. We should not delay humanity's place amongst the stars. China is quickly becoming a powerful space faring nation. Super heavy will help maintain US superiority in space

From: [REDACTED]
Sent: Friday, September 17, 2021 3:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in support of the expansion of the SpaceX Starbase facilities and continuance of the starship/super heavy launches. This is a critical step to reducing cost and long term environmental damages from other non efficient rocket products. Starship/super heavy have the ability and prospect to expand the reach of our civilization to space more than what was provided by the Apollo era. Thank you Garion Wheeler

From: [REDACTED]
Sent: Friday, September 17, 2021 3:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The FAA has an opportunity to enable the advancement of the human species. The work underway by SpaceX with its entire program and specifically Star Ship and Super Heavy, will create new opportunities for the advancement of human kind. To literally answer questions which we don't yet have the understanding to ask. Please support this effort and it's positive impact in humanity

From: [REDACTED]
Sent: Friday, September 17, 2021 7:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in support of SpaceX endeavor regarding the building of Starship and Starbase

From: [REDACTED]
Sent: Friday, September 17, 2021 3:30 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Colonize Mars is the Model Unite Humanity is the outcome.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:28 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The importance of the development of Super Heavy and Starship cannot be understated. Getting humanity reliably to the moon and Mars is an important goal and one that should have the full support of the federal government. Not to mention perfecting reusable rockets will greatly reduce the price to get humans, cargo and satellites off of earth. I believe any potential environmental damage to the Boca Chica area would be far outweighed by the good that Starship represents for all of humanity. Derek Fulcher MD

From: [REDACTED]
Sent: Friday, September 17, 2021 3:27 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let them launch. This is bigger than all of us.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:27 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I approve wholeheartedly of what SpaceX is doing in Boca Chica. I have watched their progress EVERY single day for the last 2 years, and in that time they have taken precautions that they didn't have to, to insure the surrounding area. I believe that SpaceX has the best interests of the United States, the environment, and the American public in mind as they build this space launch complex.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:26 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hola! Saludos desde Argentina! Solo quiero decir que muchos aquí en mi país estamos muy emocionados por la gran revelación tecnología que Elon y SpaceX están desarrollando. Ser una especie multi planetaria esta a la vuelta de la esquina y no debemos interponernos. En el futuro podremos llevar la industria al espacio e inclusive la minería, así evitar daños en nuestra madre tierra. La humanidad nuevamente esta de pie mirando con entusiasmo la nueva carrera espacial y esta vez lograremos lo que antes creíamos imposible. Dejemos a todas las empresas del mundo que desarrollen la tecnología que nos lleva al nuevo futuro!

From: [REDACTED]
Sent: Friday, September 17, 2021 3:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a human that realizes as a species we must be multi planetary . It only makes sense to start that process as soon as possible. Mr Elon musk has proven his worth in imovatoon and forward thinking time and again since the start up of spacex as well as his efficiency as compared to backward thinking government agencies such as Nasa and the FAA . Not trying to be insulting nor rude but please cut the bureaucratic crybaby red tape and allow the man to live up to the potential we need to get the future we deserve before its too late ! Yours truly Jerry James lane and millions of other people across the globe that have the sense to critically think and make decisions based on information available . We have to launch in order to perfect and advance space travel not for millionaires to play astronaut but to advance our species .

From: [REDACTED]
Sent: Friday, September 17, 2021 3:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support SpaceX Starship and Super Heavy program. I encourage the FAA to approve the environmental review as soon as possible. I like that SpaceX moves with a sense of urgency and encourage the FAA to do the same.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is changing the way we get to see the world, universe in all it's glory. Please take in to account they've done everything with transparency beyond any other company that I've known of in my 52 years as a citizen of the United States of America, we as a nation should be especially proud of what they are doing for the rest of humanity. SpaceX and Elon Musk are way ahead of their time, they are Rocket Masters! Their track record speaks for it self. Sincerely, Paul Anthony Donahue

From: [REDACTED]
Sent: Friday, September 17, 2021 7:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello and good day, As a Texan I am proud to have the spacex company in Texas. I have not been to the southern tip of Texas in over 9 years. Even when I was down there, I never felt like the Boca Chica area was ever a great place to hunt, fish or bird watch. Tho I never did go there to hunt. I did fish and go with my college class twice to bird watch. I have no data to give you to say that you should or should not go ahead with the approval. Just my love of flight and the thrill of Texas and America becoming a multi port to space. Soon the moon, later Mars, then who knows. All that to be said, I say let SpaceX "along with NASA by their side" go ahead and lead the world in space exploration. I just pray that you will keep political and other jealous company's opinions out of the decision. Thank you for taking your time to read my email, Wade Lakey Hamlin, TX P.S. please excuse any grammatical errors. I typed this out on my phone.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:21 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a US citizen I push for our nation to lead in high profile areas such as space travel. Space X is creating jobs, growing/birthing new industrial sectors, breaking stagnation and generating a breeding ground for innovators and innovations. At the same time our Government should be a leader in protecting our environment, as we only have one and cannot survive without it in its present condition. I approve of a case by case tiered permitting. This will allow for maximum rapid prototyping and development. Space X and Mr. Musk, I believe, are committed green and will offset any negative environmental impacts with equal or greater positives. Thank you, Jon Hagopian Apex NC.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello FAA assessment team and co, I would like to voice my support for Space X to continue expanding their launch services from their current locations, including Starship and Super heavy. The USA has always been open and welcoming me to innovation and "the next best thing" and this is a perfect example of how we can maintain that wonderful goal and progress. Please do allow save x to continue to expand and ensure that we maintain our lead position in the world. Best regards, Jonathan Wiley

From: [REDACTED]
Sent: Friday, September 17, 2021 3:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please authorize the Boca chica permit! Honestly it's a net gain for humanity and I really want to visit the USA to see starship launch! In terms of the ecological impact, I think the ability to have a satellite internet will drastically reduce carbon emissions and much lower mining impact. I'd like to see spacex invest in carbon capture to offset the rocket propellant, but again net benefit.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I express my support for SpaceX's proposal.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:16 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I should hope that cameron county and the state of texas and its residents stand behind spacex and their mission to make life multiplanitary. Spacex not only furthers humans but it directly brings business to bocca chica and surrounding areas and employs thousands of hardworking americans from all around the country.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To Whom it May Concern, Let SpaceX fly the Starship Heavy. Do not get in the way of their efforts. The reason the dinosaurs aren't here today is because they were not an advanced multi-planetary species. Given the probability of a catastrophic event occurring again, we must act now. Humans should strive to become a multi-planetary species as quickly as possible. Governments must know their place in a modern capitalist society. Balance the scales while letting the free market operate without heavy intervention. This means getting out of the way of enterprises like SpaceX. NASA has failed to produce reusable rockets at the scale and efficiency of SpaceX. In fact, NASA continues to produce the SLS rocket, which is not reusable, instead of discarding the project and starting over. Let SpaceX fly. Eve Klein

From: [REDACTED]
Sent: Friday, September 17, 2021 7:16 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I have traveled to Boca Chica just as SpaceX was beginning to build it's first test article there. I noticed the areas that were fenced off and where the initial buildings were constructed was not quite as marshy as most of the area. I have watching their progress on video and images taken from aircraft and they seem to be able to use the land they have and yet allow most of the marsh land to remain relatively unscarred. I support their continued activities on the land allowed. I also expect that the State of Texas, Camaron County, and the US Government to insure the land and marshes are returned to their former condition by SpaceX when they no longer need the location.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:14 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Just do it for heaven's sake. SpaceX know what they are doing. Let's get back to the Moon and on to Mars. No other organisation is capable of doing this in the near term, not even NASA. The environmental impact is trivial. What are you waiting for?

From: [REDACTED]
Sent: Friday, September 17, 2021 3:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I unreservedly support approval of the amended EIA for Starship/Superheavy operations at Boca Chica, Texas.
Bryan Livingston Argyle, Texas

From: [REDACTED]
Sent: Friday, September 17, 2021 3:11 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please do whatever is necessary to cut through the red tape and allow SpaceX to continue it's progress in Boca Chica. Whatever minimal environmental impact there may be, it is nothing compared to the tremendous good that will come from becoming a space fairing civilization. Thank you, Nick Barreiro Nolensville, TN

From: [REDACTED]
Sent: Friday, September 17, 2021 3:05 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My family and I fully support @SpaceX and their application for Starship - they are giving us hope for a brighter future for all human kind. I am proud of their approach and level of responsibility and care for others in their local community in Boca China and the world at large. We can trust them in moving forward responsibly. Thank you - Shiraz Akmal

From: [REDACTED]
Sent: Friday, September 17, 2021 3:04 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Nadie hace más que la NASA y SpaceX por llevarnos más allá de la órbita terrestre baja (LEO). Todo mi apoyo a éstas grandes iniciativas de éstos gigantes del espacio! Desde Mendoza, Argentina.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:04 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I would like to express my support for spaceX and the starship rocket specifically. Thank you for the opportunity to provide comments.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:57 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'm writing in support of SpaceX's regulatory approval of super heavy launches from Boca Chica Texas. America's space and technology dominance have been in decline the last several decades. We desperately need disrupters like SpaceX and Elon Musk to push us forward and fight the mire of bureaucracy that has slowed and stalled advancement. Please allow for a swift path forward. Thanks, Max Bona

From: [REDACTED]
Sent: Friday, September 17, 2021 2:54 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My hope is that the FAA and SpaceX have a close partnership. A lot of SpaceX fans will urge the FAA to help their endeavor in any way possible. While I agree with the sentiment I urge SpaceX to respect the boundaries laid out by the FAA. The safety and health of citizens and our environment are paramount. With that said it is known SpaceX has a high cadence of testing and has proven it's commitment to safety. I hope that the FAA can utilize more resources to make sure they can keep up with this high pace company. Russell Sutton, Michigan

From: [REDACTED]
Sent: Friday, September 17, 2021 2:52 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in favor of allowing SpaceX to launch the Starship with heavy booster.

From: [REDACTED]
Sent: Friday, September 17, 2021 7:12 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello FAA, I am writing to encourage the approval of the SpaceX Starship / Super Heavy Program. The efforts of SpaceX to further humankind's reach into space is awakening the long quiet type of human unity we felt as a planet in the days of the Apollo mission achievements. We need this type of worldwide excitement and sense of human accomplishment now more than ever! I know that there are important factors to consider, but please push forward through these quickly. This moment of technological development can do far more good for the people of our planet than any concerns of harm that are being raised. Please consider the bigger picture of human accomplishment and worldwide unity when making your decisions and in the timing of those decisions. Thank you, Lance Kammer

From: [REDACTED]
Sent: Friday, September 17, 2021 2:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Starship in Boca Chica is this century's Wright brothers in Dayton Ohio: essential to the development of low-cost, routine access to space. THANK YOU FAA for your contributions to the safe conduct of Starship tests thus far, and please be as flexible as possible as bringing this new planetary technology to fruition. Jim Hartley Frederick, MD [REDACTED]

From: [REDACTED]
Sent: Friday, September 17, 2021 2:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The FAA has a duty to require SpaceX to protect ESA-listed animals with critical habitats, namely Piping Plovers. Without restrictions and mechanisms to ensure compliance, SpaceX will surely exceed reparable harms to these irreplaceable birds, given previous actions have consistently exceeded the bounds of their permits. Oversight is critical here, and SpaceX must protect this critical national resource, else it face consequences. Protect the Piping Plovers.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX go for launch...

From: [REDACTED]
Sent: Friday, September 17, 2021 2:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, Enviromental and safety measures are of the highest importance, and so I congratulate your work, contribution to both. However, what SpaceX is trying to achieve, I believe it justifies whatever is going on at Boca Chica TX. It seems to be crucial for mankind's future. SpaceX is moving at great speed and I would like you to help them achieve the goal, faster, safer : make humanity multiplanetary. Thank you for even reading this. Regards, Chris Matsoukas.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:45 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I wish to comment on the planned coming launch of SpaceX Starship/Superheavy vehicle from Starbase, Boca Chica, Texas. This launch is very important to people of the United States for advancement of space access and advancement of human space exploration. Achievement of a fully reusable and affordable vehicle that can place large cargos in to orbit is necessary for our advancement in space. Much research, engineering and trials has resulted with such a vehicle. Time is of the essence as a way to achieve advancement is important and should not be impeaded. I hope all government agencies will see this need and cooperate with this important goal. Sincerely, Philip Moyers

From: [REDACTED]
Sent: Friday, September 17, 2021 2:44 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

For science and to maximise the chance of a greater future for humanity, keep up the stellar work. I humbly thank all parties involved in this process for inspiring the next generation, and bringing the spark back to space travel.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:43 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX has routinely shown a willingness to reduce its environmental impact in any way possible. SpaceX's launch plans avoid important rivers and lakes and fuels and sounds are no more polluting than current rockets launched from the U.S., Russia, or China. The value of investment into the surrounding community will vastly outweigh any current environmental impact.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:42 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Understanding that the activities of spacex have an impact on the area, as any project does. I urge the FAA to understand that the purpose of space exploration is an important goal that our species future depends on. If the impacts on the surrounding area are acceptable, it is imperative that projects such as these are encouraged. For the good of all mankind.

From: [REDACTED]
Sent: Friday, September 17, 2021 2:42 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

This project needs to be approved, it's one of the most important things man has ever done. Starship is truly the gateway to the stars and mankind on Mars.

From: [REDACTED]
Sent: Friday, September 17, 2021 7:09 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe SpaceX is the future of humanity. I am 100% in favour of everything they do and stand for. Elon Musk's vision of what the world should be aligns with what everyone should want for our planet and the future of humanity in space.

From: [REDACTED]
Sent: Friday, September 17, 2021 7:05 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

This FAA report should include an assessment of potential human injury/death and property damage should such a large rocket system go out of control and/or partially or fully explode within various distances of the launch pad. While such findings may or may not result in prohibiting the launch of such large rockets within 30 kilometers of a populated area, people living near the SpaceX launch facility deserve to be made aware of the potential dangers and make their own decisions.

From: [REDACTED]
Sent: Friday, September 17, 2021 7:05 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Having reviewed the draft PEA for the Starship/Super Heavy program, I am writing to voice my support for the preferred alternative, to issue the license and allow SpaceX to pursue suborbital and orbital test flights. As you're aware, the Secretary is charged with supporting the commercialization for the benefit of exploration and cost reduction. Regards, Andrew Tyler [REDACTED]

From: [REDACTED]
Sent: Friday, September 17, 2021 7:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX has been a boon to the area's ecology, economy, morale, and tourism. We began yearly trips to SPI in 2019, partly to see the then nascent facility. The beach was empty, as was the poorly maintained road. We went in June of this year, and found a lot more people going to the beach, and the village itself full of solar powered homes and vibrant. The road is a far better road, and there were a lot more rocket tourists. Amazing to see rockets without nasty kerosene or hydrazine. For all the industrial work, none of the usual industrial smells. Not surprising for the man who brought EVs from obscure comedy to be serious and widely accepted machines. This Texan and yearly tourist to Starbase, and his family wholeheartedly encourage the FAA to allow SpaceX to grow the area, as they work to get us to the moon and Mars.

From: [REDACTED]
Sent: Friday, September 17, 2021 8:20 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX already had permission to launch from Boca Chica with Falcon 9 and Falcon Heavy. Launches of Super Heavy Starship won't have much greater impact on the public or the environment. I support granting SpaceX permission to launch Super Heavy Starship from Boca Chica. It is important for the economy, space exploration, national security and engineering innovation. It will also have a positive impact on public safety and the environment by lowering the cost of access to space. This will result in more earth facing satellites for communications, as well as weather, climate, and environmental monitoring and forecasting. Negative impacts in and around Boca Chica will be more than offset by the positive impacts.

From: [REDACTED]
Sent: Friday, September 17, 2021 7:02 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Mr. Musk through his work ethic, intelligence, foresight, planning, and leadership could possibly be the only person in the world who could inspire a team of engineers, rocket scientists, construction workers, logistic people, etc. (i.e. SpaceX) to get our human species to become multiplanetary. The FAA should allow him and SpaceX the utmost leeway in this endeavor to not slow down their progress. Any red tape could mean the difference between goal accomplishment and failure. Even a delay long enough to allow an Asteroid or some other extinction event to occur may mean the difference between the survival of human beings or their (our) extinction. SpaceX has proven that they are a very cautious and safe organization even though they move quickly and innovate at breakneck speeds. I live in Corpus Christi, TX and I can truly say that some rocket noise, some disturbed birds or sea turtles, or a local not being able to go fishing on a 2 or 3 mile stretch of beach is a very microscopic price to pay when compared to making humanity multiplanetary or allowing humanity to benefit from truly worldwide high speed internet through SpaceX's Starlink project. Please allow SpaceX and Elon to do these mind-blowing missions/services for us!!!!

From: [REDACTED]
Sent: Friday, September 17, 2021 6:57 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, Thank you for this opportunity to comment on the SpaceX Starship project in Boca Chica, Texas. I wanted you to know that I wholeheartedly support what Mr. Musk is doing in terms of his Starship project, which will not only support NASA's return to the moon but also myriad other good projects for humankind, including hopefully making us a multiplanetary species. Please grant SpaceX the launch license they need to start this wondrous project. Sincerely, John Blair Brooklyn, Michigan

From: [REDACTED]
Sent: Friday, September 17, 2021 6:51 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpeceX is following in the steps of NASA, some of the more protected and successful wildlife reserves are around the NASA launch sites. I see no reason why SpaceX shouldn't;t follow this model despite the noise of spacecraft launches. Also, the significance to the world of what SpaceX is doing at this site should be taken into consideration. Regards Tony Searle

From: [REDACTED]
Sent: Friday, September 17, 2021 6:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am okay with spacex

From: [REDACTED]
Sent: Friday, September 17, 2021 6:49 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please approve spacex to continue with starship and Superheavy operations. They are making huge leaps for human kind and we need that to spread consciences to other planets.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'm writing to encourage the FAA to allow SpaceX to operate Starship and Super Heavy at the Boca Chica site with as little interference as possible. After reviewing the PEA, it's clear that SpaceX is going out of its way to ameliorate its environmental impact and ensure the safety of the public. Moreover, a limitation of five launches per year is inadequate for our nation's future in space. Thank you for your consideration, Sincerely, Rev. Theodore (Ted) Carnahan

From: [REDACTED]
Sent: Friday, September 17, 2021 6:41 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow SpaceX to continue forward with finding new ways to protect the environment through their innovative technology.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, Please allow SpaceX. To continue their work in Boca Chica . This is one of the most important projects of our time. I am sure they will follow any guidelines that are put in place to protect the local environment. Thank you Paul Weiler

From: [REDACTED]
Sent: Friday, September 17, 2021 6:36 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hi FAA, Starship development is one of the most inspiring and important pieces of innovation coming out of the USA today. Stopping this development would not only stunt human development but also give our national adversaries an advantage in the single most important industry of the next 50 years. If avian habitats are in danger, then charge SpaceX to relocate and improve those habitats. They have the funds to handle this responsibly. If they're not open to it, then charge them in exchange for launch authorization. While the short term environmental calculus might nudge you towards pausing development, the long term view is far more stark. Other super powers care less about the environment and about disadvantaged people or animal species. We must maintain our place in space to maintain our place of defending the environment here on Earth. This Earth is headed towards catastrophe. We can't unify around an obvious value to us all, because humans don't unite for something - they unify against something. We must find a world beyond Earth for Earth to unite. This review is the first step.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:34 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is doing the most inspiring work of any company in the world to further the human reach beyond the earth. Many countries see this and now look to America now for inspiration. They achieved what was said to be impossible! They deserve all our support to continue this work. Please support them in any way you can.

From: [REDACTED]
Sent: Friday, September 17, 2021 8:19 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX and its goals are important for humanity. History will likely look upon them as pivotal in making humanity multi-planetary and their efforts in Boca Chica are key to this. While there is always a need to protect the local environment, the efforts of SpaceX in Boca Chica should be supported and not stymied. In this modern era, there is nowhere that a company with these sorts of aspirations can go that would have zero impact on the environment. However, they have chosen as remote a location as could be hoped for and their presence there is a force for good and positive change for surrounding communities. SpaceX innovates and leads the industry in making space travel more environmentally responsible by developing a FULLY reusable launch system.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:33 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

There is no greater engineering project going on in the world right now. This project will make ever American proud again.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:22 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would like to comment in support of SpaceX's Starship/Super Heavy program in Boca Chica, Texas. I was happy to read in the assessment that for the majority of environmental categories there is no significant impact and that the few points of concern can be mitigated. Not only has the program been inspiring to follow for many, but the success of the program will have real impacts on improving accessibility to space, enabling further advancements to science, technology and human exploration while also reducing the cost of these activities to tax payers for government missions. There are few places in the world as ideally suited as Boca Chica to support a space launch facility. This opportunity should be taken. The road and beach closures resulting from space flight activities will help to reduce the impact of human activity on the local wildlife and the presence of the launch site will ensure that the surrounding land is never developed and left in its natural state. As we've seen with Kennedy Space Center and Vandenberg Space Force Base, a launch facility and wildlife can coexist and thrive together.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:21 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX will take us to the Moon and Mars. They are operating with very high safety margins even though that doesn't imply zero failures. I believe it's vital to allow them to continue to lead and to achieve these goals. I fully support their projects including launching Superheavies and Starships to achieve these goals.

From: [REDACTED]
Sent: Friday, September 17, 2021 6:01 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern: I enthusiastically endorse this plan and strongly encourage you to fully support SpaceX's stated goals at Boca Chica! Sincerely, Nicholas Kadrlik

From: [REDACTED]
Sent: Friday, September 17, 2021 6:00 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please approve the launch license for Starship and super heavy. Please also approve the launch facility in Boca Chica, Starbase Texas. If humans are ever going to explore different planets and live on other celestial bodies other than Earth, this vehicle and this facility is the first stepping stones to do so. Please do not hinder our species best shot at getting to Mars and eventually building colonies on other planets and moons by denying this spectacular spaceship, launch booster, and launch facility the opportunity and chance to do so. Respectfully,
Dustin Jennings

From: [REDACTED]
Sent: Friday, September 17, 2021 5:57 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, I fully support this program. Dan Hornbeck

From: [REDACTED]
Sent: Friday, September 17, 2021 5:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it concerns, I wish to voice my support for SpaceX's proposed spaceflight activities in Boca Chica. SpaceX has a proven track-record of providing innovative and exceptional capability to the US, at a breakneck speed and low cost. NASA has chosen Starship as a critical component of America's return to the lunar surface with the HLS award, for which the rapid development and testing in Boca Chica is crucial. I've been completely satisfied with SpaceX's efforts to contain debris, clean up after a flight termination or RUD, and care for local wildlife. And I believe the impact to residents caused by additional road/beach closures is minuscule compared to the economic value SpaceX has provided the region by creating thousands of jobs and inspiring thousands more tourists to visit Boca Chica and support local businesses. -Nathan Price

From: [REDACTED]
Sent: Friday, September 17, 2021 5:53 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello! I just wanted to write in with my support for SpaceX and their programs in TX. It seems like everything these days is polarizing. We live in a polarizing word in a polarizing time. It is difficult to be motivated these days and many people are looking to the past and future to gain some hope. I was too young to be a part of the Space Race and seeing the moon landing, but from what I was taught and saw, these events brought together nations and the world. This has been missing for decades minus tragedies (9/11) and small events (sporting events, politics). I want to live in a world that has potential. Problems are solved and humanity is working on solutions that help all of mankind. Space exploration and expanding our ability to travel the cosmos is a possibility in our lifetimes... if we support it and do not tie it up in political red tape or have groups with ulterior motives making it harder. I fully support SpaceX's growth and future missions. Please be involved and help give direction (safety, regulations, etc), but please do not become one of the organizations that stands in the way of progress. Thank you for your time and for also doing your diligence. Humanity thanks you in advance.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:52 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Federal Aviation Administration, I am writing because I am heavily motivated by a sense of progress and advancement in human spaceflight for our country. As a 29 year old living in America, I have high expectations for efforts to make spaceflight a more common occurrence. It's lost on many that we are living in the 3rd decade of the 21st century. My generation has seen rate of progress slide in a downward trend. Approval of this proposal would help turn that trend in the other direction. The only way to make spaceflight commonplace is to test the technology on a much more common and routine cadence. Hope to hear more from others that share the same expectations and goals. Best, William Blaney

From: [REDACTED]
Sent: Friday, September 17, 2021 8:17 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I voice my strongest support for full implementation of Starship / Super Heavy operations in Boca Chica. The tiny environmental impact is more than mitigated by the benefits of to the economy, and to humanity.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:51 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support allowing SPaceX launches with a mitigated FONSI. For example prohibiting launches when sea turtles are coming ashore or when they are hatching. Other impacts seem minimal. Douglas MacNeil Westfield, NJ

From: [REDACTED]
Sent: Friday, September 17, 2021 5:49 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Give Space X their license. We should not delay humanity's place amongst the stars. China is quickly becoming a powerful space faring nation. Super heavy will help maintain US superiority in space

From: [REDACTED]
Sent: Friday, September 17, 2021 5:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA officer, I am a student in Penn State University. I read through the review posted regarding spacex superheavy and starship project. I think it is totally reasonable to let spacex conduct their testing of the rockets. Spacex has already successfully landed starship sn15 during it's test flight. Plus, they also have experience producing several most successful reusable rockets in the world. Thus, please consider granting them the permission to enable the test flight of the rockets. Making human multi-planetry is a collective effort. I will be thrilled if I can see that happen in the rest of my life! Best, Daniel

From: [REDACTED]
Sent: Friday, September 17, 2021 5:45 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support SpaceX's proposals.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:37 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think that the work SpaceX is doing in Boca Chica is critical to the USA being at the forefront of of space exploration, travel, manufacture, and technology. I wholeheartedly support all the work they do and would like to see them continue to progress at this site.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Isn't it easier to use some common sense, rather than always chase litigation on all levels. Surely it's time to realise that most of it is about stopping progress. From my simple mind it appears that most things that impinge on someone else's way of increasing their wealth meets with all of this bureaucratic nonsense. What in the world has a few small burned up pieces of steel or other materials going to do to substantially add to the amount of junk that is already being disposed of in some unfavourable way in the world at this time. In fact from my thoughts it appears to me that Space X is also going to clean up the amount of junk in orbit with these ships. It's very shortsighted trying to stop this advancement probably because some billionaire clogs up the legal system and progress with yet another complaint based on spurious legality. Good grief, I only have about a max ten years left on earth, in my 75 years, 53 years as a Civil Engineer, I have seen incredible advances in all areas of technology and I would hate to see the advancements that Space X are making to be stifled. It wasn't many years before I was born that even flight was a pie in the sky dream. Kind Regards, John Hollioake MIEAust

From: [REDACTED]
Sent: Friday, September 17, 2021 5:32 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let the starship fly

From: [REDACTED]
Sent: Friday, September 17, 2021 5:30 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am strongly in favor of approving the SpaceX Super Heavy / Starship program. It is critical for American competitiveness and moving humanity forward to proceed with this program as quickly as possible.

From: [REDACTED]
Sent: Friday, September 17, 2021 8:12 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think spaceX's launch and subsequent developments not only have no impact on the local environment and so on, but also have significant implications for the future of human spaceflight. This is a very valuable pioneering exploration and I fully support it.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:27 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, The Starship program is an inspiration. As an aerospace engineering student, it would be a great loss to see it halted. I'm no expert on the environmental issues at hand. However, I encourage cooperation with, and support of SpaceX in addressing these issues. This program is vital to human progress. Kind regards, Riley

From: [REDACTED]
Sent: Friday, September 17, 2021 5:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Stay out of SpaceX's way and let them launch. They are doing more than th government ever can or will. Don't be a hindrance, let them launch

From: [REDACTED]
Sent: Friday, September 17, 2021 5:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As an Iraq veteran of our United States Army, I have witnessed firsthand what waste and environmental harm can be generated by accomplishing a mission that needs done, but in a way that does not embrace reusability and refurbishment of expensive equipment. The reusability of the SpaceX Starship and Super Heavy charts a new path forward for both sustainability as well as pushing the boundaries of what humanity and our nation are capable of. I look forward to seeing what will be accomplished, and await the future not with fear but with excitement and optimism, and I know that SpaceX serves as a similar source of inspiration for many Americans.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:24 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

While environmental impact assessments are - of course - critically important, they should not be absolute. The scales that measure the effects of the "greater good" of a project vs the negative environmental impacts should always be flexible enough to bend when necessary, otherwise progress in any form would be in peril. Yes, there are those who would volunteer themselves and all others to a life of cave dwelling and even measures far more extreme in the name of environmental perfectionism. However, that is not a reasonable solution. It affords no balance between advancement of humankind and protection of this planet. I feel it is reasonable to take a fair look at what SpaceX has already accomplished, how effectively they have achieved results, what they have already done to minimize environmental impacts, and say "Yes. This is worth it. This is what we - the entirety of the human species - will need to do if we are to survive." We freely - and fairly - speak of "future generations" when we discuss protecting the environment. This is a truth that we cannot ignore. It can be an uncomfortable truth when it conflicts with our comforts, our luxuries, our daily lives. But here is another truth: no matter how perfectly we care for this planet, no matter how grand and effective our goals of "leave no trace" may be... a time will come when future generations will need to move beyond this beautiful planet in order to survive. This is not hyperbole. It is an inevitability. It may come by our own hand, by nature itself, or even from the cosmos we all stare at with wonder and awe. But it will come. SpaceX and the project at Boca Chica should be allowed to progress, not because I choose to ignore future generations, but because I love them as dearly as I love my children. And like my children, I know someday they will need to move away and start anew. I believe we are capable of protecting this planet while we simultaneously prepare for our inevitable journey beyond. We can find the balance and do both. We are ready.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:22 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in full support of permitting SpaceX to launch starship/super heavy from the Boca Chica facility. I sincerely hope that the government, the Boca Chica community, and SpaceX can find a reasonable way for SpaceX to proceed in consideration of the environment and unimpeded in their plans to make humanity a space-faring civilization. Thank you, John Ott

From: [REDACTED]
Sent: Friday, September 17, 2021 5:20 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The SpaceX Starship program is a critical step for the survival of the human species. One has to look no further than Earth's own past mass extinction events to realize that if we don't progress to become a multi-planetary species, it is a matter of when not if, we go extinct. Furthermore, the technologies developed colonizing Mars will greatly benefit our own planet and all of its inhabitants, regardless of species. It would not be in the best interest of mankind, planet Earth, or any of its inhabitants to stifle the incredible progress SpaceX is making. V/R
Nathan W. La Rue, MSgt (retired), USAF

From: [REDACTED]
Sent: Friday, September 17, 2021 5:10 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support spacex and starship program for the good of humanity!

From: [REDACTED]
Sent: Friday, September 17, 2021 5:10 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I'm writing today to express my thoughts and feelings on the SpaceX boca chica launch site, and I would like to start by stating that I support the approval of the launch license to SpaceX boca chica. I am not anybody particularly important or noteworthy, I am just an apprentice electrician from Colorado. I understand the concerns of those who oppose this development, the environment is important, after all. But, I believe that if we as a species are to actually commit to solving all of our problems, we must have a future to look forward to. I believe that starship is an important symbol of what's to come, that future that we need to strive for. And I believe that the US government is beginning to see the potential behind Starship, too, with all of the news I'm hearing. I hope to see SpaceX continue to push the boundaries of what was once thought impossible, swiftly yet safely. -Ryan Cook

From: [REDACTED]
Sent: Friday, September 17, 2021 5:06 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow for a fully open launch site SpaceX is a responsible company, please dont place restrictions on them.
Alex Banman

From: [REDACTED]
Sent: Friday, September 17, 2021 5:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support this facility and urge approval. Thank you for your time. Robert J Tappan Woodbridge, CT

From: [REDACTED]
Sent: Friday, September 17, 2021 8:10 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The safety of the Starship system must be addressed by qualified experts at the FAA and at SpaceX. The public's concerns, beyond the risk of injury or destruction from rocket anomalies, are noise, beach access, disturbance of wildlife, and pollution. Each of these concerns has merit. I would argue that the low frequency of launches from Boca Chica would be such that noise would not pose a problem to human beings. If launches took place daily, then yes, it probably would. Beach access could be solved ideally by developing another route to the oceanfront. In the meantime, this issue should be no more of a concern than it is right now before any full-stack Starship launches will have taken place. Disturbance of wildlife is a legitimate worry. I don't think there's any doubt that a launch event would create a lot of noise and vibration that would impact birds and ground-dwelling creatures. It seems unlikely that However, it seems unlikely that it would cause injuries or fatalities. Rather the question is whether it would cause permanent disruption to the habits and healthy behavioral patterns of the animals. Until launches took place, I don't see how that question can be answered. A second question would be that if Starship launches did adversely impact animals in the area, is that a price that society would be willing to pay for the enormous economic, technological, and scientific benefits that the system and SpaceX's presence at Boca Chica will bring? Pollution from rockets is not really a major concern. Studies have been conducted on this subject, and considering the anticipated low frequency of launches that would take place during the testing and development campaign at the site, it shouldn't become an issue. I support the FAA's approval of SpaceX's use of Boca Chica for Strship full stack launches for the near term. Thank you for your attention.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

We are so grateful to have a government agency that not only looks out for the safety of our citizens but understands the importance of partnering with exceptional entrepreneurial companies like SpaceX. You will be remembered as a positive partner in accelerating forward the conquest of space by the U.S. and humanity. Thank you.

From: [REDACTED]
Sent: Friday, September 17, 2021 5:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I do believe that America's future in space would be severely set back by putting substantial obstacles in the way of the starship development program. I encourage the FAA to begin licensing Starship and Super-Heavy flights as quickly as possible, assuming that SpaceX is taking all reasonable steps. Thank you!

From: [REDACTED]
Sent: Friday, September 17, 2021 5:02 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am convinced that the value of the mission into space be it voyages to the moon, mars or beyond drastically outweighs the possibility of short term environmental impact that SpaceX may not be able to directly control. The work and vision being executed must continue for the future of humanity. Thank you.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:57 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a taxpayer and citizen of the USA I most favorably support SpaceX's work and development of space exploration technology and equipment development. I firmly support SpaceX work to supply the most advanced and affordable systems to achieve technical leadership and accomplishment of goals to explore our solar system and provide world wide service. I'm am satisfied with the methods used by SpaceX to accommodate residents and community near Boca Chica, Tx and would like to see an expeditious approval of permits to keep on track and encourage the progress SpaceX represents. Thank you Norbert Pestana

From: [REDACTED]
Sent: Friday, September 17, 2021 4:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support the proposed development of the SpaceX Boca Chica launch facility. In the interest of the betterment of this country, SpaceX should be allowed to develop as needed per FAA regulations In Boca Chica Texas.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let them fly. We need to be a space fairing civilization.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

In my opinion the FAA needs to step aside and allow the professionals at spacex advance humanity. Let's be real here. There is very little environmental impact. Get out of the way and let humanity move to the stars. For your information I have contacted my senator and voiced my support for spacex. I find it offensive that the FAA is slowing down the progress of making human life multi planetary. The world is watching. You will be judged.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concerns, My name is Marco Boucher and I fully support SpaceX's Starship/Super Heavy project to the Moon, Mars and beyond. Space innovation will ultimately help humanity improve in many fields such as medical, science, environmental, etc. The research and development that will be enabled by SpaceX's missions is unprecedented and a giant leap for humanity. Thank you for reading this, Marco

From: [REDACTED]
Sent: Friday, September 17, 2021 8:05 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

FAA should approve this launch because success in space x to explore other planets would give hope to the upcoming generation. Previous and current generation living in the industrial revolution has destroyed the earth and soon or later, human beings are going to become extinct. Space x by far is the most advanced rocket launch company in the world and its the only company capable of colonizing mars, moon and other planets. SPACE X IS THE ONLY HOPE TO HUMANITY NOT TO BE EXTINCT. I wake up everyday with a smile on my face knowing my children , grand children and my great great grand children will have a better future and not to worry of where to go because earth is deteriorating.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let them launch! We are extremely lucky to have spaceX working towards becoming a multi planetary species. The rate of progress and innovation is incredible and deserves praise. All the technological advancements will trickle down to every day life here on earth as well. I am rooting for SpaceX and can't wait to see the first orbital starship launch!

From: [REDACTED]
Sent: Friday, September 17, 2021 4:38 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, I have been following developments of Starship/SuperHeavy for over two years now and it has reinvigorated my passion and interests in space and physics. I believe what the program has the potential to redefine humanities futures while encouraging the developing of support technologies that will be beneficial to life on Mars as well as helping us solve our own environmental problems here on Earth. The Starship/Superheavy program will also significantly benefit our national interests: 1. Assured access to space. 2. Strategic interests on the Moon and Mars. 3. Rapid transportation of national assets to most places on Earth. 4. Protect against China doing on the moon what they are doing in the South China Sea, should they establish a moon base first. In summary, please approve this EA to help propel humanity into the future. Sincerely, Alex Fancy

From: [REDACTED]
Sent: Friday, September 17, 2021 4:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello regarding the release of the Draft PEA I would like to know what concerns SpaceX will have with the wildlife out there. If they won't be able to do the Starship/Super heavy activities such as launches or expansion of the launch site because of it. That's what I believe should be the main regards to get the project approved or not. Thank you- Cameron county resident.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:34 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I stand in favour of ongoing, future development and mutual governance of SpaceX at Boca Chica, Texas.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:33 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My family is all for SpaceX and super heavy launch site in boca Chica Texas. We are Texas residents and are excited at the prospects of SpaceX, bringing proposed launches to Boca Chica. We as a nation need to pull together to further enhance our possibilities for space and planet travel. Elon musk and SpaceX are the new pioneers helping lead the way. We need to back SpaceX in these endeavors

From: [REDACTED]
Sent: Friday, September 17, 2021 4:29 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear current administration, we all know the negatives to rocket launches, but most of us also realize that those negatives pail in comparison to the positives that can be realized through mankind's reach for the stars. I can already see the excitement in my children when they see videos and pictures from Inspiration4. We have been to NASA Houston several times and can't tell you how proud we are that we will have a launch facility in our own state of Texas. Many of my friends and family are also eager to see what SpaceX and NASA can do. Thank you for your time.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:28 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hi, I'm Townsend Coleman, a 67 year old voice actor in Los Angeles. I've been a keen observer of Elon Musk and his various ventures for years. In my work voicing characters for cartoons since 1985 (voice of Michelangelo on the original TMNT cartoon), I often make appearances at Comic Cons around the country. One such appearance was 2 years ago at RGV FanFest, in the Rio Grande Valley area of south Texas. It was during that trip that I became aware of what SpaceX was doing in Boca Chica, and have been following their progress with great interest ever since. One of the things that struck me was how excited and supportive all the locals I spoke to appeared to be. There was a palpable sense that they felt SpaceX's presence would be a huge boon to the area economically, socially, and technologically. Frankly, I haven't been as excited as I am about what SpaceX is attempting with Starship, since I remember gathering around the TV with my family watching Neil Armstrong step on the Moon 52 years ago. What is happening in Boca Chica right now is as history-making, if not more so, than anything NASA has done since the days of Apollo 11. If it were not for Elon Musk's tenacity and his doggedly pressing ahead with his profound vision for the future, America would not be currently back in the business of launching astronauts and cargo to the ISS from its own soil. And the current Inspiration-4 mission with 4 *civilians* now orbiting the globe at an altitude that no human has been launched to in over 50 years would never have happened were it not for Elon Musk soldiering ahead, despite legions of nay-sayers. It's simply fantastical and historic what SpaceX is doing. I'm begging the FAA to strongly consider the great good that SpaceX is doing and the mighty advances they're making in Boca Chica, stuff we've never seen in our lifetimes. Please clear the way for them to proceed with the Starship/SuperHeavy program unabated, and the test launch that they've been preparing for. I truly believe we as a civilization need this... and that years from now, mankind will look back on this particular point in time as being the genesis of us becoming a multi planetary species. Thanks so much and... COWABUNGA!! Townsend Coleman

From: [REDACTED]
Sent: Friday, September 17, 2021 4:28 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

This is the Manhattan Project of our generation! Let them fly!

From: [REDACTED]
Sent: Friday, September 17, 2021 4:26 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello! I am writing this as a public comment for SpaceX's Starship program in Boca Chica. I thank you for giving everyone the opportunity to write in for public comments. I understand the Environmental Assessment the FAA put forward for public viewing has concerns for the local wildlife refuge and other surrounding areas. I commend your commitment to protect said areas during launch of SpaceX's Starship vehicles. I write to you that I believe SpaceX is fully capable of demonstrating the safety for nearby areas during launch and has kept that a focus during previous launch attempts. I have full confidence that they will continue demonstrating these safety measures in future Starship launches and landings of its booster and main vehicle. Thank You Dakota Hilliard

From: [REDACTED]
Sent: Friday, September 17, 2021 4:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would like to officially submit my support for SpaceX to conduct Starship/Super Heavy launch operations from the Boca Chica Launch Site in Cameron County, Texas. I believe the team at SpaceX will advance humankind to become multi-planetary. I also believe this is the next step in human evolution and necessary to avoid a catastrophic event wiping out the only life we know of in the universe. This path will also lead us to potentially discovering other life in our solar system / universe. Most importantly, SpaceX is empowering new generations to explore the world and space. It is truly inspirational and I hope that the FAA and the general public support private companies and government agencies to advance science and technology to help humankind - whether that be on Earth or beyond.

From: [REDACTED]
Sent: Friday, September 17, 2021 8:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a SpaceX fan and support. Please FAA don't stop SpaceX for launching reusable rockets from bocaciha. the future of Mankind to be coming a multiplanetary species is on your hands

From: [REDACTED]
Sent: Friday, September 17, 2021 4:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, I believe that spacex should be allowed to test and launch booster 4 and starship 20. This will be for the betterment of the human race and will allow innovation to come back to the space industry. Thank you.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe in SpaceX and their ability to achieve their goals. I agree with their decision making and their morals.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:12 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am very excited to see SpaceX and Starship doing so well. What a great credit to the USA! Amanda Maloney

From: [REDACTED]
Sent: Friday, September 17, 2021 4:10 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Spacex is the future please let them fly.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:09 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is the new generation. If we are worried about polluting the environment, then lets red card Ford or Volkswagen or any of the many car and transportation industries that DO cause pollution. Any of SpaceX's pollution is towered a goal that will help humanity bind together and expand are knowledge of our surroundings. All the pollution from the automotive industry is from Transportation, nothing more and nothing less. its not aimed at educating are self's and its not aimed at better understanding are surroundings. its just transportation

From: [REDACTED]
Sent: Friday, September 17, 2021 4:07 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I absolutely support this project. The humanity needs it!

From: [REDACTED]
Sent: Friday, September 17, 2021 4:06 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

We stand at the base of a very tall mountain staring up at the possibility of a bright new future. There are many who would rather look backward but our future demands that we look forward. Clearly there are environmental issues in Texas which can be mitigated just as the issues at the Kennedy space Center were mitigated. When you go to Kennedy can see the alligators and the lush green areas and yet our launch capability is still whole. Please do not allow the few to put our future on hold forever.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:02 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support the Space X launch site in Texas as well as their offshore launch rig. This site is vital to national security and the advancement of Science and inspiration for all Americans. Thank You.

From: [REDACTED]
Sent: Friday, September 17, 2021 7:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support space x and all it's planned launches

From: [REDACTED]
Sent: Friday, September 17, 2021 4:01 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please support SpaceX mission. They are the sole reason I'm excited about NASA again.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:00 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

It is the very soil of this country that is in the most danger from this era moving forward. Some citizens label this time as the Digital Age or the Age of AI, while others may choose not to title the reigning dynasty that post-modern technology has established within the daily lives of us Homo sapiens. Whether these humans in denial of what our world has become are stubbornly disinterested, or rather dismayed by this issue of unnatural symbiosis between the human and the machine, the truth still stands: artificial intelligence is a force not to be reckoned with, and those who are tampering with this force are merely juggling with the fate of humankind. We must face the fact that modern, twenty-first century technology is utilized on a daily basis by much of our society as a tool for communication, creation, education, etc. Since we have continued to intertwine the threads of our nature with the needles of the machines we created, the reliance within this bond will only strengthen going forward. This is not new, nor foreign to most humans in "non-developed" countries and especially not to those of "developed" countries. In reality, it boils down to the level of excellence in technology. That is what distinguishes these two categories of nations. Here in America, we are developing into an authoritarian country chaperoned by a post-modern giant of technology that is the mass media and the power of artificial intelligence. Day by day, people are experiencing a greater understanding that technology has advanced at an exponential rate within the recent years: This is not Candy Crush anymore. Almost all devices released currently, and certainly those released in the future, are designed to mold to our habits. Just as much as we learn from our devices, our devices learn from us. This sum of data is not left central to itself, yet it's harvested & monetized by the companies who have the will to do so. A proper comprehension of the internet in twenty twenty-one would be this: we are the product. Through predictive programming, marginalized propaganda, fruitful distraction, terrorism and secrecy, the average American now resides under a roof of corruption. The orchestration of world politics and it's societies, on behalf of the globalist elite, could have never been achieved on a scale this large without the application of the internet and/or gain of function research amongst the bounds of meta researching technology. There is a populous of roughly one hundred and fifty individuals who control at least seventy percent of all wealth in the world. Without question, these few harness the most absolutely catastrophic standard for humanity as a whole. There is a major dissatisfaction and/or disassociation that lies in the conversation of this group when regarding the rest of the global population. For some reason, I feel that this is a projection of their own self-image onto humanity. Not only do they have the power & finances to unleash something of alien origin against humankind, they are acting upon their potential at this instance. As previously mentioned, this feat couldn't have been enforced without the destructive engineering and malignant implementation of artificial intelligence into communities across the nation. A disruption of ones solitude in pursuit of happiness is undoubtedly treason against America. We are a country of achievers, successors, and misfits that generate a promise to humankind: liberty. Without the free will that is so godly gifted to us upon entering this life, one is not free. Under the current circumstance, this freedom and American dream that we share is now, more than ever, injured by tyrannical demand driven by the post-modern, technological trojan horse. Through the notion of graceful spread of awareness, maybe we can alert our neighbors about this issue. Although the majority of Americans would rather not veer into the seas of the sharks today, all Americans know the power of the people. We hold these truths to be self-evident: that all men are created equal. This is truth.

From: [REDACTED]
Sent: Friday, September 17, 2021 4:00 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

With spacex planning on lowering cost in getting to space, I say go for approving the Boca Chica site, for making us intelligent beings, multiplanetary.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:59 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Approve space x they're amazing

From: [REDACTED]
Sent: Friday, September 17, 2021 3:58 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I do not think there is any major detrimental impact to the environment. Please let the project proceed. This project ensure NASA has a cost effective solution for space exploration and will eventually save billions of tax payer money.

From: [REDACTED]
Sent: Friday, September 17, 2021 3:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am writing to voice my support for granting approval to SpaceX's proposal to expand its facilities in Boca Chica TX and commence launches of the Starship rocket. I believe the program to be of significant scientific and cultural significance to the country. Best regards, Zachary Hemmelgarn Hoboken, NJ

From: [REDACTED]
Sent: Friday, September 17, 2021 3:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a concerned citizen interested in The USA's competitiveness in space, I fully support SpaceX's upcoming and future launches of Starship from Boca Chica. Thank You, Paul Davis

From: [REDACTED]
Sent: Friday, September 17, 2021 3:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello! I have been keeping up with SpaceX for years now on their amazing advancements in space technology. What they are doing is the equivalent to the Apollo program , please approve starship launches for Boca Chica, it will bring many visitors , which will help stimulate the economy of Brownsville. I visited back in April myself all the way from Wisconsin and I loved it! Please keep this project alive! Thanks

From: [REDACTED]
Sent: Friday, September 17, 2021 3:55 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX operations represent one of the few technically motivating activities in the US today. As a benefactor of the Apollo program in the 60's, I can't over emphasize the importance of such programs to our youth. Apollo inspire me as a youth to follow through with technical degrees and become a practicing automotive safety engineer for over 30 years. We need this kind of engineering excitement in this country. STEM at its best!

From: [REDACTED]
Sent: Friday, September 17, 2021 8:30 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Blue Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As someone who's watched SpaceX Starship program development over the past years, i am in great support of SpaceX and their mission and hope that the FAA would find no significant impact to the environment.

From: David Ramirez <[REDACTED]>
Sent: Friday, September 17, 2021 6:34 PM
To: SpaceXBocaChica
Subject: Grant SpaceX Boca Chica Launch Site All Necessary Permits and Licenses

Categories: Blue Category

To the FAA or rather the future Federal Space and Aviation Administration,

No vision as large as that proposed by Starbase Boca Chica can come without concerns or policy issues related to the environment, public safety, national security, government agencies, foreign policy, insurance, and the like. However, those issues and concerns are more than offset by the unique and potentially ephemeral opportunity to make life interplanetary. Starbase offers a breathtaking opportunity to preserve life and humanity in a manner never before possible. This has the potential to surpass efforts like the Svalbard Global Seed Vault or the many zoos and conservatories across the globe in their life saving capacities. And the impact on preserving human life and the humanities in a larger celestial sphere is deeply inspiring. Let us expand the frontiers of the human condition and life's reach and protect it in every way possible; this included. So in the interest of life, humanity and the FSAA please grant these permits to SpaceX.

Thank you for this comment period,
David Ramirez

From: Taibu Sullivan <[REDACTED]>
Sent: Friday, September 17, 2021 2:57 PM
To: SpaceXBocaChica
Subject: I am in full support of SpaceX and their mission!

Categories: Blue Category

I am in full support of SpaceX and their mission!

West Hills Ca.

From: AaronKeane <[REDACTED]>
Sent: Friday, September 17, 2021 2:55 PM
To: SpaceXBocaChica
Subject: I am sharing 'Draft_PEA_for_SpaceX_Starship_Super_Heavy_at_Boca_Chica' with you
Attachments: Draft_PEA_for_SpaceX_Starship_Super_Heavy_at_Boca_Chica.pdf

Categories: Blue Category

I highly support Elon Musk and Space Exploration Technologies(SpaceX), and I think what they are doing is very important for our future. And will help the future of humanity. They are doing amazing work, keep up the good work Elon Musk and the SpaceX team.

Best wishes

Aaron

From: [REDACTED]
Sent: Friday, September 17, 2021 3:01 PM
To: SpaceXBocaChica
Subject: I Support SpaceX in re PEA

Categories: Blue Category

To: Ms. Stacey Zee
SpaceX PEA, c/o ICF
9300 Lee Highway
Fairfax, VA 22031

Dear Ms. Zee –

I believe SpaceX's work is vital to America's national interest and benefits all humanity. Moreover, SpaceX consistently displays high environmental responsibility.

Please approve SpaceX's environmental assessment without delay so this important work may continue.

Sincerely,

Daniel Menken
[REDACTED]

From: Rand Harper <[REDACTED]>
Sent: Friday, September 17, 2021 3:15 PM
To: SpaceXBocaChica
Subject: I support SpaceX Starship Super Heavy Project

Categories: Blue Category

To whom it may concern,

I am in support of the SpaceX Starship Super Heavy Project at the Boca Chica Launch Site. Space X has demonstrated a commitment to the environment and human welfare. The mission of Space X gives me hope and makes me proud to be an American. We need to support innovation and exploration.

Thank you,
Rand M. Harper

Ph. + [REDACTED]
[REDACTED]

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From: Avikar Agrawaal <[REDACTED]>
Sent: Friday, September 17, 2021 7:47 PM
To: SpaceXBocaChica
Subject: I support SpaceX's Starship project

Categories: Blue Category

Hi,

I support SpaceX's Starship project. This will be great for America.

Thanks
Avi Agrawaal

From: Emmet Tydings <[REDACTED]>
Sent: Friday, September 17, 2021 6:07 PM
To: SpaceXBocaChica
Subject: I support the SpaceX Boca Chica project

Categories: Blue Category

As a former member of The Planetary Society and the National Space Society I support the SpaceX Boca Chica project wholeheartedly.

Best Regards,

Emmet Tydings
AB&T Telecom
[REDACTED]

Sent from my Samsung Galaxy smartphone. Please excuse spelling and grammar errors.

From: Dan Elton <[REDACTED]>
Sent: Friday, September 17, 2021 2:53 PM
To: SpaceXBocaChica
Subject: I would like to subscribe to the mailing list

Categories: Blue Category

Hi,

I am a concerned citizen concerned about the way FAA is making things unnecessarily difficult for SpaceX just to do a few launches.

The 30 day waiting period should have started long ago!!

As a citizen and stakeholder in the success of spacex's mission to put people on Mars, I'd like to be updated on the public comment meeting etc

See my tweet thread for more:

[REDACTED]

Regards,

-- Dan

--

Dan Elton, Ph.D. (he/him)

[REDACTED]

From: Matthew Chakov <[REDACTED]>
Sent: Friday, September 17, 2021 7:10 PM
To: SpaceXBocaChica
Subject: In Favor of Approving Environmental Assessment

Categories: Blue Category

Hello,

My name is Matthew Chakov and I am a U.S. citizen writing in favor of the approval of this draft Environmental Assessment and an eventual launch license. I have been closely following the development of Starbase and the Starship program and what SpaceX is undertaking is one of the most important and ambitious technological campaigns in history. If they succeed, they will not only be forwarding the interests of the United States, but they would be forwarding humanity as a whole. Making like multiplanetary would surely be one of the greatest accomplishments in human history, but the truly incredible thing is that while some of the benefits to this development are known, it is very likely that some of the biggest benefits to this massive development are unknown (with the development of the initial space program, many of the benefits to space travel/development were unknown when it started).

I have read the draft environmental assessment released earlier today and I was excited to see that for the vast majority of the different categories being rated, there was a finding that there would not be a significant impact by SpaceX's operations in the area. When it comes to SpaceX's impact on certain species and habitats in the area, I sympathize with the people and the groups who are worried how further construction and future launches might affect the biological resources. However, I was extremely satisfied with the sheer variety of mitigation measures that SpaceX is willing to put into place in order to reduce any disruption to the ecosystem.

Considering the significant resources that SpaceX is willing to dedicate to ensure they reduce any disruption to the ecosystem to as little as possible and the overwhelming benefits of Starship to this country and to humanity as a whole, I urge the FAA to act expeditiously to both approve the environmental assessment and move forward to licensing Starship to fly out of Starbase.

Thanks for your consideration,

Matthew Chakov

From: Bilal Malik <[REDACTED]>
Sent: Friday, September 17, 2021 2:42 PM
To: SpaceXBocaChica
Subject: In support of SpaceX Starship/Super Heavy project, Boca Chica, Texas

Categories: Blue Category

To whom it may concern,
SpaceX Starship/Super Heavy project in Boca Chica, Texas, is clearly advancing and producing results years ahead of its industry peers, therefore we absolutely must ensure that their efforts are fairly acknowledged and that their path for continued advancement is kept clear.

Best Regards,
Bilal M Malik
[REDACTED]

From: Zeyd Tatli <[REDACTED]>
Sent: Friday, September 17, 2021 7:48 PM
To: SpaceXBocaChica
Subject: In Support of SpaceX's Starship Program

Categories: Blue Category

SpaceX and their Starship Program is a fundamental step in making our species Multiplanetary. Starship will allow humans to establish sustaining colonies on The Moon, Mars, and Beyond. Having Colonies / Civilizations on other planets is the only way to ensure or at least increase our chances of long term survival as a whole. Having the entire human race on one planet is a huge risk in the extinction of our species. Take for example the Dinosaurs. If they had had Dinosaurs on multiple planets at the same time, only those of which on Earth would have been killed, leaving the Dinosaur species to live longer.

SpaceX has made extreme technological advancements and are already far in progress in Boca Chica TX. Not allowing SpaceX to conduct orbital launches from Boca Chica TX would mean they would have to move all equipment that is stationed there, as well as all of their employees currently working and living on site. Not to mention the amount of money it would cost SpaceX to deconstruct their 400ft Orbital launch Tower and current Starship and Superheavy Vehicles.

Starship is also a key factor in the development of NASA's Artemis program with SpaceX recently winning their HLS (Human Landing System) Contract. This contract gave SpaceX \$2.89 Billion to test and develop the Starship vehicle.

The Starship Program is already well established in Boca Chica TX. With 8 test flights that have already been conducted. These flights include: Starhopper, Starship Serial Number (SN) 5, SN 6, SN 8, SN 9, SN 10, SN 11, and SN 15. Between these 8 flights SpaceX had demonstrated their ability to rapidly Build, Test, and Modify these Vehicles as well as proving that a Starship Vehicle can land with its unique technique (demonstrated with Starship Serial Number 15)

In the end, The Starship Program is key to the long term survival of the Human Race as a whole. Starship will also be able to provide much faster travel here on Earth with suborbital flights, these flights would be under an hour and be able to bring people and goods to and from different parts of this planet.

From: Damen Toomey <[REDACTED]>
Sent: Friday, September 17, 2021 8:28 PM
To: SpaceXBocaChica
Subject: Let SpaceX Fly

Categories: Blue Category

We love SpaceX!

From: Ian Murphy <[REDACTED]>
Sent: Friday, September 17, 2021 4:26 PM
To: SpaceXBocaChica
Subject: Let spacex launch

Categories: Blue Category

Spacex is extremely futuristic and safety first company let them launch their super heavy starship.

From: ActionMayo <[REDACTED]>
Sent: Friday, September 17, 2021 4:04 PM
To: SpaceXBocaChica
Subject: Let them fly

Categories: Blue Category

Hello,

SpaceX has supplied the plan for the next step in human revolution and innovations. Denying them the chance to launch is to deny humans a chance to fundamentally change.

Let them fly.

Christian Elijah Mayo
The Fr3 Society
[REDACTED]

From: Pauline Acalin <[REDACTED]>
Sent: Friday, September 17, 2021 4:25 PM
To: SpaceXBocaChica
Subject: Mailing list

Categories: Blue Category

From: David Diaz <[REDACTED]>
Sent: Friday, September 17, 2021 4:28 PM
To: SpaceXBocaChica
Subject: Make life Multiplanetary

Categories: Blue Category

Totally support Starship Missions.

Consciousness and the fate of humanity has bigger chances of surviving if we can succeed at interplanetary living.

Thanks.

From: Taylor Cantin <[REDACTED]>
Sent: Friday, September 17, 2021 5:23 PM
To: SpaceXBocaChica
Subject: My support to SpaceX Boca Chica

Categories: Blue Category

I am a born and raised American. Growing up in view of launches from the Cape. Space is the only future for mankind. SpaceX has taken space from far away to closer then ever. Kids now have a real chance to visit mars in their future. We must do all we can to support them.

Thank you

Taylor

From: Adrian Auler <[REDACTED]>
Sent: Friday, September 17, 2021 5:49 PM
To: SpaceXBocaChica
Subject: One citizen's view of the FAA Environmental Impact Statement about the Boca Chica, Tx Starship research program

Categories: Blue Category

To the relevant FAA personnel:

I am 72 and was fascinated by our space exploration program once Werner von Braun was put in charge of it and things began to develop. I was a week short of my 20th birthday when Apollo 11 launched, and I felt so proud to be an American.

I recall all the discussion about the spin-off benefits of our space program in those years. Since we lacked much of the technology required to launch a Moon rocket when President Kennedy said "we're going to the Moon by the end of the decade," we as a nation had to develop many new applications of existing technology and, especially, develop entirely new technologies to accomplish this. It was quite miraculous what we, as a people, accomplished in barely a decade. As a result, unemployment was at historic lows and a "can-do" attitude prevailed. Additionally, many products developed for the space program made their way into mainstream society like Tang, a breakfast drink that enjoyed a decade or so of popularity, and many technological developments which have become a commonplace since then; these were often pointed out to us by Walter Cronkite, whose word was accepted as gospel by most (different times, eh?).

These comments are meant to point out that reviving the spirit of exploration, an intangible, can have a wide array of benefits including a serious boost to the economy and the appearance of a plethora of technological developments and improvements. Also, SpaceX employs a large and growing number of American citizens and looks to employ more as SpaceX expands to accommodate Elon Musk's vision. All this while they're still in the developmental stage; what to speak of what will come when Starships, which are capable of carrying much larger loads than any previous space vehicle, are able to achieve orbit regularly.

Of course, protection of the environment is very important, as well as accommodating the safety and well-being of the local human community. But it seems to me that SpaceX has already chosen a low population density location and has voluntarily made some accommodations for both, already, within the parameters of having to accommodate a large workforce, virtually all of whom have travelled a long distance to work there. From watching reports of developments in Boca Chica and listening to Elon Musk's comments, it seems to me that this research and development organization is reasonably open to making adjustments as needed according to the local authorities, so I would assume that they are also cooperating with the FAA so far as is reasonable. Let us bear in mind that Cape Canaveral is also situated next to the sea and many beaches.

I think that forcing SpaceX to tear down the tower, for instance, would count as cruel and unusual punishment and would represent a serious setback, not only our space program (as represented by NASA) but to our society in general. I ask that the FAA seek to streamline their process of examination and guidance in order to make certain necessities clear and reasonable to and for SpaceX. We are fortunate to have Elon and SpaceX in the U.S., which gives us the lead over the whole world in space exploration.

Thank you for your attention,

Adrian Auler

From: Paul Danek <[REDACTED]>
Sent: Friday, September 17, 2021 6:04 PM
To: SpaceXBocaChica
Subject: Our future

Categories: Blue Category

Please let SpaceX secure our future, so we have something to look forward to..

Thank you.

Pavel Danek

From: Nathan Brassard <[REDACTED]>
Sent: Friday, September 17, 2021 6:26 PM
To: SpaceXBocaChica
Subject: Our Support for Humanity

Categories: Blue Category

I'm a proud American. I grew up in the age of the space shuttle with America as pioneers to life changing technology and science. Space has brought us tools for aviation (GPS), and tools to study and increase awareness of our environment (weather satellites), just to name a couple.

We are now entering an era where American breakthroughs are again leading the world. Now it is bringing the internet and education to the unserved areas of the world and the countries where information has been controlled. Education and communication for humanity are just two of the things SpaceX has started to deliver. And they are doing it with reusable rockets! Something that wasn't done until this millennium.

I'm proud to see Starbase not only build on the legacy of Kennedy Space Center, but to build new possibilities for humanity with space travel to Mars.

What side of history should we be on? I choose to be on the side of humanity being multiplanetary. I choose Boca Chica as the center of this journey. I support SpaceX in their mission in the USA as they lead the world toward Mars.

If someone's got a better idea, please stand up. Until someone does, Starbase is the answer.

Thank you,
Nathan Brassard

From: Diyan Zlatev <[REDACTED]>
Sent: Friday, September 17, 2021 6:00 PM
To: SpaceXBocaChica
Subject: PEA comment.

Categories: Blue Category

Hello Ms. Stacey Zee,

Please, approve the continual development and use of the SpaceX facilities at Boca Chica.

I read the Programmatic Environmental Assessment published today. While I agree that all possible manners of impact should be considered and addressed, I do believe that what SpaceX is doing, they are doing on behalf of humanity as a whole and that it is our collective duty to enable and support these activities. Currently, very few organizations are considering the dangers to our planet from space-based threats (asteroids, radiation bursts, etc). Even fewer organizations are making concrete steps to address space-threats in any meaningful way. SpaceX is one of them. SpaceX is our plan 'B'. Their success is our success.

Space launches should follow a similar system to the one adopted for airplane flights. Multiple daily orbital and interplanetary launches should be possible and encouraged, by the regulatory framework. Without this, the weight of our bureaucracy will keep us down here, on a planet that we are not doing a very good job of caring for.

Please, approve SpaceX activities at Boca Chica to proceed at full pace.

Thank you,

diyan.

From: Andrew Wallis <[REDACTED]>
Sent: Friday, September 17, 2021 4:41 PM
To: SpaceXBocaChica
Subject: Please Allow Continued Development At Boca Chica

Categories: Blue Category

Dear FAA and other coordinating agencies,

Having read the draft EIR, I think SpaceX should be allowed to move ahead with their plans as quickly as possible. The economic growth and the potential to advance society far outweigh any potential drawbacks.

Thank you!

Andrew Wallis
Whittier, CA

From: Daniel Kokotajlo <[REDACTED]>
Sent: Friday, September 17, 2021 5:12 PM
To: SpaceXBocaChica
Subject: Please approve SpaceX proposal quickly

Categories: Blue Category

To whom it may concern,

SpaceX is, against all odds, accomplishing their goal of lowering the cost to orbit by three orders of magnitude and enabling humanity to become a multi-planetary species. (The Falcon family has already done one OOM, Starship promises to do two more.) Words cannot express how inspiring, and how important, this is.

The environment around Boca Chica is important as well, but not *that* important. It's not like Yosemite or anything. Plenty of airports, highways, and other random unimportant developments routinely destroy bits of environment that are just as important as the area around Boca Chica. So it would be an injustice to let that continue while denying SpaceX their chance... even in a scenario where SpaceX was utterly wrecking the local environment. Which they aren't; if anything, the noise and danger from routine superheavy launches will keep humans away from the area, thereby helping to keep it in its pristine natural state!

Sincerely,
Daniel Kokotajlo

From: N <[REDACTED]>
Sent: Friday, September 17, 2021 4:19 PM
To: SpaceXBocaChica
Subject: Please support SpaceX's Starship project

Categories: Blue Category

To whom it may concern,

I ask you that you please support the proposed SpaceX Starship/Super Heavy project in Boca Chica, Texas!

As a citizen currently living in Oklahoma, I deeply care about the environment and do my best to leave the smallest carbon footprint as I can. I am a single mom and want to ensure the best future for my children. For example, I switched to a plant-based (vegan) diet 4 years ago, and worked on reducing my usage of non-reusable plastics and harmful chemicals. I hope to be able to afford an electric car someday, and am extremely excited that New York is leading the nation in renewable energy by signing legislation to [ban the sale of new gas cars by 2035](#). . It should be obvious that Elon Musk, the CEO of SpaceX and Tesla cares very much about preserving the environment, starting with his electric car company acquiring Solar City, and SpaceX continuously making groundbreaking innovation towards rocket engineering, science and space travel.

According to the drafted Programmatic Environmental Assessment document, it is very clear that the location of the Starbase site was very carefully planned, and will not have any direct environmental impact on farmland or vegetation. Residential areas may be impacted but the only issue reported were sound levels, which did not seem worrisome, especially when you consider the fact that there will only be 5 launches per year, compared to residential communities living next to airports, hearing planes taking off and landing several times a day (if not more)!

To conclude, having SpaceX continue their operations in Boca Chica far outweighs the "negatives" listed in the draft. It will help boost the economy, create hundreds of jobs and push life-saving technology forward. As pollution levels and global warming continue rising each year, it is not a surprise that we as a species must look at multi-planetary life if we are to survive, and time is of the essence.

I implore you to instead focus your attention and energy on the [impact of animal agriculture](#) instead of a company working towards helping the human population.

Thank you for your time and consideration,

Nadine Tawney

From: Ali Ceylan <[REDACTED]>
Sent: Friday, September 17, 2021 3:44 PM
To: SpaceXBocaChica
Subject: Positive public comment for SpaceX Starship

Categories: Blue Category

I've been following SpaceX' Starship development in Boca Chica almost weekly.
This project brings me joy and be proud of American "can do " attitude. Nobody is trying as hard SpaceX.

I look forward to FAA's approval of SpaceX' Starship/Super Heavy project.

Regards

Ali Ceylan
Boca Raton, Florida

From: David Smith <[REDACTED]>
Sent: Friday, September 17, 2021 8:26 PM
To: SpaceXBocaChica
Subject: ***Possible Spoofing Attempt*** SpaceX Environmental Assessment - Please Allow SpaceX to Proceed

Categories: Blue Category

Dear sirs,

As a Texas resident, I request that you allow SpaceX to launch their super heavy vehicle from Boca Chica.

You may not be allowed to take such arguments into consideration, but I'd like to argue that:

- 1) SpaceX will drastically reduce the cost of access to space,
- 2) When the cost of access to space is sufficiently reduced space industrialization and asteroid mining will become feasible,
- 3) Moving heavy industry and mining off Earth will improve the environment on Earth.

Thank you for your consideration,

David Smith

From: Paul Buzzell <[REDACTED]>
Sent: Friday, September 17, 2021 8:31 PM
To: SpaceXBocaChica
Subject: Pro SpaceX

Categories: Blue Category

SpaceX is doing more to help the entire human race, long-term, than anyone has in my lifetime - and doing so in a very conscientious way, in an attempt to mollify the near-sighted. Hopefully they don't get strangled by bureaucrats and their red tape.

From: pete hansen <[REDACTED]>
Sent: Friday, September 17, 2021 4:16 PM
To: SpaceXBocaChica
Subject: Programmatic Environmental Assessment Public Comment - SpaceX Starship Boca Chica

Categories: Blue Category

Hello,

I live in Austin TX [REDACTED], and has visited South Padre Island and Boca Chica several times over the last 12 months. I have read several articles into the environmental impact SpaceX activities has had on the natural environment and I understand this environment is quite unique for several reasons, and needs protection.

As a visitor to Boca Chica public beach, road closures is a problem because they are not announced with much forewarning and this is a problem.

I FULLY SUPPORT continued SpaceX activities in Boca Chica due to the limited impact on the natural environment and tremendous importance to future space flight.

pete h

From: Rolf Markus Kocher <[REDACTED]>
Sent: Friday, September 17, 2021 3:00 PM
To: SpaceXBocaChica
Subject: Public comment: humanity's future on the moon, Mars & beyond

Categories: Blue Category

Ms. Stacey Zee, SpaceX PEA, c/o ICF, 9300 Lee Highway, Fairfax, VA 22031.

Dear Ms. Zee

I support the efforts of SpaceX to bring humanity to the moon and also to Mars and install a self sustainable colony. There are known and also unknown threads to the existence of humanity, global climate change, decoupling fading workload and funds/income, unprecedented influence of AI to name some few.

Humanity has evolved so far mostly driven by shortages and conflicts, and the sheer will to survive, and always there was luck involved to continue human life on Earth.

The environmental and technological effects are not local anymore, they become more and more global. The opportunities don't keep up, the choices humanity has to react and preserve ourselves become less. There are enough indicators that show the urgency, the speed of known threads is accelerating. The window to react is already very small, the necessary preparation for every aspect to make humanity independent on just Earth takes very long. It is also dependent on the periodic constellation of Earth towards Mars. Necessary improvements and inevitable failures will need time to analyze, improvements and important redundant steps on the path will demand time to accomplish this mission as a whole.

We are in the very lucky position now, and only now, to have an entity to accomplish this mission. SpaceX with Mr. Elon Musk is obviously the only entity that will have the resources, the foresight, the ability to build up the necessary knowledge and the inner energy to drive towards and accomplish this mission.

Humanity will not have a second shot on this.

I am certain, the government of the United States and the FAA will find ways to approve and support the necessary steps for SpaceX to achieve these goals in the very narrow time window that humanity has.

The alternative is that bureaucracy is eating the exceptionally rare but existing opportunities up, which is in literally no one's interest. Every true environmentalist will embrace the common force to make humanity multiplanetary and avoid this horrible alternative, or be demasked as a false environmentalist.

Thank you for passing this opinion along to the involved authorities for consideration.
Rolf M. Kocher

From: Christopher Lundh <[REDACTED]>
Sent: Friday, September 17, 2021 2:46 PM
To: SpaceXBocaChica
Subject: Public Comment

Categories: Blue Category

Hello,

I would like to add a public comment regarding the draft PEA for SpaceX / Starship in Boca Chica, Texas. I am not in any way affiliated with the aerospace industry or SpaceX, however I am a strong supporter of continued innovation and development of space technologies. I firmly believe that the mission of SpaceX and the Starship program - making a completely reusable space launch system - is vital to the future of our nation and our species.

This site is situated in an ideal location for space launches from the US. Boca Chica is unique in that it offers an extreme southerly location which is beneficial for the launch itself, but also that it is relatively sparsely populated in this area as well. I don't believe there is a comparable location anywhere else in the continental US considering the population density in southern Florida (the only other comparable latitude).

Please authorize SpaceX to be able to continue developing Starship.

Christopher Lundh
[REDACTED]

From: Kevin Williams <[REDACTED]>
Sent: Friday, September 17, 2021 6:26 PM
To: SpaceXBocaChica
Subject: Public Comment for SpaceX DPEA

Categories: Blue Category

Hi, my name is Kevin Williams. I've been following the SpaceX Launches for over a year and the continued development, testing, and launches have been incredibly inspirational to my entire family and community. As a country, we need to be thinking long term, especially as other major countries begin rapidly catch up to our technological capabilities, and SpaceX's next generation of spacecrafts and SpadeX's mission of making life multi-planetary is one that aligns with a brighter future for America. SpaceX simply must be allowed to push forward. Thank you so much for giving the public a chance to comment.

Sincerely,
Kevin Williams

From: Jesse Hofseth <[REDACTED]>
Sent: Friday, September 17, 2021 6:58 PM
To: SpaceXBocaChica
Subject: Public Comment in support of FAA Starship/Super Heavy Boca Chica launch approval

Categories: Blue Category

To Whom it May Concern,

As you likely well sense, a lion's share of the future of space exploration will be private. Needlessly hamstringing the American company presently exhibiting greatest momentum will simultaneously diminish our national strategic position--especially with respect to concurrent contracts with NASA and Space Force. It is imperative that SpaceX be granted FAA approval for Starship/Super Heavy launches from Boca Chica, TX, for at least five Starship/Super Heavy launches per year.

Nevertheless, mitigations for noise, endangered species, road closures, etc., must and will be made in a timely and effective manner. Thank you for your expeditious, prudent and nation building consideration of FAA Starship/Super Heavy Boca Chica launch approval. Godspeed.

Sincerely,
Jesse Hofseth
[REDACTED]

From: Danwyo <[REDACTED]>
Sent: Friday, September 17, 2021 6:39 PM
To: SpaceXBocaChica
Subject: Public comment Space X

Categories: Blue Category

I am highly in favor of Space X going forward with the full operation of Starbase. SpaceX has demonstrated an impressive safety record so far and has never rained pieces on unwitting bystanders.

As to the environment, the Starship burns the world's most ecologically friendly fuel--methane. Of course local life will be burdened but the pristine beach goes on for mile after mile. The benefits out weigh the burdens.

The launch site has to be somewhere. What better place than an existing space port.

Thank you,

Daniel Davis
Worland, Wyoming

Sent with [ProtonMail](#) Secure Email.

From: Sara Marriott <[REDACTED]>
Sent: Friday, September 17, 2021 3:31 PM
To: SpaceXBocaChica
Subject: Public Comment

Categories: Blue Category

I am a coastal and marine policy expert who lives on the Gulf Coast. I would like to recommend some additions to the planned mitigation.

1) While the proposal mentions that it will coordinate with the USACOE to implement the "no net loss" policy for wetlands, I would encourage them to go a step further and provide adequate baseline surveys of the wetland ecosystem prior to construction so that representative wetland can be created for mitigation. Quality wetland replacement is lacking and necessary.

2) I think the Climate impacts are misleading. Emissions for a singular entity should not be compared to the annual emissions of the entire country to indicate impact. If we did that, no one would have a significant impact on emissions, yet as a collective we do. I recommend inclusion of climate mitigation practices in the EA. I see in the proposal that they want to build a solar farm, understanding the offset in carbon emissions there would be beneficial for the EA. Additionally, providing other carbon offset practices would improve this proposal.

If these two factors are addressed, SpaceX has my full support.

Sara Marriott
Ocean Springs, MS, 39564

From: Tri Ramadani P <[REDACTED]>
Sent: Friday, September 17, 2021 6:06 PM
To: SpaceXBocaChica
Subject: Public hearing

Categories: Blue Category

As a space explorations fan, i would like to tell something about that. The Starship program is really inspiring for most of us, this will be the next step of space explorations, as a person who joined this amazing community when the pandemic hit, i really look forward to what will Starship bring to us in the future. When the Starship suborbital campaign in 2020 and early 2021 literally all the time i felt like in Boca Chica watching this program through my screen, makes my 2020 alive thanks to this program. I hope the FAA should really fully support this program, hopefully environmental assessment will end soon and give a green light to orbital launch. As a person who lives far from America, really looking forward for exciting time in the near future. Thank you. Go Starship!!!!

From: Henry Locher <[REDACTED]>
Sent: Friday, September 17, 2021 4:21 PM
To: SpaceXBocaChica
Subject: Public to Comment on Draft Environmental Review of SpaceX Starship/Super Heavy Program
Categories: Blue Category

Ms. Stacey Zee,

I found this contact information on the FAA website.

My comment/vote is to approve and give/issue a permit/license for SpaceX to operate Starship/Super heavy.

Thank you!

Regards,

Henry Locher

From: spacex_sciencey_timez <[REDACTED]>
Sent: Friday, September 17, 2021 5:43 PM
To: SpaceXBocaChica
Subject: public voice

Categories: Blue Category

sending my support towards spaceX starship operations in bocachica area.

From: Josh G <[REDACTED]>
Sent: Friday, September 17, 2021 2:50 PM
To: SpaceXBocaChica
Subject: Re. Draft Programmatic Environmental Assessment for SpaceX

Categories: Blue Category

Hello,

SpaceX has proved to be a National Asset in the last 20 years. Especially in the last few years by providing the United States of America a means to travel to the International Space Station from American soil in an American rocket (Falcon 9 and Dragon space craft). I hope the FAA will consider the history of this company and its unwaivering intent on providing access to space not just for NASA, commercial satellites, but also United States Space Force missions. This next step, the Starship and Superheavy Booster, is critical to their mission and there is nobody else in the world capable of this program. Please let them move forward, it is in our Nation's best interest.

Thank you,

Josh Gray

From: Michael Corbett Hawkins <[REDACTED]>
Sent: Friday, September 17, 2021 4:48 PM
To: SpaceXBocaChica
Subject: Re: FAA Environmental Assessment

Categories: Blue Category

To whom it may concern:

I fully support SpaceX's efforts in Boca Chica, Texas.

It is important that the FAA decide in favor of SpaceX, and its project Starship and Super Heavy launch vehicle. There is no one who is so aggressively making the effort to benefit mankind as a whole than Mr. Elon Musk. There would be really no effort being made to end humanity's addiction to fossil fuels, if it was not for this man. There would be no effort being made to insure the survival of humanity and its consciousness if it were not for SpaceX's single minded focus on creating a reusable launch vehicle and spaceship. Those who are attempting to negate these efforts, i.e. Amazon, Blue Origin, ULA, and Viasat, would want to keep their mediocre efforts a money machine to milk the American people of their hard earned money while not producing any content to their expressed corporate goals.

In terms of environmental impact, it should be considered that Mr. Musk's Tesla Motors is actually contributing to the effort to reverse Climate Change. Therefore it would be extremely strange if SpaceX did not hold to the same values in its treatment of the ecosystem of Boca Chica. I would consider it a failure of the FAA, and a manifestation of a Climate Change denial to do anything but facilitate SpaceX's efforts in Boca Chica, Texas.

Regards,

Michael B. Corbett
Retiree

From: Necati Guney <[REDACTED]>
Sent: Friday, September 17, 2021 4:18 PM
To: SpaceXBocaChica
Subject: Space X boca chica project

Categories: Blue Category

Hello,

I am in full support of space x's and their mission.

--

Regards,

Nick Guney

C: [REDACTED]
[REDACTED]
[REDACTED]



From: Ben C <[REDACTED]>
Sent: Friday, September 17, 2021 2:53 PM
To: SpaceXBocaChica
Subject: Space x super heavy

Categories: Blue Category

Please let spacex fly their rockets.

Thank you,
Ben

From: Roshan Raj <[REDACTED]>
Sent: Friday, September 17, 2021 4:25 PM
To: SpaceXBocaChica
Subject: SpaceX

Categories: Blue Category

SpaceX has my full support for all the technological advancements it has brought to us and deserves full support from FAA. We all appreciate your full support for this wonderful group of people working at SpaceX.

Thank You for all you do and for your support.

Roshan Pandey
Forward looking optimistic citizen

From: Harry Brown <[REDACTED]>
Sent: Friday, September 17, 2021 2:54 PM
To: SpaceXBocaChica
Subject: SpaceX and Elon Musk

Categories: Blue Category

He is a low life grifter and his phony reputation is based on SpaceX which you need to do some digging to see he's a liar who will never go to Mars, never do anything that isn't based on government handouts and will ruin the environment not only around Boca Chica but also low earth orbit with all his loser internet satellites.

From: Luke Valenty <[REDACTED]>
Sent: Friday, September 17, 2021 5:14 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Environment Review Comments

Categories: Blue Category

Hello!

I am utterly enthralled by the progress SpaceX has made since their founding. They have an incredible team of engineers, fabricators, and leaders showing the entire world how to properly go to space.

We should be so proud to be home to this incredible endeavor. Their efforts are a strategic investment in humanity's future and an inspiration for me and my children. I hope to see SpaceX given all appropriate latitudes to execute their plans and enable incredible new opportunities for humanity.

Thank you for reading my comment and have a great day!

-Luke

From: James Rix <[REDACTED]>
Sent: Friday, September 17, 2021 4:39 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica FAA environmental impact report

Categories: Blue Category

The SpaceX Boca Chica Starbase facility and operations are well within acceptable limits for safety and environmental protection.

Starship and Super Heavy development is vital to U.S. national security and defense.

Starship and Super Heavy development is vital to NASA and future space exploration and discovery..

SpaceX and Starbase are important economic drivers for the local community which is financially depressed and needs the influx of revenue.

SpaceX is making world renowned advancements and progress to the future that the U.S. and the world will greatly benefit from.

SpaceX achievements and future accomplishments give hope and excitement to the country and the world at a time when we all desperately need hope and optimism for the future.

I fully support SpaceX approval and strongly encourage the FAA for its approval and make the world a better and more hopeful place.

James F. Rix
Springfield, OH

From: Paul Gage <[REDACTED]>
Sent: Friday, September 17, 2021 4:18 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica facility review

Categories: Blue Category

Dear FAA representative,

SpaceX has been inspirational in their pursuit of advancing technology. That spaceships can now land and their reuse has been a major factor in reducing the cost of access to space. I see the future promised of the 1960's finally coming to fruition. Please allow the future to come to pass with the approval of the Boca Chica facility and the proposed launches.

Thank you,

Paul Gage

From: Michael Kluzinski <[REDACTED]>
Sent: Friday, September 17, 2021 5:35 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica launches

Categories: Blue Category

Hi,

I'd like to quickly voice my support for launch operations by SpaceX in Boca Chica. The recent FAA report shows the amount of effort and support that SpaceX has gone to mitigate environmental harm from launch operations. SpaceX is prepared to work closely with Cameron County to support launches. SpaceX's work in Boca Chica is also vital to the HLS and they will also host many other vital private missions and NASA missions. Thanks for your time,

Michael Kluzinski

From: Erich Plondke <[REDACTED]>
Sent: Friday, September 17, 2021 6:31 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Launches

Categories: Blue Category

Dear Ms. Zee, or who it may concern:

The opportunity that SpaceX's development in Boca Chica is tremendous, for SpaceX, for Texas, for the USA, and for Humanity.

Even if there are longer term concerns about the potential impact of repeated launches of so large a rocket from Boca Chica, some limited number of launch licenses expedited for testing the launch platform would be tremendously helpful not only for the development of this new launch system, but also for evaluating the impact that those launches have on the surrounding environment.

Concerns about the environmental impact are legitimate, but we will know more about how accurate those concerns are after a few launches, and the value to society of those first launches is perhaps the highest.

For myself, I think that frequent launches from Boca Chica would be a great asset for the region in the same way that it is for Florida, and the wildlife that exists in abundance around the Florida launch sites shows that the impact of these rocket launches is not severe. But I could be wrong, and doing the first launches quickly leaves time for accurate re-assessment later.

Sincerely,

Erich Plondke

From: [REDACTED]
Sent: Friday, September 17, 2021 3:13 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica sites

Categories: Blue Category

SpaceX is innovating constantly and bringing good things to Texas, America, and the world. To put obstacles in their way hinders all mankind. Instead, let's get behind them and let's GET LAUNCHING! 🚀 🚀 🚀

From: Jay Schappacher <[REDACTED]>
Sent: Friday, September 17, 2021 2:34 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica support

Categories: Blue Category

I believe the starship program is a very positive addition to the boca chica area and for the general public. This program, SpaceX is pursuing, is inspiring to so many people and is super exciting! Starship will enable humans to become multi planetary. Also it will help make space more accessible for everyone! I believe the facility being built in Boca Chica will make the future of humanity better off than without!

Sent from my iPhone

From: Michael Liebow <[REDACTED]>
Sent: Friday, September 17, 2021 4:51 PM
To: SpaceXBocaChica
Subject: SpaceX draft PEA public comment

Categories: Blue Category

FAA:

As a taxpayer, American citizen, and resident of Earth, I beg you to accelerate your process and moderate your bureaucracy to allow SpaceX to develop, test and launch Starship at Boca Chica with all due haste.

You are slowing down SpaceX progress and risking America's role in the 21st century.

It took America only 8 years to land a man on the moon with 1960s technology. The FAA needs to transform and change — to enable success today.

Regards,

Michael

Michael S. Liebow
m. [REDACTED]
[REDACTED]

From: Chi Cheung <[REDACTED]>
Sent: Friday, September 17, 2021 8:11 PM
To: SpaceXBocaChica
Subject: SpaceX EA review

Categories: Blue Category

Hello. Please approve the EA for SpaceX.

I can't assess the environmental impacts, but I can speak to the benefits.

My sons, 4 and 8 years old, love space and follow SpaceX closely. For too many years, America has made no progress in space exploration, and has indeed regressed since putting men on the Moon. SpaceX is a hope for our children, for science that will be developed by our children inspired by space, for our economic competitiveness and for our military. I can't imagine any environmental impact would be worth delaying approval.

Thank you for your consideration.

Chi Cheung
Los Angeles

From: Dale Pease <[REDACTED]>
Sent: Friday, September 17, 2021 7:45 PM
To: SpaceXBocaChica
Subject: SpaceX EA

Categories: Blue Category

I fully support the Starship/Super Heavy launch operations from the Boca Chica Launch Site in Cameron County, Texas.

Dale Pease
Kent, Ohio

--

Dale Pease | Walking Stick Communications, Inc.
[REDACTED]

From: Michael Plotkin <[REDACTED]>
Sent: Friday, September 17, 2021 3:01 PM
To: SpaceXBocaChica
Subject: SpaceX environmental review comments

Categories: Blue Category

Dear Sir:

I would like to urge you to approve the application from SpaceX to allow them to launch their Starship and superheavy rockets from Boca Chica, Texas.

Thank you.
Michael and Erica Plotkin

From: RoLi G <[REDACTED]>
Sent: Friday, September 17, 2021 5:13 PM
To: SpaceXBocaChica
Subject: SpaceX in Boca Chica

Categories: Blue Category

Support Elon Musk's projects to the moon and back!

Kind regards,
Dumitru-Liviu Burcioiu

From: Felix Schaefer <[REDACTED]>
Sent: Friday, September 17, 2021 3:10 PM
To: SpaceXBocaChica
Subject: SpaceX is so important!

Categories: Blue Category

Hello,

I think spaceX is very important for the progress of humanity. the success of spaceX gives us hope!
Starship will usher a new era!
kindly regards from Germany!
Felix Schaefer

[Gesendet von Yahoo Mail auf Android](#)

From: Byron Strickland <[REDACTED]>
Sent: Friday, September 17, 2021 5:12 PM
To: SpaceXBocaChica
Subject: SpaceX operations and launch of Starship at Boca Chica

Categories: Blue Category

Let Them Fly.!!!

Byron Strickland

From: Andrew Goetsch <[REDACTED]>
Sent: Friday, September 17, 2021 3:27 PM
To: SpaceXBocaChica
Subject: SpaceX ops at Boca Chica.

Categories: Blue Category

I lived at [REDACTED] in Boca Chica for six years, 7/15 to 6/21.

During that time I walked through the refuge almost daily on both sides of the road, and along the length of the beach, observing and tracking wildlife. I also showed up on the south side of the launch site after static fires and launches, looking for negative effects. In all that time I never saw a single dead or injured animal after operations. I assume the venting and other noises scares birds and animals away from the vicinity before launches or engine fires.

The days the beach is closed for operations probably prevents more environmental damage than beachgoers would have caused during the same period. The one problem I've seen is animal deaths on the road from extra traffic. They seem to be more from tourists than employees.

There's a lot of pure nonsense out there about the effect of SpaceX on the wildlife refuge from people who have dedicated their lives to the cult of victimhood. I've wandered jungles on three continents, worked in animal sanctuaries and bow to no one in my concern for wild areas and the critters living there, but SpaceX is simply not a threat. I helped return about 1500 turtles to the Gulf after the freeze and the concern and efforts from those employees in rescuing and taking care of them impressed me greatly. If there's a way to mitigate any trouble they cause the untamed ones out there, I have no doubt they'll pursue it.

Their expansion area south of the present pad has never had any nesting areas that I've seen. Mullet beds are well away from that area and there was very little wildlife activity of any kind there before SpaceX showed up. Keeping out idiots who tear up the ground with trucks will probably do a lot of good for the surrounding area.

I didn't like losing the place I wanted to spend my retirement in, but I understand the world needs to move on.

Andrew Goetsch
[REDACTED]

From: Blake Ablin <[REDACTED]>
Sent: Friday, September 17, 2021 4:06 PM
To: SpaceXBocaChica
Subject: SpaceX public comment
Signed By: [REDACTED]

Categories: Blue Category

Hi,
I believe that SpaceX is fine in terms of environmental reason. And it also has added benefits such as benefiting the economy by making more jobs. Also, everyone who lives in the Boca Chica area has been offered by SpaceX for their houses to be bought so they can move. And I believe that SpaceX has and will take all of the necessary measures to be safe.

Thanks,
Blake

From: Joseph R Lust <[REDACTED]>
Sent: Friday, September 17, 2021 7:38 PM
To: SpaceXBocaChica
Subject: SpaceX Starship EA Comment

Categories: Blue Category

Dear reviewers,

I urge you to support the SpaceX Starship project's continued development in Boca Chica, TX area.

- SpaceX is pushing the 21st century space forward with America at the helm, from the Rio Grande Valley
- SpaceX leads in current and future Lunar and Martian development, advancing American interests
- SpaceX has demonstrated their complete dedication to these goals more than any aerospace company

Please consider the beneficial impact these continued developments will have for the local and regional communities, as well as the nation as a whole. Should this project be completely fruitful with its Martian end goal, the benefits will extend to all humankind. Boca Chica will soon be a very historic site, if you let it be.

Sincerely,
Joseph Lust

From: nadir qadir <[REDACTED]>
Sent: Friday, September 17, 2021 6:26 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Environmental Review

Categories: Blue Category

Hello,

I believe SpaceX starship will be great for the surrounding environment and community. I believe SpaceX has proven they want to take care of the community by showing support during the winter storm of 2021 which took out the Texas power grid. I believe SpaceX will be safe about the launch and the environment and their efforts will lead to lower cost and higher reliability.

Best,
Nadir Qadir

From: Chang Hao Huang <[REDACTED]>
Sent: Friday, September 17, 2021 4:31 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Project support

Categories: Blue Category

I greatly support SpaceX's Starship Program, it will power humans to be an interplanetary species, but if they do their first launch with landing, please make them land somewhere far from land in case there is a RUD/fail/explosion because it might injure people or animals.

From: Steve N <[REDACTED]>
Sent: Friday, September 17, 2021 3:11 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project - Public Comment

Categories: Blue Category

I am grateful that the FAA is in the process of performing an environmental assessment (EA) of SpaceX and their activities in Boca Chica Texas. And as a resident of the State of Texas I am a proud supporter of the Starship/Super Heavy program and what it means for America (and the rest of the world). The importance of this project cannot be understated - with it humanity can finally colonize the final frontier including the moon, Mars and beyond. In summary, please approve the EA expeditiously. Thank you.

Steven Nutter
Fort Worth, TX

From: alex Balderas <[REDACTED]>
Sent: Friday, September 17, 2021 4:37 PM
To: SpaceXBocaChica
Subject: SpaceX Starship/Superheavy Boca Chica Texas.

Categories: Blue Category

I would like to know when any additional updates will be available after the Comment period for the Draft PEA. thank you.

Sent from my iPhone

Categories: Blue Category

My name is Jordan House, I live and work in Australia however I have been following the journey of Elon Musk and SpaceX for many, many years.

The development of the Starship/Superheavy especially excites me as it will continue to allow us as a human civilization and allow us to expand to the nearby Moon, Mars and then beyond just as early settlers did when they boarded massive sail boats to sail from continent to continent, this is the same however on a much larger scale. It will enable us to continue to push innovation for many years into the future for our generation and generations years in the future.

Thank you for your time, I hope this email finds you well, you consider what I have to say deeply and ultimately approve of all of SpaceX's future missions for years to come.

Jordan House
Property Consultant

[REDACTED]

[REDACTED]

From: Kevin Roche <[REDACTED]>
Sent: Friday, September 17, 2021 4:25 PM
To: SpaceXBocaChica
Subject: SpaceX SuperHeavy

Categories: Blue Category

To whom it may concern,

Thank you for taking public comments. Please continue to allow spacex to innovate and push humanity's future to a more positive path. They continue to prove their ingenuity and commitment to safety.

Respectfully,
Kevin Roche
Oak Park, IL resident

From: Mark Ashley <[REDACTED]>
Sent: Friday, September 17, 2021 4:12 PM
To: SpaceXBocaChica; Mark Ashley
Subject: Starbase TX public comment - supportive

Categories: Blue Category

To Whom It May Concern

I'm adding a public comment in support of the SpaceX Starship process moving forward. I have been to the Boca Chica site since 2017, visited the beach and observed the dunes and seen the progress and stewardship that SpaceX has on their property holdings.

I believe the benefits to the county, state, nation and also humanity as a whole will be vast, that SpaceX will achieve significant breakthroughs in space flight and whilst doing so also be a good corporate citizen. They have already demonstrated their willingness to lessen any environmental impacts and work with the local community to minimize inconveniences that their operations might have. Their other operations elsewhere have already demonstrated their willingness and follow through in engaging in proper environmentally safe practices.

The Starship program is incredibly valuable to all our futures as it will be an enabler for low cost bulk transport to space. Environmentally the effects should be minimal, the acoustic noise whilst launching and landing is short lived, the CH4 emissions are planned to be eventually net zero and they have been steadily building the infrastructure to properly protect the surrounding environment from site operations.

Any large scale industrial operations will always affect some aspect of their surrounding environment, predominantly with SpaceX I see that as being the initial land clearing and then acoustics from operations. These are acceptable trade-offs for the value that these operations will provide.

I urge you to approve this project and open up a vast new capability for spaceflight in the United States.

Thanks for your time.
Mark.

From: Butnariuc Ionut Florin <[REDACTED]>
Sent: Friday, September 17, 2021 5:22 PM
To: SpaceXBocaChica
Subject: Starship - BocaChica

Categories: Blue Category

Hi,

Zero risk is impossible to archive, but in my opinion the risk can be asset as zero if we look at the possible result. You can not make a omelet without braking some eggs, let #SpaceX try to give humans a future where we are not "captive" on this planet.

If I could I woud move to BocaChica, because that place represents the future.

With respect,
Florin

Sent from my iPhone

From: Brian Schneide <[REDACTED]>
Sent: Friday, September 17, 2021 5:25 PM
To: SpaceXBocaChica
Subject: Starship And Super Heavy Booster

Categories: Blue Category

Dear FAA,

I write to you today to show my support for the launch of both Starship and Super Heavy Booster. Space exploration is always going to be an important part of human development, and the benefits far out way any environmental concerns. My opinion is that SpaceX's emerging rocket technology paves the way for important changes to industry and keeping our planet free from pollution. Off-planet manufacturing and resources have the potential to move heavy pollutants of Earth, and this could only be possible from furthering our expansion into space. Thank you for taking the time to read this, and god speed.

sincerely, Brian Schneide.

--

Brian Schneide

.....

[REDACTED]

phone: [REDACTED]

e-mail: [REDACTED]

From: Daniel Kakaley <[REDACTED]>
Sent: Friday, September 17, 2021 6:05 PM
To: SpaceXBocaChica
Subject: Starship EA

Categories: Blue Category

Hi,

I have been following developments of Starship/SuperHeavy since it's inception. I am so proud of this company's willingness to innovate and what they are doing for this country. This rocket and the space economy it will create will create many high paying, high tech American jobs, and ensure America is at the forefront of space exploration.

My entire family finds it inspirational to follow its progress. I'm proud to watch this progress with my son, inspiring him towards a future in STEM. I believe this EA should be approved. Here are some strategic national interests this serves as well:

1. Assured access to space by American astronauts on American rockets from American soil. Hopefully the astronauts part comes soon as the rocket gets man rated in the future.
2. Strategic interests on the Moon and Mars. And as a cargo delivery platform for the US military.
3. Protect against China doing on the moon what they are doing in the South China Sea, should they establish a moon base first.
4. Ensuring an economic method of servicing the starlink internet constellation as it is revitalizing rural areas of the nation with internet and providing connectivity to the military in various locations.

In summary, please approve this EA expeditiously.

Sincerely,

Dan

From: Jyotirmay <[REDACTED]>
Sent: Friday, September 17, 2021 8:17 PM
To: SpaceXBocaChica
Subject: Starship launch

Categories: Blue Category

Pls allow starship sn4 to launch from boca chika texas....starship is the pride of usa...so give all environmental clearance at earliest....

From: Matt Wilson <[REDACTED]>
Sent: Friday, September 17, 2021 4:02 PM
To: SpaceXBocaChica
Subject: Starship Public Comment

Categories: Blue Category

Hello,

As a 6th grade teacher I introduce and discuss human space travel with my students every year. For the last 5 or so years, I have also been sharing with them SpaceX developments, including watching live tests and launches. The engagement and interest in this topic from my 6th grade students is truly unbelievable—if they had their way, they would choose to talk about space travel and current developments every single day.

This excitement continues beyond their time in my classroom—just this year (only about 3.5 weeks into the school year) I’ve had 4 separate groups of former students come visit before or after school to discuss Starship development—eyes bright and voices brimming with excitement.

Beyond the more clear benefits for national security, I also believe the Starship/Superheavy flight should be approved, without hesitation, for the generations to come. My students—current and former—deserve to continue to be inspired and take that excitement into the future as adult thinkers and doers.

Sincerely,
Matt Wilson

From: Arman Amin <[REDACTED]>
Sent: Friday, September 17, 2021 5:52 PM
To: SpaceXBocaChica
Subject: Starship Super Heavy comments.

Categories: Blue Category

Allow SpaceX to conduct orbital test flights in starbase/boca Chica Texas. Monumental achievements are happening there. Would hate it if they were unable to proceed.

From: Dominik Martinjač <[REDACTED]>
Sent: Friday, September 17, 2021 2:51 PM
To: SpaceXBocaChica
Subject: Starship/SuperHeavy Boca Chica

Categories: Blue Category

Please consider this email as a support for all SpaceX Starship and SuperHeavy activity in Boca Chica. Further development and testing is necessary to make human life multiplanetary and for future space travel. Do not waste their time with unnecessary restrictions and launch stalling.

Thank you for your time.

From: Jerry Mead <[REDACTED]>
Sent: Friday, September 17, 2021 7:29 PM
To: SpaceXBocaChica
Subject: Support

Categories: Blue Category

Hello. I wanted to write to give my support for SpaceX operations in Boca Chica Texas and the Starship/Superheavy Booster project. The rate at which we are damaging this Earth and the inadequate response to the environmental hazards by far too many throughout the world, we will need to travel to other planets and ultimately to other stars in order for our species to survive. We really are running out of time! Please grant SpaceX the latitude to advance their system and their conscientious approach to space access. Thank you. Sincerely, Jerry Mead, Pekin, IN

From: Rhett Collier <[REDACTED]>
Sent: Friday, September 17, 2021 8:24 PM
To: SpaceXBocaChica
Subject: Support American Spaceflight. Approve all regulatory requirements for Boca Chica

Categories: Blue Category

I urge the FAA to approve all regulatory requirements for SpaceX to operate space launches at Boca Chica, Texas.

Boca Chica strongly resembles the area around Kenedy Space Center which is home to lush plant and animal life and has been since the beginning of American spaceflight from KSC. The wetlands around KSC have not suffered any significant loss of biodiversity due to NASA's activities there.

Likewise, the area around Vandenberg Space Force Base have been a launch zone since 1958. There has been no significant loss to the local environment there either.

I urge the FAA to help keep the US competitive in commercial spaceflight and help SpaceX in their quest to so so.

Sincerely,
Rhett Collier

From: Darko Vranesevic <[REDACTED]>
Sent: Friday, September 17, 2021 8:20 PM
To: SpaceXBocaChica
Subject: Support for SpaceX | Draft PEA for SpaceX Starship/Super Heavy Launch Vehicle Program at SpaceX Boca Chica Launch Site in Cameron County, Texas

Categories: Blue Category

To whom it may concern

I am a citizen and resident of Australia and I do now know whether my feedback will be taken into account by the relevant US authorities. I am also not acquainted with the minute details of the activities of SpaceX, although I know about their activities generally and I have reviewed the Executive Summary of the Draft PEA.

I wish to express my support for SpaceX's efforts and my hope that the relevant US authorities will provide SpaceX with a substantial degree of freedom and support in achieving its stated goals of making life multi planetary, and SpaceX's more immediate, short term goals. Without limiting the foregoing, I support the preferred alternative under the Draft PEA of issuing one or more experimental permits and/or a vehicle operator license(s) to SpaceX that would allow SpaceX to launch, which can include landing, Starship/Super Heavy.

Regards
Darko Vranesevic

[REDACTED]

From: Jefferson Peñañiel <[REDACTED]>
Sent: Friday, September 17, 2021 4:23 PM
To: SpaceXBocaChica
Subject: Support for spacex

Categories: Blue Category

Hello spacex, hello FAA

First of all greetings to those who are reading this ...

I am very anxious for this first orbital flight to take place since it will be the beginning of something very big, it is part of the steps for the world to evolve, this will change the perspectives we have on life, I know this is a life Multiplanetary sounds very crazy and complex but it is time to start making these dreams come true and not only stay in dreams

The human has been seen to be very capable of doing what he sets out to do and we have seen it over the years, that is why it is very important that the FAA give the green light to the launch, and about the person where the starbase is located I do not know the situation but I know that it will be solved since it is also important to care for the fauna that surely there are solutions

I know that with a lot of work and effort they will achieve / we will achieve it.

THANK YOU for the opportunity to interact with the community that loves space and technological advancement, I am aware of the hard work that this costs

Sorry if this message has some flaws, my native language is not English

From: Rob Keshav <[REDACTED]>
Sent: Friday, September 17, 2021 3:23 PM
To: SpaceXBocaChica
Subject: Support for SpaceX

Categories: Blue Category

We strongly support SpaceX in its endeavor for interplanetary travel. They are the vanguard for US and need all the support from all the government agencies. Please approve their request.

Thanks.

Rob Keshav

From: ez TV2050 <[REDACTED]>
Sent: Friday, September 17, 2021 5:26 PM
To: SpaceXBocaChica
Subject: Support for SpaceX.

Categories: Blue Category

Hi SpaceX Team,

I'm Eze from Papua New Guinea, a country in the South Pacific.

As someone in STEM, I've observed that no three events or endeavor result in the greatest amount of innovation apart from war, entrepreneurship and space exploration.

While war is detrimental to humanity's very own existence the two latter are not.

SpaceX is part of a group of a few aerospace companies in the world pursuing the last two endeavors. In entrepreneurship they are trying to provide remote parts of the world with affordable internet. While in space exploration, they're the only company thinking in terms of hundreds to tens of thousands of years with their goal of making life on earth multi-planetary.

Because of these two reasons, I'm in support of SpaceX's missions.

I hope they get to do more launches, explore Mars, and inspire the next generation of scientists, engineers and explorers to believe that life is possible on another planet and that one day leaving our solar system to live amongst the stars will be a career option.

Go SpaceX! Godspeed!

From: Alex Wagner <[REDACTED]>
Sent: Friday, September 17, 2021 3:20 PM
To: SpaceXBocaChica
Subject: Support for SpaceX in Boca Chica

Categories: Blue Category

Hi there,

I greatly support SpaceX's Starship project in Boca Chica. It is the most inspirational project in my lifetime, for all of America, and for all of humanity. Please keep the United States ahead of the rest of the world and allow SpaceX to do what they do best — take us to the Moon, Mars, and beyond!

Thank you,
Alex

—
Alex Wagner

[REDACTED]

From: Aaron Grodin <[REDACTED]>
Sent: Friday, September 17, 2021 8:07 PM
To: SpaceXBocaChica
Subject: Support for SpaceX Starship and Super Heavy Boosters Project

Categories: Blue Category

To Whom It May Concern,

I heavily support SpaceX's rapid development and testing of the Starship and Super Heavy Booster Project. SpaceX is striving to make life multi-planetary, for the benefit of all humanity. Further, it is a national security imperative for the federal government and its commercial partners to lead in the development of space technologies. We need to do everything we can to help, not hinder, SpaceX on this mission.

I sincerely hope that you consider the big picture of what SpaceX is striving for and what is at stake, and then grant SpaceX the required licenses to continue development and testing of its Starships and Super Heavy Boosters from the Boca Chica/Starbase, Texas site.

Sincerely,
Aaron Grodin

From: Joshua Steele <[REDACTED]>
Sent: Friday, September 17, 2021 8:33 PM
To: SpaceXBocaChica
Subject: Support for spacex

Categories: Blue Category

I just want to briefly voice my support for what SpaceX has and will accomplish in Boca Chica, Texas. I encourage the FAA to grant them permission to launch from Boca Chica, and to continue the great work that will someday benefit the whole world.

Thank you
Josh Steele

Sent from my iPhone

From: [REDACTED]
Sent: Friday, September 17, 2021 4:25 PM
To: SpaceXBocaChica
Subject: Support for SpceX test site

Categories: Blue Category

Dear officer,

It is highly important that we allow SpaceX to continue its progress and tests in the test site under this public comment. We need to push humanity to beyond Earth and preserve the future of human race and have a backup planet.

Think about your kids and grandkids.

Thanks,
Bivek
Cell: [REDACTED]

From: Nifal Adam <[REDACTED]>
Sent: Friday, September 17, 2021 3:51 PM
To: SpaceXBocaChica
Subject: Support for Starship Development

Categories: Blue Category

Hello,

I am really excited about Starship development and would like to see it happen as quickly as possible. I think it's very inspiring to the public to see something like this happen at such a great speed. As for environmental impact, I believe methane is quite clean already, and will be 100% carbon neutral a decade later once biofuel becomes popular. Excited to see more rapid developemnt!

Adam

From: Thoth Gyro <[REDACTED]>
Sent: Friday, September 17, 2021 3:22 PM
To: SpaceXBocaChica
Subject: Support of Starship/Super Heavy

Categories: Blue Category

My name is Maxwell Brown, US citizen.

I would like to voice my support of SpaceX at Boca Chica and the associated Environmental Review.

It seems to me that the environmental impact of SpaceX and Starship will be a drastic positive in the long term. Not only is the eventual plan for Starship to colonize mars, but also to enable a cheaper and more efficient access to space travel. This access to space will include industry. Moving some of our industrial processes into orbit or other worlds with waste products being captured for recycling will ease pollution here on Earth. Starship will also allow life here on Earth to extend to Mars and beyond, allowing for the survival of life as we know it should a catastrophic event occur impacting our planet. If a large asteroid impacted Earth today (and this is always a possibility), humanity and all the plants and animals we know would be wiped from existence in an instant. With SpaceX and Starship we have the opportunity to not only create a backup of this world, but also have the potential options to send Starships to redirect an incoming asteroid or to evacuate populations in the event of detection.

It seems to me that the FAA has currently found only minimal environmental impact from the SpaceX operations in Boca Chica, and that these impacts will be offset entirely by the previously mentioned advantages of the Starship/Super Heavy system. SpaceX is using clean solar power, and has built rockets which will run on methane. We have an over abundance of methane here on Earth, driven mostly by industrial agriculture. Starship will allow these industrial sources of methane to sell the methane to SpaceX for Starship use, which in turn will cause methane capturing methods to be economically viable and increase their use. All of this will work to lessen greenhouse gasses in the atmosphere, and increase our likelihood of survival as a species.

From: zen pro <[REDACTED]>
Sent: Friday, September 17, 2021 8:00 PM
To: SpaceXBocaChica
Subject: Support

Categories: Blue Category

It's of grave interest for humanity to proceed with Starship launches. Never in the history of mankind has it been so imperative to follow through with goals and objectives for our future.

Sincerely
Space X Supporter

From: Chuck Sr <[REDACTED]>
Sent: Friday, September 17, 2021 3:17 PM
To: SpaceXBocaChica
Subject: Texas Launch site

Categories: Blue Category

SpaceX is innovating constantly and bringing good things to Texas, America, and the world. To put obstacles in their way hinders all mankind. Instead, let's get behind them and let's GET LAUNCHING! 🚀 🚀 🚀

From: Leon Prien <[REDACTED]>
Sent: Friday, September 17, 2021 2:55 PM
To: SpaceXBocaChica
Subject: The importance of SpaceX's Starship to humanity

Categories: Blue Category

Dear FAA,

Starship is the biggest advancement in spaceflight since the Apollo era.

We have to get back to the moon and beyond not just for the sake of going, but to inspire and learn more about our place in the universe.

SpaceX has worked incredibly hard for the past three years to make this dream possible once again, and it would be a huge disadvantage for the US and humankind not to use this chance.

Your environmental review will decide over the fate of this endeavour and we, the public and residents of Boca Chica, would hate to see all this effort to be in vane.

Please make sure that we can see people on the Moon again and beyond.

Sincerely,

Leon Prien

--

Sent from my Android phone with [WEB.DE](#) Mail. Please excuse my brevity.

From: Astley C137 <[REDACTED]>
Sent: Friday, September 17, 2021 3:37 PM
To: SpaceXBocaChica

Categories: Blue Category

I am highly in favour of the proposal.

From: Patrick McHargue <[REDACTED]>
Sent: Friday, September 17, 2021 4:24 PM
To: SpaceXBocaChica

Categories: Blue Category

Ms. Zee;

After review the documents 'SpaceX Starship Super Heavy Project at the Boca Chica Launch Site' at,
https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

I can say that I have concerns regarding how SpaceX is handling the safety & security of the environment around its facility, and the people near that same facility.

I would like to see SpaceX's program proceed as planned.

Sincerely;
Patrick McHargue

--

A friend of Liberty is a friend of mine
<www.lp.org>

03621

From: MONARCH AEROSPACE <[REDACTED]>
Sent: Friday, September 17, 2021 8:02 PM
To: SpaceXBocaChica
Subject: Yes!

Categories: Blue Category

Yes, we wanna see It Fly!

From: [REDACTED]
Sent: Friday, October 1, 2021 2:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I was 11 years when we first walked on the Moon. 50 years later we never went back. SpaceX is my first hope that humans will return. I would like to see SpaceX continue with their testing in Boca Chica, TX. Dave.

From: [REDACTED]
Sent: Friday, October 1, 2021 2:32 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would like to give my input on the possible impacts the starship/super heavy might have. Please take into consideration the impact launches from the cape have on the environment. I do not understand why SpaceX and starship development is getting so much flack. I believe it's because unlike blue origin, SpaceX is making actual tangible progress. I believe the starship vehicle and the super heavy booster will have no more of an impact than Jeff bezos rocket has on the other place in Texas. Or ULA or Falcon9 or SLS. Starship needs to be allowed to proceed and be developed for the future of mankind. Thank you

From: [REDACTED]
Sent: Friday, October 1, 2021 2:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'm just a dude from Missouri but I would love for this thing to fly more than anything. Thanks.

From: [REDACTED]
Sent: Friday, October 1, 2021 2:51 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To FAA, Please approve SpaceX's request quickly after suggesting mitigations for any environmental impacts. This effort by SpaceX is too important and timely for the future of space exploration and humanity's survival. thanks

From: [REDACTED]
Sent: Friday, October 1, 2021 3:02 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

How long til the FAA says its a go for starship?

From: [REDACTED]
Sent: Friday, October 1, 2021 3:30 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, regarding FAA draft PEA for SpaceX, Boca Chica, Texas. I am a British subject, so I probably have no right to be heard on this issue, but I still want to express just how much my hopes, like those of many others around the world, are invested in the work being done by SpaceX at Boca Chica. I believe this work to be of great advantage to the United States - a nation that I respect and admire. Above this though, I believe SpaceX are building my dreams for the future advancement and security of the human species. Having read the draft PEA, I think there are no environmental impacts of great concern, but if you feel that there are, I urge you to judge them in the context of the great importance of the work being done. Regards Mike Fletcher
South Wales United Kingdom

From: [REDACTED]
Sent: Friday, October 1, 2021 4:34 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am a firm believer in NASA and SpaceX I believe that every reasonable effort should be made within all levels of the FAA to help and to expedite the immediate and long term goals this fantastic collaboration between NASA and SpaceX which will in very short order get humanity back to the moon and shortly there after to Mars. The FAA should be very excited about the near future and act with a greater sense of urgency to help foster humanity in its quest to explore beyond our home planet. I sincerely appreciate the time you take to read this email, it comes from the heart.

From: [REDACTED]
Sent: Friday, October 1, 2021 4:34 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The biggest reason why China is cleaning our clock is due to over-regulation, red tape and the slowness of it all. All these processes can be sped up greatly without compromising safety and environmental issues.

From: [REDACTED]
Sent: Friday, October 1, 2021 4:38 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Granted my reluctance for further delay, environmental reviews is important. My critics would be why it has taken all the years from 2014 to just approve a launch site. The baby steps taken for approving and reevaluating and reevaluating without coming to a proper descision. There are unique habitats for the animals that live near Boca Chica, the residence of Boca Chica village, the potential hazards, resistance from local residents. This is understandable. And I would not appriciate someone building a rocket launch complex inn my backyard and I had to move. For a minor launch complex in my backyard causing me to move I would fight with every ounce to prevent it. Same with a natural habitat of endangered species. -- But there are exceptions, depending upon the importance of something. Some see that clearly and some do not. The tipping point would be it's significance. And there is that spacex is bringing to the table, and frankly noone else will within 10 years. It will benefit Musk and his companies and building his network or what ever it might be...But the progress at which spacex has is never seen before, except under the cold war and apollo which was also motivated by fear of launch capacity(sputnik) of Soviet and had 10% the budget of a nation as big as the US. SpaceX might harm the environment in Boca Chica even through unforeseen circumstance, but the probability of that is low as you also point out in your report. Even if the probability is slim to none there might be a day where spacecraft with the capabilities like the Star Ship will eventually save large habitat on earth or extinctionlevel events. This is not a matter of if, it's the matter of when, given time. Such an eventuality would be an asteroid or a comet form or from inside or outside our solarsystem which we can't see before is just months away. Thouse threats are very real, and not only in movies. Chelyabinsk: Chondrite asteroid and ~17m in diameter - if it exploded lower it would have been a disaster. A surprise event. Tunguska:100 years ago 100-200m iron asteroid flattened more than 2,000 square kilometres of forest. These events are "rare" but you just never know. The best telescope for watching objects like that collapsed recently in South America. Having telescopes and capable spacecraft to respond to such events have either declined or halted recent years. Having a Starship type with launch cadence and reliability and solar system capability would give alot of much more than a retired spaceshuttle or low interplanetary payloads. Given all the potential risks, even though they are slim to none. The day when we need it, it's to late to say "wish we had approved this sooner" Thinking the issues with space vehicles would resolve itself, perhaps, but why risk it, when we see the trend of space vehicles like the space shuttle declining before spacex joined team space, it was not promising. I come from Norway, and still recognize the importance of what spacex is doing which noone else can match. I plead that you open up for more launches and give spacex the launch cadence to acctually make a difference. Expand the plans/ launch frequency instead of being a limiting factor every half year.

From: [REDACTED]
Sent: Friday, October 1, 2021 4:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

It would be wonderful if SpaceX was either compelled or encouraged to do one better for the impacted species in the area, such as stewardship by integrating, building or otherwise actively supporting habitats or wildlife for areas directly impacted on their property or in the Boca Chica community at large. Engage community and employees to take an active part.

From: [REDACTED]
Sent: Friday, October 1, 2021 4:55 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello I just wanted to ask you not to hamstring one of the best companies America has. I have not seen drive and innovation since the moon landing. Please consider having SpaceX build habitat for any creatures affected in process of his quest to lead us back to the moon. By doing so we are keeping America ahead in the space industry. It's rare to be proud of a company built on visions of a young generation.

From: [REDACTED]
Sent: Friday, October 1, 2021 5:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

While I believe that protecting the environment is of major concern, it is important that SpaceX be allowed to pursue their testing and flight activities. It may be that their mission to colonize the Moon and Mars is, in the long run, of greater priority to humanity than the possible environmental damage that may occur at their launch and testing facility. Therefore, it is with great urgency, that I hope the FAA will allow the testing and flights to continue.

From: [REDACTED]
Sent: Friday, October 1, 2021 6:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I Completely understand about the environmental impact and yes make space x clean up the debris and any mess made but their advancement in rocket technology Will far out way the impact on the environment/road closures etc. especially in the world we are now facing. If Space x is not able to continue we will loose our technology advantage in the space race to other nations as we currently are in the military and I believe the environment impact then won't matter as much as our foreign threats. In summary I believe space x development of these rockets at Boca chica are more important for our national security in this uncertain world and I think this must take priority otherwise there may not be an environment to save. Thankyou

From: [REDACTED]
Sent: Friday, October 1, 2021 6:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

This email is to let you know I fully support SpaceX, and I hope the FAA works quickly to approve their plans.
Thank you.

From: [REDACTED]
Sent: Friday, October 1, 2021 6:30 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I remember the Moon Landings conducted by NASA, the since of growing up in the generation that would open our Solar System to exploration. Fast forward to the early 80's and my USAF service where my last duty assignment was as Chief of Base Operations and Assistant to the Airfield Manager of the Air Force Flight Test Center, Edwards AFB, CA. Inspite of the technological wonders I saw first hand; participation in the initial Space Shuttle testing and launch's we had still not ventured beyond Earth Orbit with a manned craft nor have we yet. My only conclusion since is that the US Government lacks the pollical will and perseverance to do so. I ask sincerely that all acceptable leeway be given to Sapcxex; that the Government make every effort to accommodate the pace with which they have demonstrated they are capable of developing their systems. Please for the sake of future generations do not forsake them to the same fate that my own generation has endured. Please let us reach out to the stars. Ken Outlaw Concerned US Citizen St. Petersburg, FL

From: [REDACTED]
Sent: Friday, October 1, 2021 6:36 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Boca Chica and SpaceX is our future! It is as well as the future of America's power of the world! Elon Musk is not only a genius, but the inexpensive builds with the never before seen technology at the rapid A.I. type speed, shows his true concern for humanity. His way of testing and all the achievements him and space x has created is something we should appreciate to the most. The law is, you can't file a lawsuit or a complaint in the space industry against another company, if your company has never reached a high level of orbit, (aka blue origin), your complaint is not valid period. To allow this as well slows down the finally chance to have state of the art new innovative technology for our US military at superb price for the military and further ruins our economy, giving China all the economic and technology and power of the world. Texas economy and taxes lower with Elon Musk. Tesla will kill, and all space companies will end up developing more factories in Texas which will raise jobs. The man spends his own money for the people, Dr. Very low Orbit Evil is in it for the money and not paying a pocket for taxes like his other companies. Be careful, X-smART online shopping wouldnt be a surprise with better paying jobs and better stuff at a lower price! 😊 FAA, a CEO and an engineer that has people studying the crabs at launch site and chose Boca chica already knowing the laws of air travel sites, bringing many together at a higher interest of space now knowing why it is so important. ELON MUSK is better then a president, no ass kissing never met him, but the one who can bring our world out of red alert and move us towards the best route and get anything required done. I'm sure even the FAA is excited to see that Spaceship due it's thing already knowing the greatness of Space-X. Flying dildos won't get you to the moon, it barely gets to Orbit. Thank you for your time. Appreciate the work everyone is doing. #UnlimitedLaunchesAreUs #BocaChicatheGreatestSite #SpaceXistheone #tothemoonalice

From: [REDACTED]
Sent: Friday, October 1, 2021 8:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, I support the effort of SpaceX to build and operate a Space port at Boca Chica, Tx. I am aware that an installation at that magnitude will have some negative impact on the local environment. Looking at the big picture through the eyes of an earth citizen, I come to the conclusion, that the benefits of human space travel beyond LEO by far outvalues some local environmental impacts. Please let SpaceX go ahead with their endeavour and make humankind multi planetary. I live close to Alamogordo, New Mexico, a community having witnessed the first American rocket launches about 75 years ago. These were first tiny steps! Crazy back then! Let the spirit go on and allow this big leap! Thank you. Sincerely, Roland Carstaedt

From: [REDACTED]
Sent: Friday, October 1, 2021 1:49 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern: Thank you for your wisdom in requiring an environmental assessment. I am a huge fan of SpaceX and admire its accomplishments and goals. One of SpaceX's goals is for humans to become multiplanetary to improve the survivability chances of our species. However, before we get to Mars, we should consider environmental impacts here on earth and in particular at Boca Chica, TX. I hope that your findings will ultimately allow SpaceX to continue their efforts in developing Starship. I will enjoy watching future launches in the comfort of knowing that smart people considered our environment first. Sincerely, Dan Ohair

From: Kathy Pinckney ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Wednesday, October 6, 2021 8:40 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

I join the many people and organizations that care about the impact Space X will have on the people and marine life of the coastline of Texas.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Kathy Pinckney
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Aline Rosenzweig ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Wednesday, October 6, 2021 6:04 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

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Sincerely,

Aline Rosenzweig
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Jim Neal ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Wednesday, October 6, 2021 5:39 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Jim Neal
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: Wednesday, October 6, 2021 3:34 PM
To: SpaceXBocaChica
Subject: Comments in Support of the Draft SpaceX PEA
Attachments: Comments Submitted in Support of the draft SpaceX PEA.docx

Please find attached my comments in support the Draft SpaceX PEA

**Comments Submitted in Support of the
Draft Programmatic Environmental Assessment for the SpaceX
Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica
Launch Site in Cameron County, Texas**

October 6, 2021

Having reviewed the entire draft PEA prepared by SpaceX for their Starship/Super Heavy Launch Vehicle Program with accompanying Appendices, Tables, and Figures, I find nothing that would preclude SpaceX from continuing development of its launch vehicle program. This program and the promise that it holds in keeping the United States at the forefront of manned space exploration within our solar system should be a National Priority—much as it was when President Kennedy so eloquently stated the goal of landing a man on the moon within the sixth decade of the last century.

Every American has witnessed the rapid pace of the Chinese Space Program in developing unmanned exploration activities on the moon and on mars and a manned space station within the past few years. To be sure, they do not require the regulatory approvals or environmental studies that we have and that are meant to ensure safety and avoid potential environmental impacts. It is the highlight of foolishness, however, to not believe we can do all of these things in a timely manner.

My greatest concern is not whether SpaceX will be given all of the necessary regulatory and NASA approvals, but when. As a former government employee, it is not difficult for me to see when agencies with regulatory purview decide to put the “brakes” on ambitious programs. Extending the comment period is just such a small impediment that was easy to foresee as a reminder to SpaceX that they will not be able to proceed with their program until all regulatory issues have been settled.

Indeed, among the operable space launch facilities in the United States, e.g. Wallops Flight Facility, White Sands Missile Range, Cape Canaveral Space Force Station, Vandenberg Space Force Base, Kennedy Space Center, Pacific Spaceport Complex, Mohave Air and Space Port, Spaceport America, and Corn Ranch, each has faced the unique regulatory and environmental challenges faced by SpaceX Starbase Spaceport. And yet, each has continued to operate while SpaceX awaits

the approvals necessary for them to continue the development of their ambitious program. When the press reports (either rightly or wrongly) that the tower structure being built at the spaceport may have to be torn down and that “The company is building the tower at its own risk,” it is difficult not to see that as a threat, perhaps like extending the comment period for a draft report covering activities that are currently being conducted by all of the other launch facilities.

Certainly, when two members of Congress wrote a letter on March 25 of this year to FAA Administrator Steve Dickson (Reps. Peter DeFazio of Oregon, chair of the House Transportation Committee, and Rick Larsen of Washington, Larsen the chair of the Transportation Committee’s Aviation Subcommittee to complain about SpaceX proceeding with launch activities without an FAA inspector on site, the American people have a right to question the motivations. Apart from Reps. DeFazio and Larsen having benefited from large political contributions from Boeing, some might believe that having an FAA inspector “on site” would be the responsibility of the FAA and not SpaceX. Were I in charge of hundreds of people attempting to develop something we have not seen before, I would expect the FAA could have someone ready at all times. Were this person a GS-11, 12- or 13, he or she would not cost the federal government the tiniest percentage of the money it cost to have a staff at the ready of launching an experimental prototype. If the American people or our members of Congress truly believe that the FAA inspector had some level of control of the safety or operation of the test vehicle, they really don’t understand how government works. To be sure, the CEO of SpaceX can be abrasive and caustic in his remarks at times, but that has nothing to do with the proper performance of regulatory responsibilities.

Competition, at its best within our capitalistic society, allows the competitors to produce the best product they can, operating within safety guidelines, and may the best company win. I understand that the multiple setbacks experienced by SLS and the Starliner programs can have a detrimental effect on the funding provided on behalf of the American people by the Congress, but putting the brakes on programs that are keeping us at the forefront of space technology, cannot and should not be allowed, by those seeking to make everyone a winner, when our Chinese counterparts care little for making sure everyone who is involved gets a trophy.

I would argue that attempting to derail those programs that are trying to ensure that America maintains its leadership role in space, will surely backfire on those agencies who attempt to subvert their efforts. Please move on with

this in all haste. Do your jobs, but don't be petty or vindictive. Those of us that understand the operation of the government understand and thank you for being farsighted enough to do what is best for our country.

Michael P. Davis

[REDACTED]

[REDACTED]

From: Ryan Quincy <[REDACTED]>
Sent: Wednesday, October 6, 2021 4:00 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Comment

There is an uncommonly large amount of momentum in spaceflight right now, and successful development of Starship could launch us deeper into space than we have been since the space race. I personally believe that even if the program completely destroyed the local wetlands it would be a worthwhile tradeoff.

That being said, I am entirely in favor of mitigating the local impact of the project and see this as an opportunity to even help local species. Conservation efforts are chronically underfunded, so if there are endangered species at risk in the area SpaceX could contribute funding to efforts to create backup habitats for them. Additionally, SpaceX could help restore wetlands up the coast in proportion to any they destroy in pursuit of further operations. Generally, however, I was pleased to see that the environmental impact will not be anywhere near as catastrophic as I painted above.

From: Lea G <[REDACTED]>
Sent: Wednesday, October 6, 2021 10:41 AM
To: SpaceXBocaChica
Subject: Environmental Impact Study of SpaceX

To whom it may concern,

I have been following the progression of “space tourism” around the world and I am troubled by the immense environmental impact this will have on our planet now and more so in the future.

I have read most of this study and I strongly believe that the FAA and the US Government should impose a Carbon Tax on all space tourism operations.

Your study states that the annual Carbon Dioxide emissions for SpaceX operations will be 47 522 tons. How will this amount look in a few years when the elite masses start booking their space flights?

I am all for progress in science and technology but I cannot get past the Billionaires space race and the exorbitant amounts of money the space tourists are paying (\$28 million a seat).

Perhaps it is time for these billionaires to contribute to the greater good of our planet rather than compete with each other for points on their high society checklists. Will off-planet travel tourism reduce the global greenhouse effect and its slow destruction of our planet? I think not.

Respectfully,

Lea Gerrard

Sent from my iPad

From: [REDACTED]
Sent: Wednesday, October 6, 2021 1:01 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX Starship is the most important project in the world . Please do not slow it down. Adrian Bishop Plymouth England

From: [REDACTED]
Sent: Wednesday, October 6, 2021 3:04 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To Ms. Stacey Zee, SpaceX PEA, c/o ICF, Please allow SpaceX to operate the Starship program. I have utmost confidence that Elon Musk and Gwynne Shotwell will do the right thing as they have my public trust. SpaceX is needed for the future of humanity, to the best of my knowledge there is no one else. Please keep my personal information private as best as possible. Thanks, Weiling Chan [REDACTED]

From: [REDACTED]
Sent: Wednesday, October 6, 2021 10:56 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My name is layne campbell, as a member of the public and a citizen of the United States I am proud of the work that SpaceX is doing to increase access to space. As an engineer I can attest to the inspiration that their innovations have given to a whole new generation of young people entering the fields of science technology engineering and mathematics. Protecting the environment on earth is incredibly important and it is therefore critical that spaceX make good faith effort's to ensure the protection of the environment around it's Boca Chica site. That said, I believe they have done so, and will continue to do so. At this point they should be given clearance to proceed with continued oversight from and cooperation with the FAA. It would be a tragedy for our nation, and the world if there was not a reasonable path forward for SpaceX to quickly pursue orbital lunches from the Boca Chica site. The potential scientific innovation that would come from a fully rapidly reusable orbital launch system cannot be understated, nor the resulting benefit to humanity and the environment. Please work as hard as you can to create an environmentally responsible plan for SpaceX to proceed with orbital lunches from their Texas site.

From: [REDACTED]
Sent: Wednesday, October 6, 2021 8:44 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To; Whom it may concern My name is Jose Gonzales, I have been following Space X since there was coverage on the company. Whilst I have noticed that there is quite a bit of subject matter...to discuss when comes to issues that circulate environmental safety...I could discuss this for hours with an open eared persons, but As I know you are busy, I will make this as quick as possible. SpaceX has given me and many other Americans something we have lost since the retirement of the shuttle program... Hope...Inspiration...and Excitement...Whilst this dose not excuse any environmental harsh environmental impacts. All things considered..."Tesla" for one. This company has human civilization in mind which is clear by the investments its CEO has made. I feel that hindering this company from completing its goals...is not only a slap in the face of the American people, But also to humanity in general. Most Americans are religious in some form or another, and there is nothing one can do if "God" calls us to his kingdom, all we can do is prepare ourselves for such an event. And this Company along with the CEOs' endeavors are innovating many ways to protect civilization from its self and for when "God" calls to Earth as a whole. An E.L.E. could occur 5 seconds after this email for all we know. It would be nice to know that there is in effect a back-up plan for all our sakes. That is all. Thank You for your Time. Sincerely Yours: Jose Gonzales III of Marion Indiana

From: [REDACTED]
Sent: Wednesday, October 6, 2021 3:48 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX has my full support in launching from Boca CHica as soon as possible.

From: [REDACTED]
Sent: Wednesday, October 6, 2021 11:28 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern: The necessity of expanding mankind's footprint into space is vital to the ultimate protection of our natural resources. By SpaceX utilizing CH₄, LNO₂ as the fundamental fuel components for it's launches shows a keen awareness to avoid the deadly , toxic hydrazine compounds in their launch program. The area environmental impacts due to the remoteness of the launch facility , is in keeping with the Cape Canaveral launch program environmental model. When remote locations such as BocaChica are left to the tourists only, usually very little oversight goes into the focus of the repairian habitat. With the focus of government agencies fueled by the commercial interests of the world being applied to this remote area, the application of mitigation, and remediation funding by SpaceX had been generous, and timely. The obvious construction phase of vital infrastructure , I feel should be circumnavigated by appropriate diking, and controlled / protected access points for safety containment purposes. This is a common practice for "tank farms" in hydrocarbon production industrial areas. This should be implemented at the final stages of STARBASE launch facilities construction phase so as to not effect large equipment movements. Further, water inundation, recycle, treatment barrier remediation should be closely evaluated to not only minimize ground level acoustic and heat transfer impacts to the area around the launch facilities. Other than those issues, for me I am a proud Texan citizen to have a cutting edge "go to space" corporation like SpaceX in our state. Texas independent spirit and zeal for all things Space goes in line with our beloved Johnson Space Center here in Greater Houston. My support for this gallant world changing effort by SpaceX is to be applauded, and approved for use by the FAA at it's earliest opportunity. I AM IN FAVOR OF SPACEX, BOCACHICA !! My best regards, Joseph DuPre' [REDACTED] [REDACTED]
[REDACTED]

From: [REDACTED]
Sent: Wednesday, October 6, 2021 3:50 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX has my full support for launches from Boca Chica as soon as possible.

From: [REDACTED]
Sent: Wednesday, October 6, 2021 11:44 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear Sirs, Any endeavor we have will one way or another, has repercussions in our environment especially a huge project of SpaceX in Boca Chica. But we have to weight the immense benefits that SpaceX offers in terms of humanity getting humans to the moon Mars, etc. & more importantly the technological advancement that's going to benefit the USA. Or else other countries like China, Russia, etc. will outrace us & we will be left behind - militarily & technology wise. Let's take this window of opportunity, get moving & allow SpaceX to move forward ASAP. Let's us make a giant leap for mankind before it's too late! Thanks!!

From: [REDACTED]
Sent: Wednesday, October 6, 2021 5:45 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I strongly encourage the FAA to clear SpaceX for launches at the Boca Chica, TX spaceport. This area is remote enough for these launches which are now part of America's national security.

From: [REDACTED]
Sent: Wednesday, October 6, 2021 12:32 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I say let the process begin by far us as human is more dangerous to wild life then a rocket ship can ever be this is the first step to continue human life beyond earth. Yeah most of us living today won't see this but my kids kids will think for a second if this happens and one day it will just think what if they go and so happen to run into a far more complex way of life in general and they could come back to earth and all whom passed can come back and live a second life sounds far fetched but to think we are not alone in the universe.

From: [REDACTED]
Sent: Wednesday, October 6, 2021 6:50 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I've read the SpaceX PEA and fully support the issuance of a testing and testflight permit for the Super Heavy Launch vehicle. The environmental impacts are relatively negligible and are acceptable given the importance of the Super Heavy to NASA's plans for returning to the Moon and onward towards Mars.

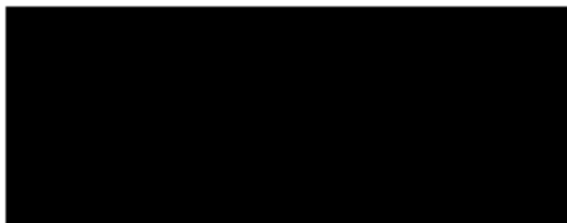
From: Batts, Shauna
Sent: Wednesday, October 6, 2021 9:59 AM
To: SpaceXBocaChica
Subject: mail
Attachments: SPACEX.pdf

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]



MILWAUKEE WI 530

2 OCT 2021 PM 7 L



Ms Stacey Zee
SpaceX PEA, c/o ICF
9300 Lee Hwy
Fairfax VA 22031

22031-4000



Ms Stacey Zee
SpaceX PEA, c/o ICF
9300 Lee Hwy
Fairfax VA 22031

RE: FAA draft PEA, SpaceX Boca Chica TX

September 30, 2021

Dear Ms. Zee

I offer my input regarding SpaceX's future activities in Boca Chica, Texas, please proceed with Starship/Super Heavy launches and continued development here! I speak as a taxpayer, a free hugger, a political scientist who closely tracks the news, and space enthusiast.

The passion reasons: this project brings unprecedented hope for the future - for the American space program, for big ideas in America generally, and literally the expansion of life itself into the cosmos. I and thousands of others across the world wake up every day and devour the stream of enthusiast-reported engineering magic taking place every day at Boca Chica. This burst of real progress is something I grew up thinking I wouldn't live to see, and I'm ecstatic to be wrong. The countless future engineers, welders, and other hard-science inspired students sparked by this can literally be watched screaming with amazement at SpaceX's exploits on YouTube (see Falcon Heavy).

The "real world" reasons are also about as compelling as they can get. This location, at the southern tip of the continental US and facing an eastern ocean, is geographically unique; SpaceX can't just pick a better brownfield somewhere else. Most would-be new spaceport promoters have to finesse their numbers to pretend they'll generate a local 'rocket economy' someday, but SpaceX has already rocked Brownsville economically in the best ways possible, and will only accelerate if Starship proceeds here. Constantly full hotels and restaurants from both employees and tourists are only the beginning. Direct financial assistance to local schools has already been announced.

The environmental concerns need to be taken seriously, and that's what this is about. I trust SpaceX and its regulatory authorities to partner for intelligent decisions. I work hard to base that on fact and not naiveté or wishes. As an informed citizen/former farm boy/guy who turned his lawn into a native prairie, my understanding is that the methane, oxygen, and nitrogen being used onsite (nothing toxic) and the associated launches are just one part of a very focused site use plan that is informed by hard data and hard results. As an exhaustive consumer of SpaceX's daily activities, I take away that they are a responsible manager of their footprint and take reasonable steps to mitigate negative effects of their activities. Their goal is truly to transform space access, and so our economy, and they clearly don't want to trip up on dumb mistakes.

If Boca Chica is permitted to responsibly grow into the actual gateway to Mars, it's impossible to overstate the benefits to South Texas, the country, and the world. We can actually grasp the outline of what that will look like - please support it!


Steve Samuel

[REDACTED]

From: Batts, Shauna
Sent: Wednesday, October 6, 2021 9:59 AM
To: SpaceXBocaChica
Subject: mail
Attachments: SPACEX.pdf

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]

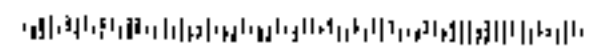


BY DANIELS NJ 070
4 OCT. 2021 PM 3 L



Mrs. STACY LEE
SPACE 2 DEK
C/O LEE
9300 LEE HIGHWAY
CHILDAY, VIRGINIA
22031

22031-605155



October 1, 2021

Ms. Stacey Zee
SpaceX PEA
c/o ICF
9300 Lee Highway
Fairfax, Virginia
22031

In December of 1968 the people of the world received an expected gift. It came from the crew of Apollo 8, an image taken by Astronaut William Anders of the Earth from Lunar orbit. "Earthrise" helped ignite a grassroots realization that as stewards of this planet, we were not doing a very good job. First individuals, then government, finally industry began to embrace the idea that the place of our birth must be cared for. So that each new generation would be entrusted a better earth to realize their dreams.

Since that day, over half a century ago, collectively we have made a difference. From the air we breathe, the water that supports our very life, to the lands we call home. But in spite of these victories, it is becoming very clear that this effort needs to be accelerated not just maintained. With that in mind, nations, states and industries around the world have committed themselves to not only halting, but reversing the damage done.

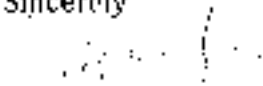
Until 2018, most experts did not consider spaceflight to be a source of environmental damage, the high price kept the cadence of launch activities to a few per year. That changed with SpaceX and their goal of increasing access to space. Both its founder and president have gone on record with aspirations, that if achieved would bring irreversible harm to the planet that all of us need to stay alive.

Allowing even one experimental orbital Starship launch essentially condones the development of a new greenhouse gas producing transportation system. This is inconsistent with what other existing, mature transportation systems are currently expected to do, retooling, at significant cost to lower or eliminate that same gas.

It would also be a mistake to assume that this problem will go away if Starship does not succeed, as many in the field believe. SpaceX has a history of making them eat their words.

The utilization, exploration and eventual colonizing of our solar system by a few brave souls must be done in such a way as to not jeopardize the planet of their birth. Where the rest of us will continue to live our lives, making our "pale blue dot" better for all who are born after us.

Sincerely


Stephen Roe


From: Kim Solar <[REDACTED]>
Sent: Tuesday, October 5, 2021 9:33 PM
To: SpaceXBocaChica
Subject: My support for SpaceX

Any and all efforts to improve the human lot are good. The vision and method of Mr. Musk are laudable. My full support for all SpaceX is doing and I urge policy-makers to perform their necessary bona fide oversight with efficiency, diligence, and a solutions-oriented approach.

I admire that this entrepreneurial marvel is occurring in the USA. Anywhere else that attempts to entice SpaceX away from the USA (and that certainly must be happening) will not result in a better programme. Commercial competition is fundamental to our society and Mr. Musk knows how to do that morally and successfully.

Also we must recognize the SpaceX programme as a bright light in our time, inspiring young and old alike. Separate from the mechanics and economics of it all, the positive, uplifting effect this endeavour has for us all is precious ... particularly in the aftermath of the disillusionment of the post-modern era.

We need this spectacle and this potential.

--

Kimbal Robert Solar, BFA BArch
[REDACTED]

From: Peter Wagner <[REDACTED]>
Sent: Wednesday, October 6, 2021 8:57 AM
To: SpaceXBocaChica
Subject: Public Comment on Boca Chica Draft PEA

To whom it may concern:

I am a US citizen currently living in Ohio. I have followed the progress of SpaceX at Boca Chica since the launch of Starhopper in 2019, and I recognize the magnitude of this project both for the future of humanity and for NASA. Nevertheless, I also recognize the necessity for environmental responsibility and oversight, and I'm pleased by the FAA's diligence in this progress. I see the extension of the public comment period as the FAA taking the environmental review seriously, refusing to take shortcuts, and respecting all reasonable environmental concerns about SpaceX's plans at Boca Chica.

I have carefully reviewed several portions of the PEA, paying special attention to the Executive Summary. **In my opinion, the Proposed Action, which is the preferred alternative, satisfies all the requirements and objectives of the PEA and I fully approve of the measures outlined in the Proposed Action.** The comprehensive list of concerns and proposed actions listed in Table S-3 are all very reasonable in my opinion.

My greatest environmental concern is harm to endangered species and their habitats. However, I accept the assessment under the line "Biological Resources" that "The FAA has determined the Proposed Action would adversely affect species listed under and critical habitat designated under the federal Endangered Species Act (ESA)." I trust the assessment of biologists, and I also trust that SpaceX will do everything in its power to comply with recommendations and mitigate any harmful effects on species. Historically, I recall that SpaceX donated industrial generators to save 4500 cold-stunned sea turtles at Boca Chica after the winter storm in February 2021, that SpaceX patrols the beach for sea turtle activity before and after every launch, and that SpaceX employees receive training in handling cold-stunned sea turtles. These proactive actions by SpaceX to preserve wildlife encourage me that SpaceX will do everything it can to minimize its biological impact at the launch site.

Respectfully yours,
Joel Peter Wagner

From: Ken Younge <[REDACTED]>
Sent: Wednesday, October 6, 2021 8:55 AM
To: SpaceXBocaChica
Subject: Public Comment to add to the Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Dear FFA,

I am writing to add a public comment to the Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas.

In short, I believe the SpaceX Boca Chica project is of **great strategic importance** to the United States, the State of Texas, the community of Brownsville, and the future of the US aerospace industry.

I am a professor of Business Administration and Economics, and I am also an avid environmentalist. As such, I believe that I am in an expert position to comment on the relative merits and tradeoffs of the proposed project.

There will always be some tradeoffs between the advancement of an industry and the protection of the environment. By my reading of the Environmental Assessment, the impact on the environment would be extremely minimal and easily mitigated, whereas the benefits to the US aerospace industry will be immediate and enormous. As such, **I strongly encourage the FFA to issue the proposed permit without delay**. I would be happy to provide expert witness testimony to that effect.

Sincerely,

Dr. Kenneth Younge, Ph.D.
Associate Professor of Economics
Chair of the Technology and Innovation Strategy Lab, EPFL

From: Jessica Pearson <[REDACTED]>
Sent: Wednesday, October 6, 2021 5:46 PM
To: SpaceXBocaChica
Subject: RE: SpaceX Draft Programmatic Environmental Assessment (PEA)

Jessica Pearson
P.O. Box 23252
Ventura, CA 93002
October 4th, 2021

Ms. Stacey Zee
SpaceX PEA
c/o ICF
9300 Lee Highway
Fairfax, VA 22031

Dear Stacey Zee,

My name is Jessica Pearson and I am writing you to show my support for the Space Exploration Technologies Corp. aka SpaceX. Last year while in quarantine, I found a thick white envelope addressed to me, return address was from NASA, post marked from the 90's. I was taken back to my childhood and reminded of the time I was bold enough to write a letter to NASA and express my curiosity for the exploration of Space. In my 35 years of life, this passion has dwindled until the memory was lost. All the hopes and dreams I had imagined that would be here in our future had not come to fruition. That is until I began to follow the work of the company SpaceX. I was skeptical at first. Jaded by the false promises and wavering faith in the validity of space publicity. Administration promises with little to show to the public. Many times I found myself asking why we don't focus the problems here on Earth first, now I know that was a naïve perspective. We have had many crucial advancements come from the important science being done in our orbit and beyond. The very devices that we are using to communicate with today would not exist without our satellites and technological advancements made within space programs. It's easy to take for granted and under-appreciate the value the space sector has added to our lives.

The state of the world now is far removed from our youth. In some ways, there is a glaring imbalance between our advancements and our ability to implement these technologies to solve the issues of today. SpaceX however, with trial and error and solid data, has been able to find a perfect balance of advancement and implementation with their incredible human talent and seemingly alien technology. They have proven time and again the efficacy of their technology and have single handedly reinvigorated the passion for space in hearts worldwide. After reading the entirety of the Federal Aviation Administration's Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas September 2021 (no quick task), I am more confident than ever that SpaceX is doing the most when it comes to having foresight and awareness for safety and control of their systems. They have taken great lengths to insure safety and to have the least amount of impact on the environment and surrounding lands of Starbase Texas.

I do feel for the citizens of the community that have to deal with sound and traffic disruption. Yet I feel the benefits that SpaceX has been able to implement far out weigh the negatives. SpaceX is an essential part of the United States of America. They are leaders in the world of innovation with their rapid reusable rockets and it would be a tragedy to miss

these opportunities over licensing. They have saved taxpayers incredible amounts of money while also adding services and providing more opportunities for payload to orbit. I can only imagine how hard it must be to approve these licenses when the laws that were originally written don't fit what we see today. Which is why this is a perfect opportunity to rewrite policies to prepare us for how things will advance in our near future.

Unfortunately America continues to be outpaced by other governments of the world. There are many reasons for this and not all of them have to do with our Space program but this in particular gives us a strong foothold; to being the stewards of advanced flight technologies. SpaceX inspires people and with enough ingenuity, we can officially become a multi planetary species within our lifetimes. As crazy as that may seem to say aloud. This has been a dream for millions of people throughout Earth and throughout time. We are a young species in the grand scheme of the universe and I can think of no greater accomplishment then going back to the moon, establishing a base, then to Mars, and beyond. Knowing that all of this hangs so delicately in the balance is devastating. What if this is as far as we get in history? That would be very sad because this is all possible. We must not rob our future of the great opportunities that can be realized through the successful flights of the aptly named STARSHIP. SpaceX and the STARSHIP rocket represent hope for so many. The children within us all dreaming of possibilities.

Thank you for opening up this discussion to the public and taking the time to collect our input. I know this is a heavy responsibility that no one expected or signed up for but we all have an opportunity to be a part of such a pivotal moment in history. A moment that will inspire generations of dreamers to come. We must take these small steps and giant leaps today and not let these special moments disappear. Ad Astra!

Sincerely,

Jessica Pearson
Citizen Space Enthusiast

From: Grace Brown <[REDACTED]>
Sent: Wednesday, October 6, 2021 11:55 AM
To: SpaceXBocaChica
Subject: SpaceX / Super Heavy Starship Program

Hello Ms Stacey Zee,

Please consider my communication in support of the development of the SpaceX Starship/Super Heavy Program.

While all actions performed by man come with environmental impact, the key question here is the trade-off in the overall advancement of our species. In this case, the benefits both short-term and long-term of this program far outweigh the environmental impact.

Thank you for your consideration.

Grace

From: Adam Nikolic <[REDACTED]>
Sent: Wednesday, October 6, 2021 10:31 AM
To: SpaceXBocaChica
Subject: SpaceX Approval

As a huge space exploration enthusiast SpaceX has managed to create a new hope and wonder among a generation about space travel. By approving the Starbase to launch Starship Super Heavy this will only accelerate the industry and an entirely new commercial opportunity not only for space tourism but for many new jobs as well. With speedy and cheap space travel being available there is no limit to what can happen.

With that being said, I do hope that strict measures will be in place to ensure SpaceX conforms to any regulatory act around the environment. I hope there can be a plan to have a great balance of both. A great new industry that will spawn many new companies and technologies but that also can show the way of how to do it in an environmentally friendly way.

An excited fan,
Adam Nikolic

From: Greg Tollis <[REDACTED]>
Sent: Wednesday, October 6, 2021 4:22 PM
To: SpaceXBocaChica
Subject: SpaceX FFA PEA Public Comments

After reviewing the PEA document, it appears that the environmental impact requirements are well-defined and I expect that SpaceX will meet all of them. SpaceX's natural, internal, proven ability to "do the right thing" from the start, to meet any/all requirements, to minimize any related environmental impacts, and to develop absolutely mind-boggling technical solutions - and doing it safely, should provide a fantastic starting point when it comes to assessing what the FAA should expect to see from SpaceX throughout the course of the Starship/Super Heavy program.

I work for NASA and I am a space enthusiast for sure. However, I urge you to consider this moment in human history and understand that SpaceX is one company that has the ability to dramatically impact the future, not only here on Earth, but across our solar system and beyond. Please consider the balance between the enormous positive impact their work will have on the future of this planet, solar system, and human race, against the relatively small environmental and human safety risks that are currently being assessed.

As a NASA engineer, SpaceX has more than proven their ability to minimize risks with respect to the environment, human safety, and even the technical aspects of their very difficult development programs.

We all want what's best for the environment, and safety for everyone on Earth, and beyond! However, as humans, we want to explore beyond our current boundaries and SpaceX is accelerating progress at a rate that most people can't even comprehend. It is truly amazing what they have accomplished in a very short time and I just want to make sure that everyone does what they can to protect them from rules and regulations that might needlessly slow down their tremendous technical progress and pace. That's why I have submitted this letter - because it is my duty as a human to support this cause, which will ultimately extend the future of the human race. That may sound a bit over the top, but I am 100% confident that this is a true statement, and SpaceX is currently leading us toward this achievable goal. I can't wait to see them meet one milestone after another until we become a multi-planetary species.

Thanks for considering my public comment!

Greg Tollis

P.S. Please add me to the mailing list.

From: Greg Tollis <[REDACTED]>
Sent: Wednesday, October 6, 2021 4:54 PM
To: SpaceXBocaChica
Subject: SpaceX PEA Comments

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Thanks for considering my public comment!

GT

From: Walt Lenard <[REDACTED]>
Sent: Wednesday, October 6, 2021 10:58 AM
To: SpaceXBocaChica
Subject: SpaceX Starship/Super Heavy Launch Vehicle Program

Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

The following is my recommendation and opinion of the above Program.

Grant favorable approval for continuation of program by SpaceX.

Respectfully,
Walter Lenard
[REDACTED]

Further discussion:

1. I am a retired engineer with a background is environmental affairs and project management.
2. During my career I personally observed many environmental releases and discharges. I also observed the impact on the environment and wildlife both pre-release, that is land preparations, and after release/deposition.
3. I recommend approval because and it is stated in Section 1.3 - Satisfaction of these needs benefits government and public interests to continue resource protection and reduce operation costs [of space flight].
4. I understand, as stated in Section 1.4, that there are many good and bad potential impacts. However I believe that the long term benefits to humanity justify continued development of the proposed program.

Life is 10% of What Happens to Me and 90% of How I React to It

From: sandra tarpey <[REDACTED]>
Sent: Wednesday, October 6, 2021 6:53 PM
To: SpaceXBocaChica
Subject: SpaceX Updates

Please send any & all updates to me at this email address. Thank you,

Sandra Tarpey
[REDACTED]

[Sent from Yahoo Mail on Android](#)

From: Rotter, Uwe <[REDACTED]>
Sent: Wednesday, October 6, 2021 9:33 AM
To: SpaceXBocaChica
Subject: Starship Spaceport Boca Chica

Dear Sirs,

I just wanted to convey my position for the development of the Starship Spaceport in Boca Chica, TX.

Like in Peenemuende (Germany) and Cape Canaveral (NASA, Florida) being at the forefront of the engineering know-how has led this country to excel and provide jobs for a booming industry.

I am convinced that supporting Elon Musk and his SpaceX organization will do good for the ground installations of the space based industry (see tourism at Cape Canaveral), provide the State of Texas with a boost in reputation and much needed tax dollars, and will enable us as a country to be in the lead of technology that has set our good, old USA apart from every other country.

I am sure that my "landsman" Wernher von Braun would agree with me.

We both would like for you and SpaceX to come to agreeable future solutions.

Regards,

Uwe Rotter

Elburn, Illinois

PS: We "love" Texas!

From: Will Mayo <[REDACTED]>
Sent: Wednesday, October 6, 2021 11:37 AM
To: SpaceXBocaChica
Subject: Support for Boca Chica Facility

After reviewing the presented information and draft from <https://www.faa.gov/newsroom/faa-invites-public-comment-draft-environmental-review-spacex-starshipsuper-heavy-program>

I would like to submit my support for moving forward and allowing space X to operate and expand the operations in south texas.

Thank you!

--
Will Mayo
[REDACTED]

From: [REDACTED]
Sent: Wednesday, October 6, 2021 2:06 AM
Subject: videowork

Hello we have commercial offer for you if you are interested let us know our budget 7000\$

-

Kind Regards,
Advertising team
Wondershare Filmora --

From: Mary Jane Zamarripa ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Thursday, October 7, 2021 9:28 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Mary Jane Zamarripa
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Joel Brotzman-Gonzales ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Thursday, October 7, 2021 5:36 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

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Sincerely,

Joel Brotzman-Gonzales
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Elizabeth Perez ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Thursday, October 7, 2021 1:07 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

My family has lived in this region since the 1800's. I have a photo of my grandparents and my mother and her sister driving to Boca Chica for outings in their "tin lizzy". This was before there was a bridge to South Padre. Boca Chica is one of the Lower Rio Grande Valley's jewels. This space program has shown with it's various malfunctions that it cannot coexist with this pristine beach and the national wildlife refuge that it borders.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

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Sincerely,

Elizabeth Perez
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Madeleine Sandefur ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Thursday, October 7, 2021 1:37 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

Since I live within about 7-10 miles from the test site (I can see the rockets from my driveway, and hear them with closed windows!) , this issue is of utmost importance to me - especially given the fact that we've already experienced several explosions, and also because these new Super-heavy type rockets have about three times the number of engines - and therefore I assume 3x the thrust - of the earlier rockets. It is with the utmost and urgent plea that I request that you demand a full EIS for this project!

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

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Sincerely,

Madeleine Sandefur
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Mary Volz ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Thursday, October 7, 2021 7:53 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

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Sincerely,

Mary Volz
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Neil Quarles ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Thursday, October 7, 2021 7:33 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

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In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Neil Quarles
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Roel Cantu ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Thursday, October 7, 2021 5:18 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

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Sincerely,

Roel Cantu
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: James Roman <[REDACTED]>
Sent: Thursday, October 7, 2021 8:00 AM
To: SpaceXBocaChica
Subject: FAA Starship Public Comment

To whom it may concern

I support the development of the Space Exploration Company's Starship for the following reasons.

The successful completion of a fully reusable orbital class rocket will significantly reduce the cost of space exploration and development.

Economical transportation has historically been the key enabler to human settlement of new frontiers. The Earth's moon, Mars and our solar system's minor planets (the asteroids) should be viewed as potential locations for future human settlements.

Human settlements off earth will create opportunities for the development of artificial earthlike biological habitats. These habitats could help to insure the long-term survival of earth's biodiversity.

Near term benefits include the reduction and eventual elimination of spent expendable rocket stages in the ocean.

The use of liquid methane vs. kerosene as fuel is also preferable for air pollution reduction. In the event of an accident there is less chance of ground or water contamination from unused fuel.

Thank you
James Roman
Retired Electronics Engineer
Department of the Navy

[REDACTED]

From: [REDACTED]
Sent: Thursday, October 7, 2021 11:29 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

October 7, 2021 Ms. Stacy Zee SpaceX PEA c/o ICF 9300 Lee Highway Fairfax, VA 22031 Dear Ms. Stacy Zee: I am writing today to encourage the F.A.A. to approve SpaceX plans for construction and operations in Boca Chica, TX, and I have a number of reasons for doing so: • The presence of SpaceX facilities and operations will boost the economic well-being of the Brownsville community as a whole, not only through the purchase of services and materials by SpaceX but also through the money spent locally by its workers • The number of high-tech jobs created by SpaceX in the Brownsville area will be substantial • High-tech educational opportunities both for adults and especially for children will be significant • And the daunting environmental and existential challenges facing the human species cry out for an audacious response. As far as we know, the human species characteristic of "consciousness" (awareness of one's own existence) may be unique in our universe; protecting and nurturing it is a critical reason for SpaceX's activities. Beyond the exciting possibilities that will benefit the world's peoples because of the company's success, it is the responsibility to "consciousness" itself that demands we do all that is possible for its growth and protection. Our future may well lie in becoming a multi-planet, space-faring peoples, and I believe the current efforts of SpaceX in Boca Chica, and of others reaching for the stars, represent the most important efforts on the planet to guarantee the future of the human species. Finally, I would like to address some of the concerns expressed by others. As a practical matter, the loss of beach access and any challenges to the well-being of the wildlife sanctuary would be a small price to pay for the importance of having the SpaceX operation in Boca Chica. But, in fact, SpaceX has worked to minimize any concerns regarding these issues. Having pull out lanes essentially eliminates any concerns regarding beach access except during live launch operations, which are not all that frequent. And SpaceX has demonstrated its good stewardship toward the wildlife being protected and pledged to work with wildlife protection folks to address any issues that may arise Fundamentally, I believe F.A.A. approval would have near-term positive benefits for the people involved in the project and the community in which it is based, but, most importantly, for the long-term future of the human species. I hope the F.A.A. will take a proactive role in supporting the SpaceX efforts. Sincerely, [REDACTED]

From: [REDACTED]
Sent: Thursday, October 7, 2021 1:34 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Elon Musk has repeatedly made it clear he does not care about laws or other "obstacles" to his desires. He openly committed securities fraud, then violated the slap-on-the-wrist penalty the SEC applied. Then announced openly on national television that he did not "respect" the SEC. Musk forcibly opened the Tesla factory in California despite laws and ordinances to the contrary. Musk has ordered roads closed that he has no authority to close. Musk misappropriated government funds from the state of New York by promising to build a "Solar Tile" factory in Buffalo. There is still no factory, and the "Solar Tiles" he demonstrated to a web audience were completely fake and never came close to being a real product. They existed solely to justify Musks' illegal self-dealing in forcing Tesla to purchase the failing solar power business of his brother and in which he was a significant minority stakeholder, with some of that money coming in the forms of bonds from SpaceX. If the FAA ever issues a ruling that contradicts Musks' desires, will he obey the law or his whim? Elon Musk should not be allowed to operate without the close supervision of either NASA or the US federal government. Granting him cart blanche to essentially exercise eminent domain on an entire town (he has publicly announced his plans to rename the town) will only further embolden him to commit more violations. It is barely a step away from essentially granting him quasi-sovereignty over part of Texas. It's insane to even consider. Elon Musk should either be forced to sell SpaceX to a more responsible owner (Gwenneth Shotwell would be a great choice. I'm sure she could line up the financing), or be prevented from having any influence over its operations. Mr. Musk is already under investigation by the NHSTB over the "Autopilot" system on Tesla's and their tendency to ram stationary objects (including first responders) at highway speed and the name's tendency to encourage drivers to take their hands off the car's controls, despite Tesla's "Autopilot" merely being a Level 2 ADAS system. Musk himself removed his hands from the steering wheel of a Tesla under Autopilot while driving on a public road in an impromptu demonstration for 60 Minutes on CBS. Taking ones hands off the controls of a car moving a highway speeds is against the law in most sane jurisdictions as it is reckless driving. Mr. Musk has fired and retaliated against those who raise safety concerns at Tesla, and there is no reason to believe he does not do the same at SpaceX. He quite famously flew out to Starlink HQ and mass-fired 100 random people because Starlink was behind schedule. Mr. Musk baselessly defamed Vernon Unsworth, who assisted in rescuing a group of Thai children trapped in an underwater cave after Mr. Unsworth dared to suggest that Mr. Musk's dinner-napkin proposal of a "kid sized submarine" was less than genius. Mr. Musk was of such low temperament that he bluntly stated that Mr. Unsworth raped children and had moved to Thailand to do so and had married a 12 year old child. His middle-aged Thai wife was surprised to hear about both of these allegations. They were both false. Mr. Musk had no basis to believe them to be true. He tweeted them anyway. After receiving blowback, deleted them, then privately insisted to a journalist that Mr. Unsworth was, in fact, a child rapist and repeated the lie, which he then knew for a fact to be untrue, that Unsworth had married a minor in Thailand. Mr. Musk is a dangerous sociopath with neither empathy nor remorse. In the late 80's and even into its retirement in 2005, the Air Force constantly pushed the Titan IV launch team as hard as possible. The result was a stream of failed Titan IV launches, including the last one ever from the East Coast. Mr. Musk is already insisting on unrealistic turnaround times on Falcon 9 boosters. His promises that "Starship" or "Falcon Heavy" are safe for launch anywhere, let alone outside an area contain the damage if something went wrong. Astra's launch failure at Kodiak Island showed how unpredictable rocket failures can be (especially when multi-engined). The failure over Los Angeles highlights the danger to populations and property. The explosion of the NK-33 on an Antares rocket

showed the damage that a rocket falling back onto its launchpad can have. And Starship and Falcon Heavy will have more stored energy than a Saturn V. Even a trivial failure would be a catastrophe from a property damage standpoint alone. If existing space launch facilities do not exist for Starship, then SpaceX can work with the Air Force or Space Force and the FAA to find a location (Merritt Island) to suit their needs without needlessly endangering human life and property.

From: [REDACTED]
Sent: Thursday, October 7, 2021 7:37 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Strongly in favor of the proposal - need to streamline the process and remove red tape. Delays should not apply to this type of programming. Make sure all is safe and well, but do some quickly. Thanks for allowing public comments.

From: OLGR <[REDACTED]>
Sent: Thursday, October 7, 2021 12:47 PM
To: SpaceXBocaChica
Subject: grant SpaceX permission to launch

I am in favor of granting SpaceX licenses to build, launch and recover rockets at the Boca Chica site. The value of low cost space flight and homo sapiens becoming a multi planet species far outweighs the burden places on a couple of square miles of coastal wetland.

From: Peter COXON <[REDACTED]>
Sent: Thursday, October 7, 2021 4:47 AM
To: SpaceXBocaChica
Subject: Mailing List

Hello,

I am writing to request to be added to the mailing list for the space x super heavy project

Breach of confidentiality. The entire content of this email message is confidential and very sensitive; this also applies to any files attached to it. This email is only intended for an individual or entity to whom they are addressed. If you have received this email and it was not for you, please make sure you immediately notify the sender by reply email and afterwards delete this email from your system. Disclosing, copying, distributing, or taking any action in reliance to the email content is strictly prohibited. Consider yourself notified. Employer's liability. Views and opinions presented in the content of this email are solely those of the email author. They do not necessarily represent those of the organization. Our employees are explicitly required not to infringe or authorize any infringement of copyright or any other legal right by email communication, as well not to make defamatory statements. Our academies policy is clear, and you can access it from our website at "wellandparkacademy.co.uk". It states that any such communication is contrary to our policy and outside the scope of the organizational role of the individual concerned. Considering all this, please be informed that the "Welland Park Academy" will not accept any liability in respect to such communication. If there is any damage or other liability arising, the employee is the one who will be personally liable. Incoming and outgoing email messages are monitored routinely for compliance with "Welland Park Academy" policy on the use of electronic communications. The contents of emails may have to be disclosed to a request under the Data Protection Act 2018. Unintentional transmission of computer viruses. Emails can contain computer viruses that may infect your computer. The recipient of this email should scan this email and all of its attachments with the necessary security software. Emails can be intercepted, lost, destroyed, corrupted, contain viruses, arrive late or not arrive at all, they can also arrive incomplete. Considering all this, email correspondence cannot be guaranteed to be secured or error free. This is why "Welland Park Academy" and the sender does not accept liability for any errors or omissions in the contents of this message, which arise as a result of the email transmission. Entering into contracts prevention. Please be informed that no employee or agent is authorized to conclude any legally binding agreement on behalf of "Welland Park Academy" with the 3rd party via email. This can be only done if the employee or agent in question has explicit authority to do so within the academies policies or procedures. Environmental. Please do not print this email unless it is absolutely necessary. Every time you do not print an email, you are helping the environment.

From: Matt Rekoske <[REDACTED]>
Sent: Thursday, October 7, 2021 4:07 PM
To: SpaceXBocaChica
Subject: PEA concerns

Hello,

I'm writing in regards to SpaceX's draft PEA for the Starship/Super Heavy Program. I have serious concerns about the apparent lack of disclosure in the PEA, specifically the lack of disclosure regarding potential construction of a natural gas pipeline to supply the proposed power plant, as well as potential drilling of natural gas wells in the surrounding area.

I believe the public deserves full and accurate disclosure of these important issues in order to properly evaluate the environmental impact of the proposed project.

Best,
Matt Rekoske

From: Adam Chance <[REDACTED]>
Sent: Thursday, October 7, 2021 5:03 PM
To: SpaceXBocaChica
Subject: Public comment on SpaceX @ Boca Chica

To Whom It May Concern,

My name is Adam Chance and I am a homeowner and local resident of Port Isabel, TX located approximately 7 miles from the launch site across the bay.

As a marine and field biologist I have been following the developments at Starbase (Boca Chica) on a regular basis and fully support the efforts of SpaceX. They have already demonstrated their stewardship of the Boca Chica area and putting safeguards in place for continued protection of our coast and wetlands.

I ask that the FAA grant SpaceX the requested and required permits for continued development and commercial activities at Starbase, TX.

Kind Regards,
Adam Chance
Port Isabel, TX

From: Tony Reisinger <[REDACTED]>
Sent: Thursday, October 7, 2021 3:12 PM
To: SpaceXBocaChica
Subject: Public Hearing Attendance Request

I am requesting to attend the public hearings on the draft environmental review for the proposed SpaceX Starship/Super Heavy program at Boca Chica October 18th and 20th, 2021.

Thanks,

Tony Reisinger
[REDACTED]

From: Geoffrey Parker <[REDACTED]>
Sent: Thursday, October 7, 2021 2:51 PM
To: SpaceXBocaChica
Subject: Save the Earth. Move Industry Off-World.

Ms. Stacey Zee,

I write today in support of the Draft Programmatic Environmental Assessment regarding the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas.

The Draft PEA is a well-researched and well-reasoned assessment of the potential negative environmental and cultural/historical impacts of the proposed Starship/Super Heavy launch program at Boca Chica, allowing for the limits imposed by the present regulatory structure (such as its lack of a threshold for CO2 emissions). I am therefore strongly in favor of its retention in substantially its present form.

It is unfortunate, however, that the Draft PEA does not consider the many benefits--economic, cultural, and ecological--likely to flow from the Starship/Super Heavy launch program. That is no fault of the FAA, of course, given the aforementioned limits, but it means that the Draft PEA standing alone gives the false impression that the program will result in minor, acceptable, but net-negative effects on the environment and cultural resources.

In reality, there are only two options for preserving Earth's environment in the very long-term: Either we dramatically reduce our usage of both energy and natural resources, resulting in a stagnant or even declining standard of living--something that is both infeasible with respect to the United States standing alone and even less feasible with respect to the planet as a whole--or else we begin to get our energy and resources from somewhere else.

On the scale of hundreds to thousands of years, it is almost inevitable that humanity will reach the point of acquiring most of its resources and energy from space (asteroid mining, solar power satellites, other technologies we haven't yet dreamed up), thereby decreasing and eventually eliminating the perceived need to extract resources and energy from Earth or to render significant amounts of Earth's surface less hospitable to wildlife as a result of even renewable energy installations.

Every year by which that eventual switch is pushed back will result in a **very** significant increase in the total amount of environmental damage that Earth will suffer as a result of our industrial civilization. And every year by which it is moved forward will result in a substantial reduction in the same. At the moment, SpaceX's Starship/Super Heavy launch program appears likely to do more to open space to exploitation over the next decade than the rest of the space launch industry put together, and a year's delay in the Starship/Super Heavy launch program is therefore likely to result in a commensurate delay in the eventual switch to obtaining most of our resources and energy from space.

If irresponsible regulatory overreach--as distinguished from, say, legitimate concerns that practically available and economically viable harm-reduction techniques are being ignored--results in a significant delay in humanity's progress into space, the judgment of history is unlikely to be kind. The FAA should therefore adopt the Draft PEA in substantially its present form.

Thank you,

Geoffrey C. Parker

From: Michael Cross <[REDACTED]>
Sent: Thursday, October 7, 2021 1:07 PM
To: SpaceXBocaChica
Subject: Space X Launch from Boca Chica

I would like to state my support for the Space X launch program in general provided that basic safety issues are addressed. Space X should have at least one person qualified and responsible for monitoring and reporting on environmental impacts from operations.

This operation was located in a remote area to avoid population centers, but necessarily is then in an area populated by other animals. Even the most remote desert has an environment with plants and animals which would be damaged by an accident.

I think that the benefit of these programs outweighs the local damage which will be caused by these operations.

Sincerely
Michael C Cross

From: Jupiter M <[REDACTED]>
Sent: Thursday, October 7, 2021 6:25 AM
To: SpaceXBocaChica
Subject: SpaceX BocaChica Environmental Letter
Attachments: SpaceX BocaChica Environmental Letter.pdf

Attn:

Ms. Stacey Zee

SpaceX PEA

[REDACTED]

SpaceX and Tesla are the good guys. Their general mission is to help advance the human species, while also helping to minimize humanity's negative impact and carbon footprint on the environment.

SpaceX is committed to being transparent, professional, responsible, ethical, and good stewards of the land. Allowing Boca Chica to continue hosting SpaceX and develop a small "Starbase" helps bring quality economic activity to the area while protecting the native ecosystems from regular development, oil exploration, commercialization, and unconcerned privatization. With SpaceX, the vast majority of undeveloped land in Boca Chica will remain environmentally protected and appreciated, while any wildlife in the immediate area of disruption will naturally migrate elsewhere within the large refuge area, as does at NASA in Cape Canaveral FL. Launches and landings are loud, but are very short lived. Launch exhausts consist mostly of CO2 and water vapor so are non-polluting. Their worksite is clean, contained, and well documented. They have a solar farm to subsidize some of their energy needs, and will be producing many of the needed gases and water on site.

As your agency receives and reviews letters and emails from the public, please be skeptical of the negative messaging urging you to restrict operations and permitting at Boca Chica. Other voices not belonging to legit environmental agencies like Texas Parks & Wildlife (TPWD) are most likely obstructionists, lobbyists, hired, invested, influenced, or members of the industries that are in direct competition with SpaceX, Tesla, or Tesla Energy. These other industries are the ones with the huge environmental impact, wasteful inefficiencies, and unethical business practices. The petroleum and energy sectors produce most of the greenhouse gases and polluted water, while the other automakers purposely make overly complicated vehicles that break down after a decade or two.

The future and well being of humanity, our grandchildren, and the global environment indirectly relies on the success and rapid advancement of the companies that Elon Musk has started. We've all seen the environmental documentaries and heard the dire predictions from the climate scientists. Please help your agency make the right decision; allow SpaceX to continue growing their fully reusable space program so to significantly lower the cost of getting valuable payloads to space. Let's all do our part to help the good guys.

Thank you.

10/5/21

Attn:

Ms. Stacey Zee

SpaceX PEA



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Thank you.

From: Philip Thrasher <[REDACTED]>
Sent: Thursday, October 7, 2021 7:49 AM
To: SpaceXBocaChica
Subject: Starship Public Review

To whom it may concern,

I would like to throw my name in the hat for allowing SpaceX to push forward with their current plans. The plans they have are important enough to humanity that we must allow them to continue.

Sincerely,
Philip Thrasher

From: Bill Gillispie <[REDACTED]>
Sent: Thursday, October 7, 2021 5:10 PM
To: SpaceXBocaChica
Subject: statement on FAA review of SpaceX Starship Activities at Boca Chica, Texas

To whom it may concern;

I am writing this to express my support for SpaceX's application for clearance to continue to test and fly their Starship program out of Boca Chica, Texas. As an American citizen concerned about the future of our nation and planet I appreciate your time and the opportunity to share my opinions. I will try to be brief.

Let me start by saying that I understand and sympathize with the concerns of environmentalists and others in the area regarding this new and very large program. That being said, the extraordinary magnitude of what SpaceX is attempting to do- and its importance- deserves extraordinary accommodation. I'll start with the basics; in a very short period of time, SpaceX has developed what is now our nation's only currently functional avenue to manned orbital flight- this alone should give some indication of the important position SpaceX occupies both regarding national security and the future success of NASA. SpaceX has been able to achieve what many in the aerospace sphere might have considered impossible a decade or two ago, by taking a less risk averse, iterative design approach to rocket building and testing. Obviously, access to space in the 21st century is vital to our national interest, both for economic and other reasons. The heavy lift and rapid reusability of Starship will put the US well ahead of any other international competitors for the foreseeable future; but this is contingent upon SpaceX being allowed to do what SpaceX does best, namely design and test in their iterative, rapid fashion.

As you are no doubt aware, NASA has also awarded a development contract for human landing to SpaceX for its Artemis program aiming at a return to the moon in coming years; this is specific to the Starship program and requires SpaceX to be able to develop and rapidly iterate/test prototypes. All of this is contingent upon SpaceX being able to continue to operate out of Boca Chica. In short, SpaceX being able to operate in this manner is essential to our national security, national pride and the inspiration of younger generations.

Lastly, I feel it is impossible to communicate the true importance of these endeavours without venturing a bit into the territory of philosophy, a bit. If it sounds silly, so be it- this pertains, I feel, to some fundamental truths about humanity and our nature. If the question here is environmentalism, I would ask, what is environmentalism truly about protecting? The beauty of landscapes and non-living terrain, certainly, at times, but mostly it is about protecting the biosphere; living things- life. And what does life do? What has life always done? Life is not static. Life did not stay in the oceans, or on the ground- it took to the land, the air... and if it is to survive, long term, it will need to leave this world as well.

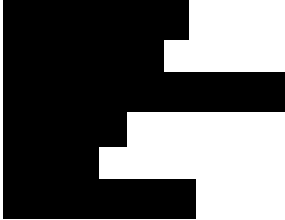
Billions of years ago this planet was a desolate, likely hellish rock. There's no scientific evidence that any Deity turned the skies blue with oxygen and made the continents into lush gardens; it was life, that did that. And if life has any built-in imperative at all, it is to reproduce, survive, and, yes, spread- to turn that which is lifeless, alive. As far as we know so far, the Earth is the only place in our neighborhood with life (and the knowledge gained by exploring space- and searching for exobiology- will likely benefit us in myriad unforeseen ways, just as the Apollo program generated the microcomputer industry, but that is another entire topic) .. in short, the project of making humanity a multiplanetary species; of bringing life out into the solar system- it is, to my mind, possibly one of the most consequential activities not just in human history, but in the history of life on our planet. It should not just be permitted, it should be encouraged with all the tools at our disposal. If we are to survive, long-term, it must be.

In conclusion, I urge you to allow SpaceX to operate this vital program as they see fit. Please don't hamper them with red tape. Any permits and waivers they need to proceed on this project, should be granted. I thank you for your time.

-Bill Gillispie
Portland, OR

From: Petr Josifek <[REDACTED]>
Sent: Friday, October 8, 2021 12:42 AM
To: SpaceXBocaChica
Subject: Comment from Scotland

From:



To:
Ms. Stacey Zee
SpaceX PEA
c/o ICF
9300 Lee Highway
Fairfax
VA 22031
United States

8th October 2021

Subject: Enviromental comment on SpaceX - Boca Chica

Dear Sir/Madam,

First of all I would like to write that I am not sure if I can legally comment on this as I am not american citizen and I am not even native in English as I was born in Czechoslovakia.

Looking on SpaceX and what they have done in BocaChica I must admit that I am a fan of all of this. This created more jobs in Brownsville and had mainly positive impact on area, but I am here to focus on global view.

I understand that all this has negative impact on environment, but I do not think that it will be something that will be COP26 what we are having here in Glasgow next month focusing on. As it was Elon Musk who pushed EV cars into reality, so I do not see him with all those solar farms he did build as environmental problem.

My vision for future is that all heavy industry will be located in the space and Earth will be clean oasis where people will be enjoying their lives and families in peace.

Well, we are not in that stage yet. United States and China are fighting for world domination and Latin America and Africa is in deep mess due covid, etc.

Not sure what I would recommend to you at this point:

1. You can make it harder for SpaceX to expand into space and this can push SpaceX more forward Russia and China. As I can imagine peaceful cooperation on international level between United States, Russia and China in the space in future

under SpaceX. ... Here I can imagine close cooperation with Russia as is Russia who does still share ISS with West. And if West has Russia in space program then China will be forced to cooperate in the space too.

2: Or you can give SpaceX the green light and leave them to do what they do best in United States. Creating more jobs in United States and with help of Europe, Australia, Japan, etc. dominate free world.

PS: Please note that I am against Earth to Earth transportation via Starship, but any restriction in SpaceX development into deep space (Moon, Mars) can have negative impact on humanity.

I will finish here as I passed my idea.

Best regards

Petr Josifek

From: rose ebner <[REDACTED]>
Sent: Friday, October 8, 2021 6:01 AM
To: SpaceXBocaChica
Subject: Comments on SpaceX

[REDACTED]
Ms. Stacey Zee
SpaceX PEA c/o
ICF
9300 Lee Highway
Fairfax, Va 22031

Comments on SpaceX:

As informed viewers, We have been watching the well documented progress of SpaceX at Boca Chica for the past few years.

Their progress has been remarkable and a source of pride for me as an American. We are seeing the development of rockets that will go to Mars. It will be the part of our history that is remembered long after the pitiful politics or petty financial interests of our era is forgotten.

SpaceX is an American asset which should be assisted and encouraged. Their success is not guaranteed and is opposed by many special interests. They are a symbol of a prosperous America.

Areas of value to SpaceX that may be of environmental interest under your review might be assigned to SpaceX expanded industrial use. These disputed areas might be traded for other areas more suited to environmental protection, that is, not adjacent to a rocket development facility of national value. Land trades are common.

SpaceX is an important and uplifting part of America.
Launching of Americans into space in an American SpaceX, not Russian, rocket was important.
Clearly, Inspiration 4 advanced our national prestige.
Please don't impede their progress.
Please find ways to help them and us out.

Respectfully submitted October 6, 2021,

Rose and John Ebner
[REDACTED]

From: [REDACTED]
Sent: Friday, October 8, 2021 9:58 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

let the starship go for orbital testing. at some point the dream must be realized, not just for you or myself but for the young people who will have the job of trying to fix the mess we created. give them a plan "B", go space x.

From: [REDACTED]
Sent: Friday, October 8, 2021 1:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

launch starship, we need starship

From: [REDACTED]
Sent: Friday, October 8, 2021 4:47 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

RE: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site. It is admirable that people and governmental agencies are interested in protecting the local people, beaches, and endangered species in the area of Boca Chica, Texas. However, delaying progress in Elon Musk's goal of making humanity a multi-planetary species may result in humanity itself becoming an endangered species. All it takes is one sufficiently sized asteroid heading our way. Please keep this in mind when deciding on if and when to issue permits. Thank you for considering my comments. Greg P.

From: Callen Hajda <[REDACTED]>
Sent: Friday, October 8, 2021 11:43 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica PEA Comment

Howdy,

After reading through the Draft Programmatic Environmental Assessment, it is clear to me that the environmental impact of SpaceX's activities in Boca Chica will be minimal, especially considering that the majority of SpaceX's hardware development that was likely to cause damage has passed. I understand that some critics of SpaceX's plans are concerned about the wildlife in the Las Palomas Wildlife Management Area nearby but this ignores the almost 60 years of precedent of coexistence of a launch complex and National Wildlife Refuge provided to us by another famous launch complex, the Kennedy Space Center. In addition to this, it should be clear to everyone that SpaceX's activities in the long term will provide much more environmental good than harm as Starship is a vehicle that could move heavy industry off the earth. In addition, the opportunities provided to the people of the Rio Grande Valley, a historically underserved area, are once in a lifetime and the government should not impede this community from receiving those benefits. Lastly, with NASA and the Department of Defense interested and involved in this program, it has become a matter of national security.

I request the FAA immediately allow SpaceX to proceed with their activities as planned without roadblocks and restrictions.

Thank you,
Callen

From: Zach Burke <[REDACTED]>
Sent: Friday, October 8, 2021 7:22 AM
To: SpaceXBocaChica
Subject: SpaceX

Let SpaceX launch in Boca Chica you [REDACTED]

Thanks for hearing me out
A Texas citizen

From: David Brumley <[REDACTED]>
Sent: Monday, October 11, 2021 2:17 AM
To: SpaceXBocaChica
Subject: Comment on Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Dear Ms Zee,

The SpaceX Starship/Super Heavy Launch Vehicle Program is of vital importance to mankind, the United States, Texas, and the Boca Chica region. It is critical that all federal agencies help to expedite this important program, including the Programmatic Environmental Assessment.

Sincerely,

David Brumley
Seattle, Washington

From: Adelusi Oluwafemi <[REDACTED]>
Sent: Monday, October 11, 2021 11:33 AM
To: SpaceXBocaChica
Subject: Draft Environmental Review of SpaceX Starship/Super Heavy Program.

I believe in spaceX's mission with the startship program especially considering how successful the test in the very recent past has been.

Though it might sound a little scary about something that size falling through the atmosphere , I've watched videos of the tests on YouTube, they deserve the chance to more test and from higher altitudes, and I say this knowing that it can be carried out safely with only minor evacuations of the village.

If spaceX is the spark we need to reignite people's interest in space exploration then it has my full support.

From: Patrick Richard <[REDACTED]>
Sent: Sunday, October 10, 2021 10:25 PM
To: SpaceXBocaChica
Subject: Draft PEA for SpaceX/Boca Chica, TX

To whom it may concern:

I want to register a comment STRONGLY IN FAVOR of the mission of SpaceX Starship development in Cameron County, TX.

While I do agree that it is important to protect coastal wetlands and wildlife preserves whenever practical, in this case I believe the mission of SpaceX may be essential to a far more critical purpose - the future of human civilization. It also will certainly lead to immeasurable benefits for the U.S. space industry, as well as for the Rio Grande Valley and the State of Texas.

I know that the entire organizational mission of SpaceX is to preserve life, not to harm it. Perhaps a compromise could be suggested, in which mitigation might be arranged to compensate for any potential environmental losses as a result of the Boca Chica development. In any case, as it has often been said: the needs of the many outweigh the needs of the few. If SpaceX succeeds in establishing a human colony on Mars, it may someday be seen as one of the most important steps in human history. That is truly a mission worthy of our support.

Thank you for your attention.

Patrick Richard
San Benito, TX (Cameron County)

From: [REDACTED]
Sent: Monday, October 11, 2021 6:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am requesting the FAA quickly approve the environmental review for Boca Chica, to minimize delays for the Starship test program. I am one of many Starship fans waiting on the first orbital attempt. Charles A. Clark
[REDACTED]

From: [REDACTED]
Sent: Monday, October 11, 2021 5:31 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I appreciate the careful effort of the FAA and PEA in ensuring the environment stability of the Star Base location. While I see the importance of the environmental studies I believe in this case multiple rocket launches will not pose a threat that nature cannot compensate for. I believe the future benefits of space exploration by far out weigh any temporary disturbance for local people and animals. The future of the human race starts with exploration. Please don't hinder our only chance to survive as a species.

From: Erik Edeen <[REDACTED]>
Sent: Monday, October 11, 2021 8:29 AM
To: SpaceXBocaChica
Subject: Fwd: Environmental assessment

Sent from my iPhone

Begin forwarded message:

From: Erik Edeen <[REDACTED]>
Date: October 11, 2021 at 9:23:26 AM MDT
To: [REDACTED]
Subject: Environmental assessment

Birds fly usually in groups horizontally, at altitudes of less than 10,000' or 3,000 meters. Rockets take off slowly, orbit vehicle's take off vertically, all SpaceX rockets take off vertically and are not going. Horizontally till well above 3,000 meters very little impact to birds. Watching the construction at SpaceX Boca Chica Texas. Numerous birds have been flying around both the construction site and stage 0 the launch tower site. The birds seem well at home at both sites. I see very little environmental impact to the environment. More impact from humans using the public beach without any sanitation facilities. This public beach should be closed until public sanitation facilities are provided. Sincerely,
Erik W Edeen
[REDACTED]
Former Vail and Eagle County Colorado
Environmental Health officer.

Sent from my iPhone

From: Linda Gunter <[REDACTED]>
Sent: Monday, October 11, 2021 8:17 AM
To: SpaceXBocaChica
Subject: Public comment

Dear FAA:

I think we should let Elon Musk and SpaceX launch as many rockets as possible so he can fulfill his goals of colonizing Mars in his lifetime. He has done so much for the space industry, technology and humanity in general. Inspiration 4 was awesome! Go Elon! Go SpaceX!

Thanks

Linda Gunter

From: David Potter <[REDACTED]>
Sent: Monday, October 11, 2021 8:33 AM
To: SpaceXBocaChica
Subject: SpaceX PEA public comment

FAA PEA reviewers,

Short answer: I'm intensely PRO SpaceX at Boca Chica. I greatly appreciate all the work the FAA does in relation to fight and space. I do however think the current overreaching regulations and workflow structure can not keep pace with the ever-expanding space industry. The goal to manufacture, launch and test at Boca Chica in order to get to the Moon, Mars and become multi-planetary is a cause greater than a few square miles of habitat. This plot and surrounding area is optimum for the task at hand. So if turning a few square miles into a multi-planetary production site at the expense of the habitat, then so be it, this is a sacrifice that we need to make in order to push humanity forward. Truthfully, if this level of scrutiny was placed on NASA and the Kennedy Space Center at their start up we would have never planted the flag on the moon.

Thank you,
David Joseph Potter

From: Simone Cortesi <[REDACTED]>
Sent: Monday, October 11, 2021 8:40 AM
To: SpaceXBocaChica
Subject: support for SpaceX space program in Boca Chica

Ms. Stacey M. Zee,

Thank you for the given opportunity to submit comments related to the SpaceX operations in Boca Chica, TX.

It is important that SpaceX is allowed to continue with the current plans of launching a new, powerful, space program with an important base in Boca Chica, this will benefit the local communities and Texas in general.

Thanks,
-Simone Cortesi

[book time with me](#)

From: Steven Werner <[REDACTED]>
Sent: Sunday, October 10, 2021 12:33 PM
To: SpaceXBocaChica
Subject: Approve SpaceX to launch as needed

positive words for sentiment analysis include me being excited grateful hopeful happy for SpaceX to be able to launch from Boca Chica as many times as needed to accomplish their amazing goal of elevating humanity beyond earth to become a space faring civilization and a multi planet species.

Please approve SpaceX's ability to launch from Boca Chica. I live in Texas and it would help tourism and the Texas economy to have a fully capable star base in Texas.

I plan to see starship launch it's first mission related starship in person, and I hope it is soon.

Thank you.

- Steven Werner
Computer Neuroscientist
Dallas Texas

From: Carmen Pohler ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Sunday, October 10, 2021 5:31 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Carmen Pohler
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Jennifer Jiang ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Sunday, October 10, 2021 1:25 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Jennifer Jiang
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Michael Costa <[REDACTED]>
Sent: Sunday, October 10, 2021 1:37 PM
To: SpaceXBocaChica
Subject: Comments on SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

To whom it may concern,

I am sending this email, listing my concerns with how the SpaceX facility in Boca Chica, Texas affects the surrounding environment, including the surrounding nature preserves and protected beaches. There are three concerns due to SpaceX operations in the area, chemical contamination, explosions and fires, and noise pollution.

The first concern is the chemical contamination. In the event of an accident or damage to the facility, the rocket fuel and other involved substances can leak and poison both the immediate area of the facility and the surrounding environment including the nearby wildlife preserve. This type of contamination can affect not just the animals and plant life in the preserve but the soil and water in the area causing long term damage to the area.

The second concern is explosions and fires. Due to the nature of rocket testing, explosions are common, both from take off and from accidents. These explosions can and have damaged the environment. One example of this is in July 2019, where due to launches on the property, a brush fire occurred at the Las Palomas Wildlife Refuge causing significant damage to the area. The debris caused from these explosions can also harm the five endangered and critically endangered turtles on the nearby protected beaches

The third concern is noise pollution. The sound and noise from SpaceX launches can cause harm to the Piping Plover and Northern Aplomado Falcon, specifically for them to abandon their nests.

Due to these three types of damage to the environment in the Boca Chica area, the FAA should re-evaluate SpaceX operations in the area.

Sincerely,

A concerned US citizen

From: [REDACTED]
Sent: Sunday, October 10, 2021 5:38 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello. My name is Clinton and I'm 14. I am aware of the possible risk that starship poses to the wildlife and the surrounding area. However I still think that we should push through with the testing and launching of starship. I also request that you allow spacex to do more than 5 launches a year. Currently, if spacex is only allowed 5 orbital launches per year, it will severely delay humanities expansion to the moon and mars. I truly hope someone sees this message and brings it to the FAA. Thank you.

From: [REDACTED]
Sent: Sunday, October 10, 2021 9:52 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Concerning the SpaceX Boca Chica Facility, I think that it should be allowed. Currently I live in Florida not that far from Cape Canaveral and when I was younger I did live there. I believe we need a 2nd Facility that will handle space flight operations and from what I've observed and read the SpaceX proposal seems like the most useful and Viable option. I hope that ou will approve this facility to operate and grow in the future. D. Eury

From: [REDACTED]
Sent: Sunday, October 10, 2021 3:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX should be allowed to test their new starship rocket from their Boca China testing location because of the grand potential that this spacecraft has and because we need to support this spacecraft as much as possible to ensure success. It will change our world for the better.

From: Jeff Franklin <[REDACTED]>
Sent: Sunday, October 10, 2021 1:42 PM
To: SpaceXBocaChica
Subject: Public Feedback

Please don't unnecessarily bog down the Starship project. It has the potential to motivate and drive this country like the Apollo program.

Sent from [Mail](#) for Windows

From: Mike Van Kauwenberg <[REDACTED]>
Sent: Sunday, October 10, 2021 9:54 AM
To: SpaceXBocaChica
Subject: Space X Boca Chica

To whom it may concern

Please don't let the environmentalist endanger the speedy discussion to allow Space X to launch while they may claim to care for the environment their life style is never change to improve the environment nor do they inconvenience themselves only others.

Thank you

Michael Van Kauwenberg

Sent from [Mail](#) for Windows

From: Daniel Corcoran <[REDACTED]>
Sent: Sunday, October 10, 2021 6:19 AM
To: SpaceXBocaChica
Subject: SpaceX comment request period

Ms. Stacey Zee, SpaceX PEA, c/o ICF, 9300 Lee Highway, Fairfax, VA 22031

I am writing in full support of SpaceX's plans to expand their facilities in the pursuit of helping humans reach Mars.

Thank you
Dan Corcoran
Huntington, NY

From: Jerry Black <[REDACTED]>
Sent: Sunday, October 10, 2021 6:54 PM
To: SpaceXBocaChica
Subject: SpaceX PEA

Dear Ms. Zee,

I urge approval of SpaceX's plans to conduct orbital launches of the Starship from the Boca Chica launch site. The Starship launches will follow an easterly trajectory that will avoid flying over land. The area near the launch site is sparsely populated. The launch site actually provides a useful human use for the area surrounding the launch site, thus keeping housing and businesses from covering the land the wildlife is using.

As typically happens during launch vehicle development, there may be some explosions near the launch site either from launch failures or failed landings of rocket stages. However, the number of failures will rapidly diminish over time and will pose no significant threat to human life or to wildlife.

The small threat to the environment pales in comparison to the gain accrued by development of the Starship. The Starship will provide super heavy launch capability at an affordable price. It will provide a means to send humans back to the Moon and on to Mars sooner and at lower cost than any other launch vehicle under development. Our national prestige will benefit by providing a leg up on the Chinese in the race to return to the Moon and land humans on Mars. Expansion into space is also critical for the long term human survival.

Sincerely,

Gerald Black

From: [REDACTED]
Sent: Saturday, October 2, 2021 1:03 AM
To: SpaceXBocaChica
Subject: Boca Chica

I fully and strongly support the efforts of SpaceX at Boca Chica, and encourage you to approve operations at the site as soon as possible.

Thank you,
Bob Sculley

From: Zach Myones ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Saturday, October 2, 2021 1:15 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Zach Myones
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: Saturday, October 2, 2021 12:12 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support the flight testing of the Super Heavy rocket and think the slight risk to the surrounding environment is far outweighed by the benefits this project provides. The Super Heavy project has brought our country a lot of optimism during these times as space exploration seems to have come back to life.

From: [REDACTED]
Sent: Saturday, October 2, 2021 12:57 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Boca Chica should be the gateway to space in the 21st century and beyond. Stupid environmental measures like menial beach regulations are getting in the way of massive technological innovation. I believe in SpaceX to make us a multiplanetary species. Go SpaceX Go America.

From: [REDACTED]
Sent: Saturday, October 2, 2021 3:28 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I am a resident of Galveston, Texas. I have a marine Biology Degree from A&M Galveston. I am in full support of SpaceX operations in Texas and specifically the production and launch complexes in Boca Chica. Space technology is paramount for the USA and Texas to remain global powerhouses in technological advancement. This development is fundamentally different from other industries that have already contributed massive amounts of environmental impact. Industries like housing/recreational development, chemical production/storage/transport, shipping/transportation of various goods are all focused on maintaining a status quo or offering "convenience" to our dangerously bored/depressed/anxious populous, while SpaceX is literally transforming the world of what we see as possible. Please allow them to give us hope and maybe in the meantime help control the companies that are crushing us every day by destroying our habitats and poisoning our air. All of these industries mentioned above have for years and years been harming public health and public land. The comparative damage/affect of Starbase is much, much smaller, and in my opinion, much more necessary for the greater future of Texans, Americans and humans as a whole. Many of the concerns about habitat and Wildlife are very practical to mitigate, and maybe a first good step to that would be holding oil and gas industry responsible for the MASSIVE amount of coastal erosion and habitat destruction, and water pollution/turbidation that the industry has caused directly over the past many years. On behalf of myself (Brett Micah Mayberry), like minded Texans, Americans, and Humans of Earth, I ask that you PLEASE allow SpaceX to continue its Humanity-changing development program at full steam in its small corner of Texas. Thank you.

From: [REDACTED]
Sent: Saturday, October 2, 2021 3:50 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support SpaceX in the operation of Starship launches at the BocaChica development site. Robert Jarrett

From: [REDACTED]
Sent: Saturday, October 2, 2021 4:11 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

For progress there must be Progress. I'm saying that in order for our technology to continue to improve we must allow SpaceX to continue while doing so in the most safe manner as possible, but not to the point of inhibiting or infringing on SpaceX's progress. Also foreign adversaries are progressing, in order for the USA to stay more advanced we must continue to improve and evolve. I say SPACEX is GO FOR LAUNCH.

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:13 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, SpaceX is a great company and the only real space pioneer of this era. They absolutely need the flexibility that they could have in Boca Chica. Please be considerate of the extreme potential that this company has to offer for humanity. Best regards, Diarto Aalders

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:23 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

What SpaceX is doing is for the advancement of mankind, not for profit! We the people and the government need to support them 110%. Think about the technology, the new jobs created, the excitement of space travel! It's amazing! All by a single company.

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:30 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please don't hinder progress in Starship development. The entire world is watching progress and willing them onwards.

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:31 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a citizen of the USA, I am incredibly proud to have our friend Elon setting up shop here in Texas to do his ground breaking work. I am in full support if this program and any minor impacts to the environment around Boca Chica will be negligible when compared to the importance of the work being done. Please do everything in your power to facilitate this program and remember that governments should limit their involvement to facilitate greater innovation.

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:37 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support SpaceX starship facility at BocaChica Texas.

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:40 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hi, This is Hicham Alaoui from Morocco. I'm a school teacher. I teach kinder and elementary school students in Jaoan. Last Mont, our theme was the solar system. We studied about different planets including earth and Mars. And when I told my students that there is a company from the United States building a rocket that will take people (eventually) to Mars they were blown away. When I showed the rocket they were even more impressed. They asked me so many questions about it including when is it going to fly again because they wanted to see the launch. I checked to find out that they are waiting for approval from the FAA to fly and that you are asking public opinion. I know I'm not an American citizen and that probably my opinion doesn't count as much. But, having a rocket that would take humanity to Mars is an inspiration to people from all around the world and to kids in particular. I hope you will allow Starship to fly soon. I'm asking you in the name of my students and in the name of non Americans. Cheers, Hicham Alaoui

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:42 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is doing very important work for all of humanity. Please don't not be on the wrong side of history. Do not tarnish the legacy of the FAA with an absurd amount of regulatory oversight. Let SpaceX test.

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:45 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe Starship is integral for our return to the moon, and later possibly to mars. This testing campaign is a very important start to that process, and the sooner it happens, the better. I believe SpaceX is working on this with safety and competence as they should. I think you should give the go-ahead for Starship to start launching out of Boca Chica so SpaceX can start its orbital test campaign, bring us back to the moon, and someday make life multiplanetary for all.

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:46 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hi I support the spaceX starship flights and believe they should go ahead. As a fully reusable rocket must be much more environmentally friendly than a one where the entire rocket or parts of it are left to burn up in the atmosphere, spreading poisonous fumes and rubbish over a very large volume. Thanks Kevin Curtis

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:51 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in full support of what SpaceX is trying to achieve. Give SpaceX more launches of their starship per year from boca chica, we should all be giving them as much support as they can get. What they have achieved with the falcon 9 rocket and the starship so far is amazing and inspiring to everyone around the world. Please let them launch more than 5 times a year and help them get to orbit faster.

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:52 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello there. I am writing to voice my support for the developments currently going underway at SpaceXs Starbase in Boca Chica TX. I am not a local of the area or even a US citizen (I am a UK Citizen). However I hope that the global impact of Starship and what is being done at Starbase will soon start to make itself visible, as it is my firm belief that Starship and by that nature the Private space sector as a whole will positively impact not just Brownsville TX, or even the Untied States, but the whole world. Many thanks for your time taken to read my message. Thomas Winters

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:06 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I totally support SpaceX in these exciting times. The benefit to the world is undeniable. Thank you

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:11 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The efforts of SpaceX at their Boca Chica Starbase site, to vastly improve our ability to explore space and begin to make our species multi planetary, is critical to the survival of the human race. Any effort to block their progress would be detrimental to our survival. Any impact SpaceX's operations at Starbase will have on the environment will pale in comparison to the importance their efforts will eventually have for our survival.

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:15 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern I was born in 1951. I grew up with the space race. SpaceX oh good Chica it's the most exciting thing to happen since Alan Shepard was blasted into space on the Redstone rocket. Everything was touch and go back then. We never know if the rocket was going to blow up or work. But we went anyway. SpaceX and Elon Musk know how to get things done. Sometimes their things blow up. But they always keep moving forward. Please don't get hung up on bureaucratic details and try to look at the big picture. We need to spread out into the solar system. We do not want to end up like the dinosaurs. I support SpaceX heart and soul. Thank you

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:22 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The USA and the world needs the technology being developed by SpaceX. The benefits it will bring far outweigh the impact on the small area around Boca Chica. It will also bring more tourism to South Padre Island and give countless high paying jobs to the local economy. Please grant SpaceX full launch rights at the site. If SpaceX isn't allowed to continue at full capacity at Boca Chica they will move the operation to another country and the FAA will have given the technology they have developed to that country putting the US behind again in this very important endeavor.

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:24 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am writing this comment in support of the SpaceX team and continued progress of the starship/super heavy booster testing. I am disheartened that bureaucratic red tape continues to slow what is by far the greatest advancement in space since the race to the moon kicked off by President John F Kennedy in 1962. SpaceX, and their rapid prototyping, have literally revolutionized both the frequency and economy of orbital launch vehicles. It has become painfully apparent that government oversight has been incapable of adapting to true innovation in the field of aviation and space exploration. The Boca Chica, and greater south Texas coast area, has long been the location of industrial changes and improvements that didn't require this kind of sluggish (even obstructionist) red tape. There are 3,359 miles of Texas coastal habitat, surely it is possible for SpaceX to operate in these few miles of that space for the betterment of humankind.

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:25 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow more access to launching and experimenting of starship and space x. This is a national priority and we will be in direct competition with China in space. The Chinese would not stand in the way of there own program and neither should we. SPACE X ALL THE WAY

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:31 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Having read the environmental review I fully support SpaceX operations at Boca Chica, their mission and innovation are critical to American innovation and will inspire generations of others to pursue STEM fields. I implore the FAA not to unnecessarily slow down the rapid pace of innovation at SpaceX and to embrace their paradigm shift of rapid prototyping for the space industry. Thank you FAA for all your support to this amazing program so far!

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:32 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I trust Space X to do what is right for the environment.

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:43 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am writing the FAA as an engineer and invested member of the aerospace community. I do not represent any organization or group. This email is a response to the FAA's call for public feedback on its environmental assessment of SpaceX's intended Starship and Superheavy launch operations, out of Boca Chica Texas. I'll preface my arguments by stating that I am an engineer for one of the United States' largest aerospace and defense contractors, and a passionate advocate for expanded capabilities in space. I am also aware of Starship being the sole contractor for the Human Landing System (HLS) of NASA's Artemis missions, and a negative conclusion to this environmental assessment will likely delay our country's flagship space program by several years. I have reviewed the FAA's draft PEA, and have found the majority of its findings sufficient. The particular section that prompted this email is regarding the impact of SpaceX's operations to the endangered or critically endangered wildlife in the area. Still, I find the FAA's review of noise, light, and other aspects to be accurate. I also agree with the final conclusion that there will be a negative impact to said wildlife, and support the deferral to the Fish and Wildlife Service for determining the severity of said impact. However, the area that I find the report insufficient regards potential failure modes of the Starship and Superheavy booster. The PEA performed its analysis with respect to two phases: construction and operation. To my knowledge it does not explore the impacts of failures on the surrounding wildlife. This appears a major oversight given the speculative damage caused by the explosion of a fully fueled Starship and/or Superheavy. To ignore such scenario exceeds naivety, and pushes well into irresponsibility. It also shows a profound ignorance towards the historical failure rates of rocket operations, and even the recent failure rates of SpaceX operations at Boca Chica. Therefore, I propose the FAA conduct a Risk Impact and Probability Matrix, and perhaps a low fidelity Failure Modes and Effects Analysis (FMEA) at the system level. This data SHOULD already exist internally at SpaceX, and they would be able to provide the FAA with said inputs. I would recommend a separate analysis be done by engineers at the FAA or even a 3rd party to avoid a potential conflict of interest. Said analysis should include different failure modes for all stages of launch operations relevant to the Boca Chica region (and offshore areas), including the potential explosion of a fully fueled and stacked Starship and Superheavy on the launchpad. The potential damage caused by such a failure could dramatically alter the conclusion of the USFWS, or even the FAA's original assessment on nearby populated areas. This recommendation gives the potential to work against my personal interest in spaceflight, but as space operations accelerate nationwide, I feel it is important to set the precedent that exploration of other worlds won't come at the cost of unnecessary damage to our current one. I also encourage the FAA members in charge of this assessment not to be pressured by concerns that are outside the scope of an environmental review, as they undoubtedly will be pushed by the public, the state of Texas, and even voices within the agency. Thank you for the opportunity to express my concerns, and for the continued work on this assignment. -Tom Czachur

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:47 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am a 58 year old engineer and always sad to have to face all those regulations through our career, through our lives and even through our personal projects. Let's talk about the relationship between process and progress... Take solar system for example, Tesla was able to convince the Federal gov. to streamline the permit process for residential installation. Since this standardized permit process, solar installation now benefit from many man hours (man years accumulated) of time that would have been diverted away from building solar projects that actually make a difference in Global warming. That is a better use of our time as a species. Now is the time for space exploration to ask ourselves how much of our time is wise to spend being careful or satisfying regulation to the sacrifice of evolution. A good question can be; - How much time should we spend, in percentage, communicating about our safety efforts away from the cost we could have spend this time making a difference. Please do not insult my intelligence suggesting there are ways to minimize the cost away from progress. Think of the impact of a delay... delays are very costly when the entire project waits for a permission. One way to look into this is to look how China does it. Yes, China... They have been progressing incredibly fast compared to us (the US) and it makes me a-shamed of our regulations. Put simply... if the government is slowing progress, then the following applies: - If you can't follow it, either staff up and make sure you don't slow me down... or get out of the [REDACTED] way and let me make a difference... Michel Turcotte

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:49 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please let SpaceX do what they need to do and support SpaceX in every way you can. The missions planned are way to important and bureaucracy will not help them to achive their amazing en beautiful goals. Thank you

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:52 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am a local resident. This launch platform is something I want to happen. It will bring jobs and awe. We must go back to the moon and walk on Mars. There are many beaches, and there are very few starships.

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:59 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Bringing down the cost of space flight has been and will be a major improvement for society. The technical investigation must be accomplished at some location. BocaChica is a good choice logistically, financially, and infrastructurally. Please allow SpaceX to proceed with the research, without undue impediments.

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:01 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is single handedly advancing America's, and the World's, capabilities in space. No company or agency is above the law or deserves special treatment, but I believe SpaceX's mission is important enough not to be strangled by the red tape of Washington and it's agencies. Let them build the future.

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:05 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Just approve it!

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:19 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I have read the SpaceX Starship PEA Summary prepared by the USG (FAA) and I'm confused because S.4.7 states that SpaceX is proposing only 5 orbital launches per year. While this might be fine for companies like ULA and agencies like NASA it does not reflect the daily launch cadence that SpaceX requires for to explore and colonize Mars or even for the Artemis Human Landing System (HLS). At a time when most of America is divided and settling for mediocrity SpaceX is one of the few American companies that provide inspiration and a source of pride for young American's. It would be tragic if US government bureaucracy was allowed to hobble the inspiring innovation and pace set by SpaceX. Please consider allowing SpaceX to have 1 or 2 launches per day from its Boca Chica facility.

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:22 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

It is amazing to watch what is going on in Boca Chica. I think the FAA should be thorough yet efficient. Historically, approval seems to take quite a long time. There needs to be an adjustment on how the FAA and SpaceX work together to minimize wasted time. The significance of what SpaceX is doing should add a sense of urgency and excitement not only to the FAA but the world.

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:24 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a rated Airline Transport Pilot, private citizen, and spaceflight enthusiast, I wholly support the mission of SpaceX in south Texas as they endeavor to vastly increase access to space for humanity. While I agree that careful consideration should be taken to ensure damage to local ecosystems is minimized, I urge this committee to proceed with this review as expeditiously as possible. Additionally, while the focus of this review is upon the spaceflight activities of Space Exploration Technologies Corp, I urge the Administrator to consider how the development of a rapidly and economically reusable spacecraft will change the way space is accessed, and the implications for the FAA's role in the regulation of such activities. I believe the processes for permitting and licensing must be optimized for this new reality or the FAA runs the risk of stifling the birth of a new economy. Thank you.

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:26 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To who ever it may concern Todays date is 10.02.2021. My family have been watching an going to boca chica to see space x launch an build a luanch site. In a small footprint. They are reaching to our younger kids that there are things that they can do with there life that are positive. We need this more then people know. We have had nothing from the u.s.a. in a long time an during that time we have not grown in a good direction. This has a greater impactact to our kids then we think. Keep up the great work space x. Thanks to the f.a.a. for letting space x launch an grow. Derric montoya. Albuquerque nm

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:28 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Since being diagnosed my son and I haven't had much in common. The recent progress that SpaceX has in Boca chica has lent a hand to a common ground between my son and I. Since the recent SpaceX launch of civilians to outer orbit my son has been willing to come around more. Please do not stop SpaceX from continuing their vision. I fear I might personally lose something very close and very dear to my heart.

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:30 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow for more launches from Boca Chica. Our space exploration needs depend on it. If you hold humanity back, the future will not see you. What we do today, echoes in eternity.

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:30 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe that SpaceX should be able to go ahead with testing. My reason being that for one cape Canaveral has wild life by the launch pads and two SpaceX is the future of humanity among the stars at the time being. Thanks for the consideration.

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:46 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow space x to continued progress without delay. I was so proud and awed with our trips to the moon fifty years ago. It's time to get back there unfettered by minor environmental impacts. Sincerely Steve A Selberg
[REDACTED]

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:53 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support Elon Musk and starship testing. Please be as generous as possible in allowing him to continue. Thank you Ryan Mcleod

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:54 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I recognize and appreciate the value of our FAA and the intent of the process in acquiring permits for SpaceX. The objectives of SpaceX are critical and a top priority for humanity. The USA is uniquely positioned to lead and enable and actively remove obstacles to forward progress. We must encourage and guide our evolution; valuing, saving and learning from our past but not to the point of sacrificing our future. Difficult balance, yes. The potential benefit of SpaceX objectives require that we lean-in, take risks, make sacrifices, manage our fears and face the future with optimism. Please find every way possible to support SpaceX.

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:58 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, Thank you for taking the time and effort to perform a fair and diligent analysis of the Boca Chica launch operations. Starship is a project that many Americans enthusiastically watch with the same pride, fascination, and anticipation that we watched the Saturn V be developed and the effects on the younger generation has also been similar. Because of the hope this project brings many young Americans have chosen to pursue higher education in STEM fields which benefits the entire country. Although the proximity to the wild life preserve is unfortunate the other concerns brought up are solvable. All the impacts on locals including those on the other side of the border will be positively impacted by the massive economic growth which is already happening. As for the other concerns involving safety. SpaceX has proven itself to be a competent and highly responsible company which can be seen in the above average safety margins of the Dragon 2 spacecraft. Thank you for considering our point of view. Citizen

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:58 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

When comparing the 3 main western companies currently sending people to LEO and above, SpaceX stand out as the only viable option for enabling further and greater exploration. Although the environmental impact of this development is of concern, the future of space exploration should trump the short-term impacts this development will create. SpaceX has seemingly done more to re-ignite the imagination of the bulk of the public following their progress than any other company and it would be a travesty to allow bureaucracy to stand in the way of progress. Providing SpaceX can demonstrate they are doing everything possible to mitigate any impact they make and keep their footprint as small as possible, the FAA should be doing everything in their power to ensure progress at the current rate is maintained. SpaceX in particular is doing more for mankind and its future than all the other companies combined. I've no doubt there are considerable financial rewards for this effort but SpaceX at least seem to be striving for goals beyond a fairground ride for the rich and famous. I would urge you to find a way to support this effort and break from the archaic processes most Government bodies find themselves trapped in. Regards Mike Knight

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:07 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I wholeheartedly support SpaceX and its missions to land mankind on the moon again and possibly land a human on another planet for the very first time. It is this type of exploration that America used to be known for and I am extremely happy to see SpaceX going for it. I ask that you please also offer your full support to SpaceX. As for any possible environmental hazards, the way I see it, it's no different from NASA launching objects into space and is nowhere near as bad as the U.S. government exploding several nuclear weapons on U.S. soil. Please support SpaceX!

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:10 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

From: Zachary Parker, Ga. Resident To: FAA The program known as "Starship" is an innovative project with the mission to travel to the moon and mars. In the previous months, I have done extensive research into this seemingly futuristic concept. Not surprisingly, the program promotes a tremendous infusion of American money into the the local economy of Boca Chica, Texas. Space X and Elon Musk should receive full permission to continue work on the Starship program. Notably, the environmental impacts are are clearly overshadowed by Space X's sister company Tesla. The advancements in reusable energies (both Tesla and Space X) proves the the American people that we have earned the right to travel to mars. Highest Regards, Zachary Parker

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:16 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

if we are worried about the environment well we can always make a new reserve but I believe that we are in a point of history were we decided our upcoming future.

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:21 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I have read the report and I certainly hope the FAA will approve the SpaceX plan so they can continue the amazing advances they plan in space travel. A company like this is rare and they need our support. Jeff Gabura

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:33 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow SpaceX to continue their very important mission and to develop their Starship/Superheavy vehicle.
In times like these, we need all the inspiration we can get.

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:37 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

i dont think there would be any environmental harm so testing and flight test should go forward as quickly as possible

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:37 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please approved SpaceX Noca Chica right away. We only gave about 280,000 years to exit this planet and it'll take a long time to transport 7 billion people. REALLY. Come on, please support their efforts. Thank you.
Sincerely, Wm Barry, Linden, Virginia

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:41 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX doing marvellous expedition by proving their launch capabilities and Astronomers transportation. Unlike others competitors sueing SpaceX for their success that they can't prove themselves. I'm here to support Support SpaceX not only as a human aslo a MULTIPLANETERY HUMANS.

From: [REDACTED]
Sent: Saturday, October 2, 2021 9:59 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would like to give my full support to SpaceX in regards to their next launch an even future ones.

From: [REDACTED]
Sent: Saturday, October 2, 2021 10:00 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whomever it may concern, I am a freshman in college studying mechanical engineering. I have been following space achievements for as long as I can remember and the past three years have been distinctively different. This has been primarily due to SpaceX's rapid innovation and testing with starship. I am a firm believer that commercial space flight is the future of space travel, the fastest way to the final frontier. I am writing to encourage you to set the standard for years to come on how much freedom commercial space companies have. Starship aims to be a carbon negative vessel, with the lowest cost to mass ratio of any space vehicle seen before by a factor of ten. In order to get there within reasonable time, however, it is imperative to allow SpaceX to rapidly test, innovate, and retest starship prototypes. The future is in your hands, I implore you to care for it. Sincerely, -Max Braun

From: [REDACTED]
Sent: Saturday, October 2, 2021 10:11 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I feel this step is incredibly important as this kind of pure creation of anything becomes momentous. And because this creation creates hope for humanity we naturally want to see it advance quickly. As we take a breath. I would offer that permaculture style considerations could be applied to the region. This would help to see the systems and species at play in the region as interconnected. Understanding how the region's movement and nodes of water, nutrients, winds and fauna(energies) impact the area, which will help to better understand what is taken by the construction of this spaceport and it's testing. Hopefully this interconnected understanding will help us preserve and encourage it's organic life to thrive in applicable distant surrounding areas that are more deserted. I want to see SpaceX launching prototypes as soon as possible. Let's do it right. I'd like to encourage spaceX to explore growing what they can for the staff to enjoy local food at the site as well. I'm an amateur in all these matters unfortunately but I trust the talents it relies on. Thanks for these historic milestones for humanity during my lifetime. Warmly, Matthew Morigeau

From: [REDACTED]
Sent: Saturday, October 2, 2021 10:13 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please expedite the approval of SpaceX launches from Boca Chica, Texas. SpaceX is producing the most advanced space launch system in history. When it is operational, America will have the ability to dominate the world launch market, and humanity will have taken a major step forward towards becoming a multi-planet species. SpaceX has daunting technical challenges to overcome. Don't make a bureaucratic boondoggle the worst one.

From: [REDACTED]
Sent: Saturday, October 2, 2021 10:22 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello I have been watching and following progress on the starship development. I believe SpaceX has taken steps to ensure the safety of the public by having a successful rocket that that could work of of. They have the proven track record to move this project forward and better our knowledge about space travel. This is inspiring to watch and be apart of. I approve SpaceX to build and launch their new rocket until it is not safe. Sincerely
Loren Bose

From: [REDACTED]
Sent: Saturday, October 2, 2021 10:30 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

We need to get moving and get out into space. Is it really even that much of a loss if we lose 50 square miles around that facility it won't be a problem. Let's just get going.

From: [REDACTED]
Sent: Saturday, October 2, 2021 10:37 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I hope the FAA sees that this is a great plan. And mr. musk should be able to launch or test his rockets without holdups from the US GOVERNMENT

From: [REDACTED]
Sent: Saturday, October 2, 2021 10:38 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am writing in support of Space X. Can't wait for the starship launch.

From: [REDACTED]
Sent: Saturday, October 2, 2021 10:48 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Elon musk and SpaceX cares about humanity. every thing he does is for the betterment of humanity. I'm certain if they needed to do something to preserve wild life or anything else they would find away to do it. SpaceX goal is to make life multi planetary. that is a goal worth striving for. SpaceX is the company that got the United States back to sending humans back to the space station. Not blue origin not Virgin Galactic. they have the technology and drive to make star ship work for a lot of things and do it safe as possible. if they need to do something to satisfy the faa ask them to do it. then they will find away to complete your request. then you need to get out of there way. and let them do there thing . STOP standing in there way!!!

From: [REDACTED]
Sent: Saturday, October 2, 2021 10:52 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support Space X's use of the Boca Chica, TX site for spacecraft launches. Their proposed uses and actions to mitigate potential issues seems reasonable at this point. Sincerely, John Dries Piperton, TN

From: [REDACTED]
Sent: Saturday, October 2, 2021 11:01 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support SpaceX operations at Boca Chica. Dr Alan Holck Yorktown VA

From: [REDACTED]
Sent: Saturday, October 2, 2021 11:03 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please don't let government get in the way of progress. The FAA and the government at large should ENABLE endeavors not restrict or limit them.

From: [REDACTED]
Sent: Saturday, October 2, 2021 11:04 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Keep government out of the way.

From: [REDACTED]
Sent: Saturday, October 2, 2021 11:05 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

FAA needs help not hinder progress.

From: [REDACTED]
Sent: Saturday, October 2, 2021 11:05 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think Starbase is going to be one of the most important places for humanity over the coming decades. Please support Starbase and help them run an environmentally sound space launch complex. I know of so many locals that love having Starbase in their backyard. We want Starbase!

From: [REDACTED]
Sent: Saturday, October 2, 2021 11:25 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I enthusiastically support SpaceX and it's Starship program. Please allow it to be launched ASAP. Thank you, Greg Mark.

From: [REDACTED]
Sent: Saturday, October 2, 2021 11:31 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

1) SpaceX is the most innovative and successful of all space companies both private and government-owned. It leads the way in reusability, reliability, cost efficiency, and rapid construction and prototype improvements of spacecraft. 2) As a result, SpaceX has become an extremely important private company of great national security interest to the United States government and its people. To summarize, ANY Environmental Assessment (FAA or others) must be conducted with the above mentioned information taken into account. This or other types of assessments must NOT stifle the continued success of SpaceX! Any static fires, sub-orbital or orbital launch tests, etc. SHOULD BE ALLOWED TO CONTINUE WITHOUT RESTRICTIONS while this review process is in progress! The extreme slowness of assessments of this and other types by government bureaucrats takes much too long! Thank you. Regards, Henry Steigerwaldt [REDACTED]

From: [REDACTED]
Sent: Saturday, October 2, 2021 11:50 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear Ms. Stacey Zee, The SpaceX Starship project in BocaChica it's crucial for us as human beans. Regards

From: [REDACTED]
Sent: Saturday, October 2, 2021 12:26 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in favor of allowing spacex to proceed with their starship program in Boca Chica TX. I think the enviornmental impact can be managed and SX should bear the cost of mitigating the risk to the environment and wildlife.

From: [REDACTED]
Sent: Saturday, October 2, 2021 12:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello. I am 33 years old and I have an 8 year old daughter. I am an american citizen living in NC. Please approve this Starship vehicle for orbital test flights. I am extremely excited about this vehicle and the possibilities it will bring. This space vehicle will be a massive step forward for humanity. Thank you for doing your part to ensure the safety of the environment for this project.

From: [REDACTED]
Sent: Saturday, October 2, 2021 12:41 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'm in favor of Space X moving forward with their desired launch schedule. Space X is & has been advancing aerospace development in a field that has been relatively stagnant for nearly half a century. When Space X succeeds, humanity succeeds as well!

From: [REDACTED]
Sent: Saturday, October 2, 2021 12:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Thank you for allowing the public to voice our opinion on Space X and the Super Heavy launches. As a current pilot my dreams of flight don't stop with a Boeing or a F16. Space X has given renewed hope in flight and space, we have a chance here to ignite the dreams of future inventors and engineers and lead the world into advancements in medical research and aerospace with allowing Space X to have more opportunities to advance their studies and capabilities with more launches per year. Space X has an impeccable safety record and given the FAA's need to be as safe as possible I think we could come to a better agreement with Space X. Thank you for your time

From: [REDACTED]
Sent: Saturday, October 2, 2021 1:09 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I absolutely love SpaceX and their Texas based Boca Chica project. I was born in 1982 and didn't fully get to realize and enjoy the moon missions. This is my and my children's opportunity to see both moon and Mars landings. SpaceX is doing incredible things privately and I'm angered that a company like Blue Origin would continue to block the progress of both SpaceX and NASA. They are attempting to suck off the government teet like Boeing and Northrop, yet are not even a has been. They are a nothing that has accomplished nothing. Furthermore, outside of the FAA doing the very specific job outlined by legislation, I urge you to step aside and let them succeed.

From: [REDACTED]
Sent: Saturday, October 2, 2021 1:12 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I strongly encourage the FAA to grant Space X immediate permission to continue testing. It's fine to explore environmental impacts and harm reduction IF there is any accountability involved: I.e. is there anyone proposing an alternative way to make human multi-planetary before getting hit by an asteroid? If not, then there is far more danger to our species from delay then there is from the impact of a few rockets being tested by Elon, who has demonstrated overwhelming concern for the environment in everything he does.

From: [REDACTED]
Sent: Saturday, October 2, 2021 1:31 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

America is again a beacon of pioneering and progress, thanks to the progress in Boca Chica - a name and a place that will live forever in human history! Florida took us to the moon, but Boca Chica will take us to the future of mankind! There will be a massive influx of jobs, people, money, tourists and opportunity, following the expanding space industry. Politicians need to act now by planning ahead and invest in schools, roads, airports and general infrastructure. The moment is now - if Texas is not the place to build progress, progress will move somewhere else! Jobs, jobs jobs!!!

From: [REDACTED]
Sent: Saturday, October 2, 2021 2:12 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think the FAA should let space X do anything and everything it wants to do. The fate and longevity of the human race itself is at stake. As a fellow American, I really don't care about some stupid bis some stupid bird or plant that might somehow be affected.

From: [REDACTED]
Sent: Saturday, October 2, 2021 2:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I read section D thoroughly. It seems SpaceX is doing far more to protect endangered species than Blue Origin did when they built their new headquarters. I like turtle, but it would be far easier to move several thousand turtles, than several thousand tons into space.

From: [REDACTED]
Sent: Saturday, October 2, 2021 2:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support SpaceX and their work at boca chica. Please do not delay their progress.

From: [REDACTED]
Sent: Saturday, October 2, 2021 2:16 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Remember the Maxx. Remember what happens when you make planes hard to innovate, and then completely blow it by missing the aerodynamic intricacies of tippy planes made by adding new fat engines to old "proven"/(already regulated) air frames. Quit wasting our time, quit wasting the ocelots time and the sea turtles time, and the random endangered birds time. If you wait too long, and kill SpaceX you'll kill their hope of ever having a fully funded reserve, slightly outside of rocket range, forever. Remember the Maxx, and conserve the Ocelot, by getting off your asses. Approve the SpaceX plans and get the hell out of the way before you blow it for everyone.

From: [REDACTED]
Sent: Saturday, October 2, 2021 2:17 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

RE: IN SUPPORT OF SPACE X Folks, Please permit and support SpaceX efforts at Boca Chica / Starbase The work is ground breaking and inspirational for our kids and should be allowed to continue. Thanks for understanding and helping. Best Regards, - Hugh

From: [REDACTED]
Sent: Saturday, October 2, 2021 2:45 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Greetings: I respectfully submit my comments regarding SpaceX Superheavy Starship. The United States has, for whatever reason, delayed human space travel for approximately 50 years. In my opinion, many aspects of technological advances have been delayed for too long. By now, not only has human space travel been delayed, but even more critical advances regarding sustainable energy that would have helped us against climate change. Please, do not hold back any longer humanity's move towards multiplanetary presence by delaying the progress of this project. The sooner we continue these advances, the safer humanity will be. People like me are counting on you to let it move forward as quickly and safely as possible. Thank you very much for considering my comments. Sincerely, Expedy Miguel Hernandez De Jesus

From: [REDACTED]
Sent: Saturday, October 2, 2021 2:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I 100% support spacex and their goals with starship. Not only will it ensure humanity's survival when considering the inevitability of future mass extinction events, but it could also potential help reduce emissions emitted during long duration plane flights. Starship is the future.

From: [REDACTED]
Sent: Saturday, October 2, 2021 3:01 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I feel like spacex has a competent and hungry ceo (Elon Musk), whose goal to make civilization multi-planetary resonates with me greatly. I think the world should inspired by his actions. I hope the FAA can swiftly grant spacex clearance to continue work at their goal. This should not be a political problem. And other billionaires filing multiple law suits, mostly out of jealousy, needs to be put in check. Thanks, Josh

From: [REDACTED]
Sent: Saturday, October 2, 2021 3:45 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please let SpaceX run more flight for advancement of space technologies. 5 flights a year will severely hinder human space technology development and will discourage more private companies from developing newer technologies. Innovative companies and technologies should be encouraged, not limited and restricted. Imagine the technologies developed by these today may save lives of your and our grandchildren in the future. Please consider lifting restrictions off SpaceX.

From: [REDACTED]
Sent: Saturday, October 2, 2021 3:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The benefits to the human race far outweigh any possible concerns about launching at Boca Chica. I encourage everyone to fully support Starship and Super heavy.

From: [REDACTED]
Sent: Saturday, October 2, 2021 3:54 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I spent 20 years in USAF working on and visiting missile test/space launch ranges. In my experience, they were better natural environments than even national parks. Wildlife prospered on these ranges. The launch operations actually minimized human impact because they kept people away from habitats, so the more launches, the better.

From: [REDACTED]
Sent: Saturday, October 2, 2021 4:31 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

This is one of the most important space projects since the Apollo missions of the 1960s. America needs this to continue leading the world in space exploration and I fully support the operations of SpaceX. If there is anything else we need to do let us know. Timothy Cooke

From: [REDACTED]
Sent: Saturday, October 2, 2021 4:45 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA: KWAYAR. Know who you are regulating. I heard you were worried for sea turtles. Good call: <https://asiatimes.com/2021/02/musk-to-the-rescue-in-boca-chica-turtle-rescue/> Wake up, and please, think about the turtles! Let SpaceX be successful please, for the sake of all sea turtles everywhere. Look at this, hundreds live because of this entity whom you are freezing up. Time is valuable, respect time, respect the sea turtles, approve SpaceX to launch immediately, in good faith. Avoid Maxx mentality. Or be taken out of the loop entirely. KWAYAR

From: [REDACTED]
Sent: Saturday, October 2, 2021 4:53 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX should be able to launch Starship/Super Heavy before the end of the year, so please hurry up with the draft (obvious take your time), but SpaceX deserves to get at least one launch in by the end of the year

From: [REDACTED]
Sent: Saturday, October 2, 2021 5:20 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX with the orbital and interplanetary rocket Starship is the way for human to understand more. I might not live in Texas, but if I do, I will. Support them. Go SpaceX Go NASA

From: [REDACTED]
Sent: Saturday, October 2, 2021 5:26 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

FAA as a regulatory body should make decisive rules in time as not to disrupt space X progress.

From: [REDACTED]
Sent: Saturday, October 2, 2021 5:35 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully SUPPORT Space X testing and flight plans. Everyone needs to understand that there is virtually nothing mankind does that doesn't have some environmental and/or economical impact, whether a positive one or negative, and any endeavor of this magnitude for the potential benefit of mankind needs as much leeway as possible to achieve these goals. To the immediate community surrounding/near Space X that may have some who will oppose upcoming actions by Space X, you should have had the foresight from the start to know and accept what is happening. To oppose and act all surprised at Space X trying to do their job is next level ridiculousness.

From: [REDACTED]
Sent: Saturday, October 2, 2021 5:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please OK SpaceX's starbase ASAP, their work is important for humanity. I'm willing to vote based on this, I voted for Biden, but will NOT if there is any delay in getting Starbase launches approved. I would hate to see SpaceX form another foreign company and have another country get the launches, when the jobs and tech need to stay in the USA Eric Albers [REDACTED]

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:47 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Given SpaceX's commitment to safety ,humanity and environmental concerns up till now,I would be very pleased to hear that they have been given clearance to respectfully continue with their testing programs. Thanks Lance

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:52 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support SpaceX and their expansion in and around Boca Chica/Starbase. What they have accomplished already is beyond anything in history, and what they're on the cusp of is well beyond that. They're the only company in the US capable of pulling NASA forward, putting humans in space, on the moon, on Mars. Starship has the potential to begin solving so many issues, from interplanetary travel, interplanetary and orbital infrastructure, removal of orbital debris. The capabilities offered have the potential to broaden humanity to a degree that was unimaginable for decades, after the cancelation of the Apollo program and Shuttle program. SpaceX is singlehandedly pulling us out of the space dark ages, and it's clear that this renaissance will center around a small coastal town in Texas. Please stop getting in the way of SpaceX. The FAA needs to restructure immediately to accommodate these private companies looking to create and push the technology NASA can only dream of affording.

From: [REDACTED]
Sent: Saturday, October 2, 2021 6:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX is a developing company that needs room to grow. Keeping them confined to how they have been in the past couple of months has not let them do as many tests as they would need to rapidly test their Starship vehicle. I'm guessing that a human is reading this instead of a computer, so you will probably have seen stuff like this all day, but putting some thought into the comments that seem reasonably logical is a good idea. I'm only 15 years old but I still understand what is going on. The FAA has been more of a nuisance to SpaceX than anything else. I understand that you have to make sure that everything that happens is controlled and safe, but you also need to try your best to let SpaceX succeed or at least fail and learn from their failures. This is a big part of how they operate. SpaceX is a company that wants to rapidly test things. This means that they will test things until failure until they perfect it. They have already done this, with everything that they have made, they use the data that they have and try to put something together as best as they can, but sometimes without important data, they have to be willing to lose money to increase testing speed. and with this, the FAA has to be able to let them do this. This means not making them wait for your OK to launch or test something. This has already happened with Starship SN11, where the launch was delayed because the FAA reviewer was not able to get to Boca Chica in time. This led to SN11 being launched on a day where the fog was so bad that you could not see 10 feet in front of you. I'm not too sure if what else to say other than to think about letting SpaceX improve without you guys having to babysit them. You guys are pushing them back by a lot and instead of having such a tight leash around them, you give them some slack. If they start to tug on it too much, pull on it and let them know where their real limits are.

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:02 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would just like to throw my full support behind Space X and their future plans. They are a remarkable company forging ahead with research and development of a science/engineering area that has been neglected by most governments and poorly attempted by many other companies. I think Space X deserves to be supported so its rapid development paradigm can continue. many thanks Simon

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:32 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I Andrew Andreou, give my full support for SpaceX to continue with Starbase and StarShip development.

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hi, I feel a program like Starship needs to be supported. With its capabilities, a single launch of Starship can eliminate 10's of launches of other rockets. Also, it can help explore space like never before. Such a development needs to be encouraged. Thank you.

From: [REDACTED]
Sent: Saturday, October 2, 2021 7:59 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello my name is Kevin Nguyen, I truly believe that Space X is leading the world through innovation. If we are to stall there process of going to the moon and beyond it would only give China a chance to catch up. I truly believe what makes American great is ability to innovate, some legacy companies are falling behind on Space X but we can't slow down there process because it would benefit other nations like China/Russia. Please remember that Space X is a American company and these regulations need to change/ adapt with the new process. JF Kenny and NASA back then we're moving real fast to get us to the moon... and that was decades ago. When will we be the leading nation to go to Mars and beyond again? I love our country and I truly believe space X is really shining a good light on our country during this divided time in our nation. Weather your left or right, space unites us all as Americans. Please FAA do the right thing for this country and let Space X launch... make us proud! Thank you for your time, I know this was a long read but I'm very passionate about NASA and Space X.

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:08 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

GO for all testing and launch!

From: [REDACTED]
Sent: Saturday, October 2, 2021 8:51 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I urge you to fully and rapidly support approval of space X to continue its purposeful path to extraordinary spacecraft development. As a retired RCAF fighter pilot with 15,000 hours and a background in Accident Investigation, I respect your concerns but feel that government agencies that have a progressive approach will ensure a safer future for mankind if it permits innovation to thrive unimpeded by defensive actions. Respectfully
Major Dale R Erhart CD2 ret'd.

From: [REDACTED]
Sent: Friday, October 1, 2021 10:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The FAA is holding the entire nation back from space while Chinese are launch daily. Get out of the way. LET SPACEX LAUNCH. What is wrong with this agency. You have had years to prepare. 60 years ago we were on the moon. What happened to your plans. Just duplicate what you did to go to moon. Why did you figure it out then and cannot now. Get with it, like you don't know what is at stake. Seriously FAA has this so wrong. Maybe SpaceX should go to Mexico to launch US rockets and get to Mars. Is that what this agency is about destroying our biggest moment in history. Seriously this is dumbest thing in the US has done lately. GET OUT OF THE WAY OF US TAKING THE BIGGEST STEP OF MANKIND OF THIS CENTURY. HELLO. Anyone listening to reality at the FAA. So frustrating. If you are going to do something productive to save humanity and benefit US, let this be it. ARG! Please let SPACEX launch tomorrow or SOONER!

From: Cory Johnson <[REDACTED]>
Sent: Friday, October 8, 2021 8:20 PM
To: SpaceXBocaChica
Subject: Comment in Support of SpaceX Starship / Super Heavy Project

Hello,

I am writing to voice my support as a US citizen and resident of Austin, Texas in favor of SpaceX's Starship / Super Heavy project.

I believe voicing my personal support, and the FAA's approval and support of this project, are both important because continued scientific and engineering efforts towards a viable cost-effective heavy launch platform (and a viable path to a multiplanetary humanity) are absolutely essential not only for us as a species, but also for America's national security and its continued leadership in the global economy.

Just like renewable energy and rare earth minerals, space and our Solar System represent science and exploration, but also vast resources and opportunity for newfound power. It is imperative that we lead the way in developing and accessing these resources and this power to ensure it is used properly in defense of human rights and free democratic principles. If we do not do this, other nations of other philosophies will do so and our values and way of life may eventually be jeopardized as a result.

I understand that this project is not free of consequences. As a Texas resident I understand the value of Boca Chica, South Padre Island, and the surrounding beaches and ecosystems in the area. However, I believe that SpaceX is investing and will continue to invest significant effort in minimizing unnecessary impact, and I believe the trade-off remaining after they do so is well worth it.

I urge the FAA to approve and support this project and SpaceX's ancillary efforts around it to ensure our continued leadership and security on the world stage.

Thank you,
Nick Cory Johnson
[REDACTED]

From: [REDACTED]
Sent: Friday, October 8, 2021 5:58 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I encourage the FAA to not impede the Starship project at Boca Chica, Tx. I live in Corpus Christi, have visited the site several times and am a retired aerospace engineer having worked at both Lockheed and Boeing. Boca Chica is basically a salt flat with less wildlife than the US launch site in Florida. I have heard reports that all the launch activity in Florida has had little impact to the wildlife, so I expect the same for Boca Chica. Additionally humanity needs this step forward in our launch mechanism to facilitate the expected 30 trillion in space industry, not to mention the positive impact to earth as we shift our mining efforts from earth based to Asteroids. Finally I believe the "Old School" aerospace giants (Lockheed / Boeing etc) are flexing their political muscle against this technology which is already hurting their pocket books (and which they could have implemented in the 1980s if they so desired). Human migration from Mother Earth to the Solar System is a strong force similar to species evolution. Allowing MBAs to attempt to constrain that force for their own profit will no doubt have negative consequences.

From: [REDACTED]
Sent: Friday, October 8, 2021 2:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Humanity needs Space X to succeed; please give them full support to continue their incredible rate of innovation and safety improvements. Testing = Safety. Let them proceed unencumbered! Regards, Justin Mayfield

From: Pete Infante <[REDACTED]>
Sent: Friday, October 8, 2021 6:10 PM
To: SpaceXBocaChica
Subject: Pro

I'm pro for SpaceX to continue development of the Starship in Brownsville Texas Boca Chica beach area.

Pete Infante

From: Richard Matthews <[REDACTED]>
Sent: Friday, October 8, 2021 6:02 PM
To: SpaceXBocaChica
Subject: Public Comment - SpaceX Boca Chica

My family and I strongly support the expansion at the Boca Chica SpaceX Starbase. The Launches from this facility should be of the highest national priority. Big Thumbs up!

Richard Matthews
Provo, UT

From: Tracy Burke <[REDACTED]>
Sent: Friday, October 8, 2021 3:11 PM
To: SpaceXBocaChica
Subject: Space X

Hi,

We are all for Space X.. please make sure it happens.

Thank you,
The Burke Family

From: [REDACTED]
Sent: Saturday, October 2, 2021 11:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, I would like to submit that I am a proponent of and submit my support for Starbase.
Thank you for your time.

From: [REDACTED]
Sent: Sunday, October 3, 2021 12:39 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hi, I just wanted FAA to know that the launch of Starship is a very important step for humans to move beyond the low earth orbit and to other space bodies like moon and mars. Even if SpaceX has any environmental impacts which are major, they must be allowed to carry on because the future of human kind is dependent on them. We know that stopping SpaceX would hardly affect the rate of environmental impact on the long run. Besides Elon musk's other companies have helped stop pollution with solar energy and electric cars so, it should be an equal trade.

From: Brian Pollmann <[REDACTED]>
Sent: Sunday, October 3, 2021 3:32 PM
To: SpaceXBocaChica
Subject: Positive Feedback

Hello,

I strongly support the approval of the launch and base operation license for SpaceX in Boca Chica. The efforts of SpaceX have advanced rocketry and the ability for humans to explore beyond our planet more than any other agency since the Space Shuttle was retired. Their vision and ability to rapidly innovate is helping achieve the vision of lower cost to orbit and the possibility of making our species interplanetary.

Thank you,

-Brian

From: michael greene <[REDACTED]>
Sent: Sunday, October 3, 2021 10:26 AM
To: SpaceXBocaChica
Subject: SpaceX PEA

Hello,
I strongly support SpaceX's Starship program.

1) We need to start moving mining operations off the earth. Moving to the solar system to get the resources necessary for our civilization will become essential as the rest of the world reaches our level of development. Put simply, people don't want mines in their neighborhoods but mines can only be placed where the resources are.

2) The past century saw four major asteroid impacts - Tunguska 1908, NorthWest Russia 1947, Mediterranean Sea 2002, and Chelyabinsk 2013. Had the Mediterrean Sea impactor arrived a few minutes earlier, it would have appeared as an atomic explosion over India or Pakistan just as they were on the brink of a nuclear exchange. The bottom line is we need to be prepared for a larger impactor of the size that carved out Meteor Crater 50,000 years ago or the one that precipitated the Younger Dryas 14,000 years ago. Asteroids, like earthquakes, aren't a matter of if but of when. They will happen.

The FAA has to allow SpaceX to develop its rockets. Our future existence depends on it.

Michael Greene
Salinas CA

From: A <[REDACTED]>
Sent: Sunday, September 19, 2021 2:46 PM
To: SpaceXBocaChica
Subject: Accessibly

Categories: Purple Category

First i want to thank the FAA for this amazing step to hear more about the community,i have two things that i wanna suggest,I understand that it takes some time to request a TFR this should be less of an issue remember that starship's is making life multi planetary with that requiring lots of refueling,starlink satellites to improve communication and human space flight.Secondly last minute alerts the same problem that happened with virgin galactic right now and SN8 The FAA should require more a better and organized system of alerts.

Thank you.
-Abdullah

From: Andrew Jones <[REDACTED]>
Sent: Thursday, September 23, 2021 2:58 PM
To: SpaceXBocaChica
Subject: Approval request for Starship project

Categories: Green Category

To whom this concerns:

In the history of United States space travel, primarily done up to this point by NASA, no other organization has shown a proven track record of rocket development and successful launches on the scale of Space X.

In fact, in all of rocket history no project has come close to developing a vehicle that could be as viable for travel to the moon or Mars and beyond better than the Starship project. In Starship, as you know, there is the potential not only to get people to the moon and other planets, but it is also capable of carrying enough cargo to efficiently build a base on any one of these other worlds.

I believe Space X was very careful in choosing the Boca Chica location to put it where it will have the least effect on any populated areas or surrounding wildlife as shown, ironically enough, by the destruction of 3 full size prototypes. Space X has been very responsible in cleaning up the scrap metal, and since Starship is made of stainless steel it is fully recyclable. So scrapped ships and debris can be melted down and made into new material to make more starships.

The main factor concerning starship is the plan to make it a fully reusable form of space transportation, and it uses a fuel that is basically an unlimited resource, methane, because it can be manufactured as opposed to being pulled out of the ground from a limited supply.

Economically Space X has already demonstrated the value of a reusable spacecraft in the Falcon 9 rocket. Although one small part of that vehicle is not reusable in the 2nd phase, the first phase which is also one of the most expensive parts of the rocket, is and to this date most of the 1st phase boosters for Falcon 9 have been flown more than once with unsurpassed reliability, which also is increasing its rating for safety. It has now even flown human beings with no injuries or deaths reported in any of the crewed launches or recoverys. In fact, seasoned astronauts that flew on crew dragon report it was the smoothest ride they have ever experienced.

Since Starship's development is based on the data from the development and refinement of Falcon 9, but on a larger scale, there is no reason to believe that Sarship will not have equal or even greater success than Falcon 9. When fully developed it will fly with equal reliability and greater reusability than Falcon 9 and with many factors in its favor including greater ability to put materials and people into orbit, to the moon, to Mars and beyond.

The Booster is a much larger vehicle in terms of size and how much fuel will be on board, so of course it is understood that it's explosive potential is much greater than the upper stage starship, however, again, the placement of Starbase was intentional in that it is far enough away that even the most catastrophic explosion has been considered and planned for to cause minimal damage and most likely no injury or loss of life, as long as people stay out of the exclusion zone. If you grant SpaceX the ability to properly evacuate and clear the area of people in the vicinity of the orbital launch pad, there should be no significant problems.

The sooner you grant SpaceX the approval to continue with test fuelings and flight tests for the first stage booster stacked with the second stage starship spacecraft, the sooner America will be able to once again take the lead in space exploration and future colonization of worlds other than Earth. This will make mankind a multiplanetary species and enable us a greater chance of survival even with an extinction event were to occur on our own planet.

Once this complete system, including the orbital launch facility and the Starship, is shown to be viable, building the same systems in Florida on Cape Canaveral might also be considered.

I know you will receive these same points made by many other people besides myself, so we all hope and pray that you will seriously consider granting SpaceX and all of humanity this great opportunity.

Thank you for your time,

Andrew T. Jones, Navy Veteran (retired)

From: Brett Messinger <[REDACTED]>
Sent: Thursday, September 23, 2021 5:22 PM
To: SpaceXBocaChica
Subject: Awesome SpaceX

Categories: Green Category

The future of humanity could be the difference of a day and we can not slow the progress already made. A person with both vision and intelligence in the field of rocketry is putting it all on the line to further our chances to survive any cataclysmic event that could befall the earth.

Also SpaceX is helping the economy in an area of our nation that has been known for poverty.

Finally we need to also recognize the good things happening to the environment by SpaceX being there.

--

Brett T Messinger [REDACTED]

From: Roger Heuckeroth <[REDACTED]>
Sent: Thursday, September 23, 2021 5:10 PM
To: SpaceXBocaChica
Subject: Boca Chica Launch Site

Categories: Green Category

I would like to voice my support for Space X Super Heavy Launch Site in Boca Chica, TX. I believe this program is important to our national interests and want to express my full support for this project. Though no site is perfect and there will be occasional disturbances to the public and perhaps to the wildlife, I feel that it is necessary to foster the development of this leading technology. In the future if launches and landings become routine and frequent then perhaps an off shore location would be more suitable, but for the development phase, this site is as good as any.

Roger Heuckeroth
[REDACTED]

From: Otto Fabri <[REDACTED]>
Sent: Friday, September 17, 2021 1:22 PM
To: SpaceXBocaChica
Subject: Comment on FAA assessment

As a member of the general public, I'd like to provide my comment on Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County.

Positive impacts needed to be taken into consideration:

- crucial impact on survival of the human civilisation (mitigating risks by enabling spread of the civilisation on multiple space bodies like planets, moons, large space stations, etc.) enabled by SpaceX unique and unrivaled technology that minimizes the costs of transportation of large mass to and from space.
- important factor to secure technological leadership of the USA and Western civilisation on the planet. Space X as a global leader of the strategic industry is the sole provider of such capabilities
- The space program is the major generator of new technological solutions, new materials, and new industrial practices that in the past had a major positive impact on our civilization and a dramatic rise of the global living standards . (basical all technology we use today (electronics, materials, biomedical. etc) is directly connected to military = aerospace requirements for the space program in the last century.)
- enormous military advantage for USA by controlling the space, enabling transportation of large mass to and from space as well as within the planet in unrivaled time intervals
- economic potential in trillions \$ by harvesting mineral resources precious on planet but plentiful on nearby space bodies again only can be enabled by SpaceX technology.
- Naturally all above requires an enormous work force and giant facilities, therefore generating a huge amount of jobs on all levels of qualifications as well as related infrastructure

Not allowing Space X to continue with their ambitious program or limiting it in any way would not only put in risc the position of the USA on a global geopolitical scene in the future by enabling competitors to catch up on the technological advantage of SpaceX and the USA, as well as denying US citizens new economical resources on all levels, but would ultimately delay further increase of living standards of our civilisations by delaying or denying progress on crucial technologies and in worst case such delay could mean major disadvantage to our civilisation facing potentially disastrous global threats.

--
Otto Fabri

[REDACTED]

From: Sean LoGrasso <[REDACTED]>
Sent: Saturday, September 18, 2021 12:08 AM
To: SpaceXBocaChica
Subject: Comment on SpaceX PEA

Categories: Green Category

Dear Ms. Stacey Zee,

Re: SpaceX PEA,

I have been following the developments of Starship/Super Heavy in Boca Chica, TX for years. My entire family finds it inspirational to follow its progress. I believe this should be approved. Here are some strategic national interests this serves as well:

1. Assured access to space.
2. Strategic access to the Moon and Mars.
3. Protect against China doing on the moon and Mars what they are doing in the South China Sea, should they establish a base first.
4. The means to mitigate climate change from orbit.
5. An accelerated decline in the cost per unit mass to orbit.
6. The ability to remove significant space debris from orbit, wherever the origin.
7. Facilitates a robust and competitive *low-Earth orbit (LEO) economy, which NASA states, "Is vital to continued progress in space."*
8. Enables the NASA Lunar Human Landing System program to proceed.

Please consider approving/exempting 3 or more suborbital launches and 3 or more orbital launches of the Starship/Super Heavy vehicle in parallel with the completion of the PEA, so as to not delay its development.

I strongly support approval and certification of Starship/Super Heavy for orbital launch as soon as humanly possible.

Sincerely,

Sean LoGrasso

Huntington Beach, CA

[REDACTED]

From: Avery Washington <[REDACTED]>
Sent: Thursday, September 23, 2021 7:02 PM
To: SpaceXBocaChica
Subject: Comment on the Draft Programmatic Environmental Assessment

Categories: Green Category

Greetings FAA,

I am adding my opinion of support to SpaceX for their efforts in Boca Chica, Texas. As a citizen of the U.S. and Humanity, I believe that increased efforts for space exploration are necessary for the future of humanity. SpaceX is the leader in this forefront, overtaking NASA in in pace of development. They must be allowed to continue their work and progress All of Us to the next era.

I support SpaceX.

Thanks,

Avery Washington

From: Paul Allen <[REDACTED]>
Sent: Friday, September 17, 2021 11:48 PM
To: SpaceXBocaChica
Subject: Comments & Subscription

Categories: Green Category

I love space and am excited about what SpaceX is doing. I feel their goals should be rewarded. Thier progress of Drastically reducing cost of launches while at the same time doing a very good job of being environmentally friendly by not wastefully disposing of stages in the ocean should be rewarded. I hope by using proper lighting and/or arranging for launches to avoid harming endangered wildlife mating season SpaceX can be the best bet to advance space exploration economicly while being less wastefull by causing less harm to the ocean.

Sincerely, Paul Allen

From: Pinki Chaudhuri <[REDACTED]>
Sent: Sunday, September 19, 2021 3:48 PM
To: SpaceXBocaChica
Subject: Comments on FAA's Draft PEA for SpaceX
Attachments: COMMENTS ON FAA.docx

Categories: Purple Category

COMMENTS ON FAA'S DRAFT PEA FOR EXPERIMENTAL PERMIT TO SPACEX

Background and context

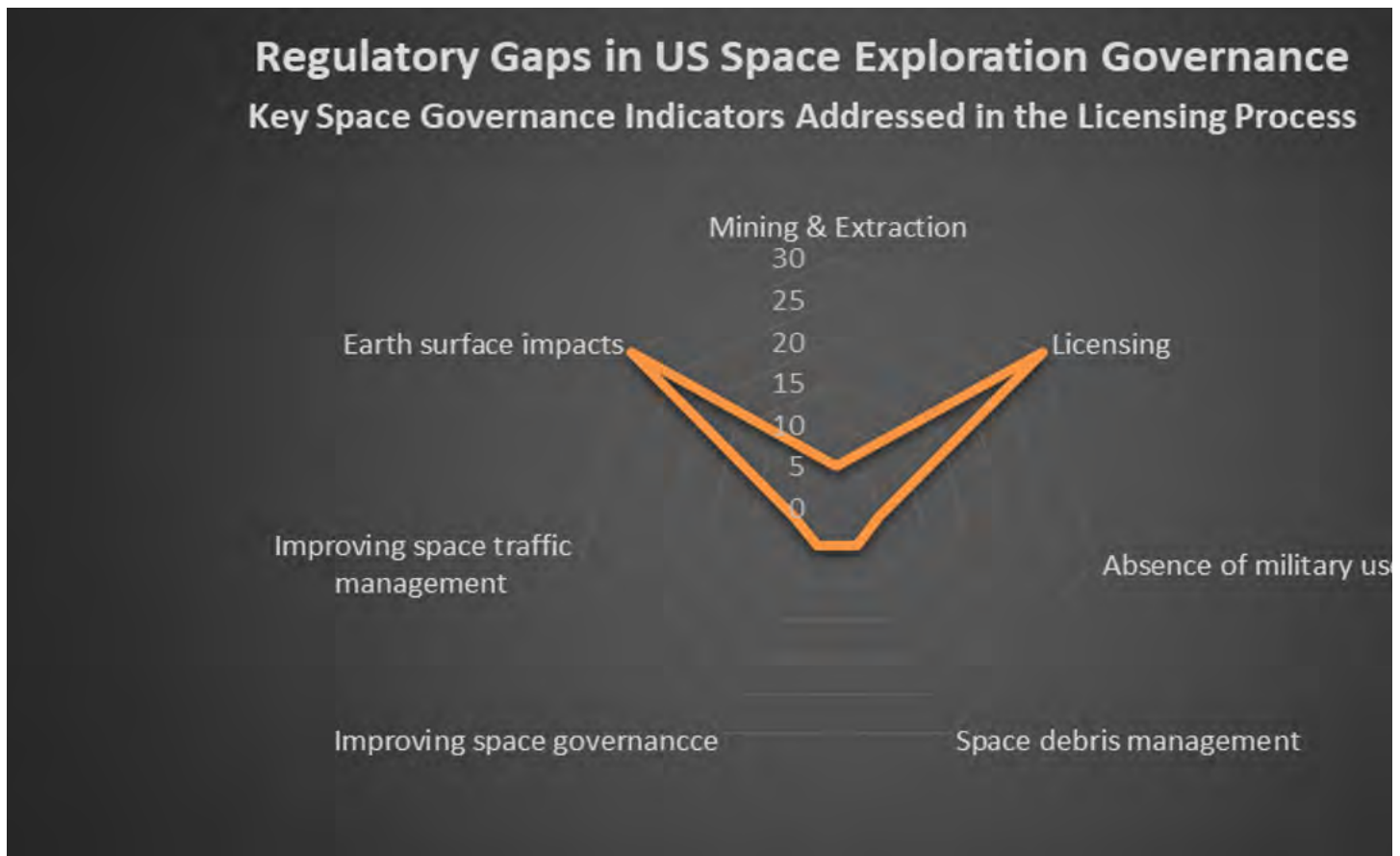
The parameters of this draft PEA follows the regulatory requirements pertaining to commercial launches and individual launch operators are described in 14 CFR Chapter III, Parts 400-460. The FAA and all participating agencies appear to have completed adequate due diligence in regard to each one's jurisdiction and expertise, and the resulting determination appears to be in order. However, given the emerging nature of space exploration and the high level of unaddressed issues in space governance, it is useful to use this comment period to ask a more fundamental question: *can the requirements of Parts 400-460 raise the bar and require higher standards from operators that would contribute towards improved space governance.* These comments address this latter issue and seek to push the envelope on greater compliance by the US with international space treaties and commitments by incorporating these agreed upon goals into specific regulations and agency rules that directly impact on space governance.

Should Requirements of 14 CFR Parts 400-460 Address Space Governance?

The basic premise of this argument is that space governance is not an abstract concept, it is tangibly affected by "users" or orbital vehicles and their owners/operators who in the process of entering, traversing in, and exiting space can either have a neutral footprint or degrade the space environment thereby making future space travel and exploration more costly and less reliable. Thus it is in the best interest of space users/agents to adopt higher standards for space exploration in order to ensure long term affordability and sustainability. Since permits and licenses are the entry point for space companies to engage in space activities, it would seem reasonable to assess how these regulations can most efficiently incorporate the key indicators of good space governance while also demonstrating US space leadership by adherence to its own international space commitments.

As the radar diagram below shows (this diagram is impressionistic, not empirical, and supplied for illustration only) the current licensing process is focused on assessing specific social and environmental impacts on Earth which is clearly imperative. However, the licensing process could also be a mechanism to ensure that space operators contribute to enhancing space governance. The radar diagram below reveals that while there are at least seven key

determinants of good space governance, only two of those are currently being addressed by the FAA licensing process.



Key additional areas that FAA Permit Regulations could address.

- ❖ **Space and Asteroid Mining.** The US SPACE Act of 2015 allows a US citizen engaged in asteroid or space mining to possess, own, transport, use and sell extracted resources. This does not align with US commitments under the Outer Space Treaty. Ideally, the 2015 Act should be amended to allow limited space mining for research purposes. Consequently, the licensing regulation could require a verification process that only equipment and items inventoried at launch were accounted for on reentry.
- ❖ **Space Debris Management.** The cost, reliability, safety, and integrity of space travel and communications are affected by - and can deteriorate due to - space debris. FCC rule on Mitigation of Orbital Debris in the New Space Age presumably applies only to debris generated by satellites, thus leaving open the issue of debris caused by space transport vehicles. NASA and DoD do not have regulatory authority over space debris. Could/should FAA's licensing process include due diligence in regard to verifying that space operators adhere to certain standards of debris management/mitigation? Should applicants seeking licenses be required to submit any orbital debris mitigation plan?
- ❖ **Space Traffic Management.** This differs from authority like the FAA for licensing commercial launches and reentries and radio broadcasts from space, or that the National Oceanic and Atmospheric Administration (NOAA) has for licensing space remote-sensing operations. Looking

forward, the U.S. needs to consolidate STM authority into a singular federal agency with the best connections to commercial space users. In the interim, could/should FAA's licensing process require space companies to collaborate in improving utility of geo and sun-synchronous orbits, and contribute to data, information, and tools to enhance collision avoidance?

- ❖ ***Space Exploration for Peaceful Purposes.*** In the future militarization of space will likely be a concern. Some countries may infiltrate commercial space missions with military personnel and operations that would be difficult for other nations to dis/prove. In the spirit of the Artemis Accords and toward fostering a demilitarized space culture, should FAA licensing process require both the operator and agency to certify that the mission has no military personnel or activity or agenda? This would be a modest start toward exhorting other Artemis signatories to undertake similar procedures and over time building a global norm for all space activities.

Conclusion: Need for Agile Space Regulation

The notion explored here is one of agile space regulation that is consensus based, light in terms of cost and time burden on the licensee/applicant while yielding high long term sustainability of space operations. The current FAA licensing process for space vehicles and operators is heavily focused on impacts and mitigation on Earth environment while not addressing issues of space environment and space governance. It would be beneficial for this to be discussed during this comment period even if the outcomes in this regard, if any, would apply prospectively.

Sent from [Mail](#) for Windows

COMMENTS ON FAA'S DRAFT PEA FOR EXPERIMENTAL PERMIT TO SPACEX

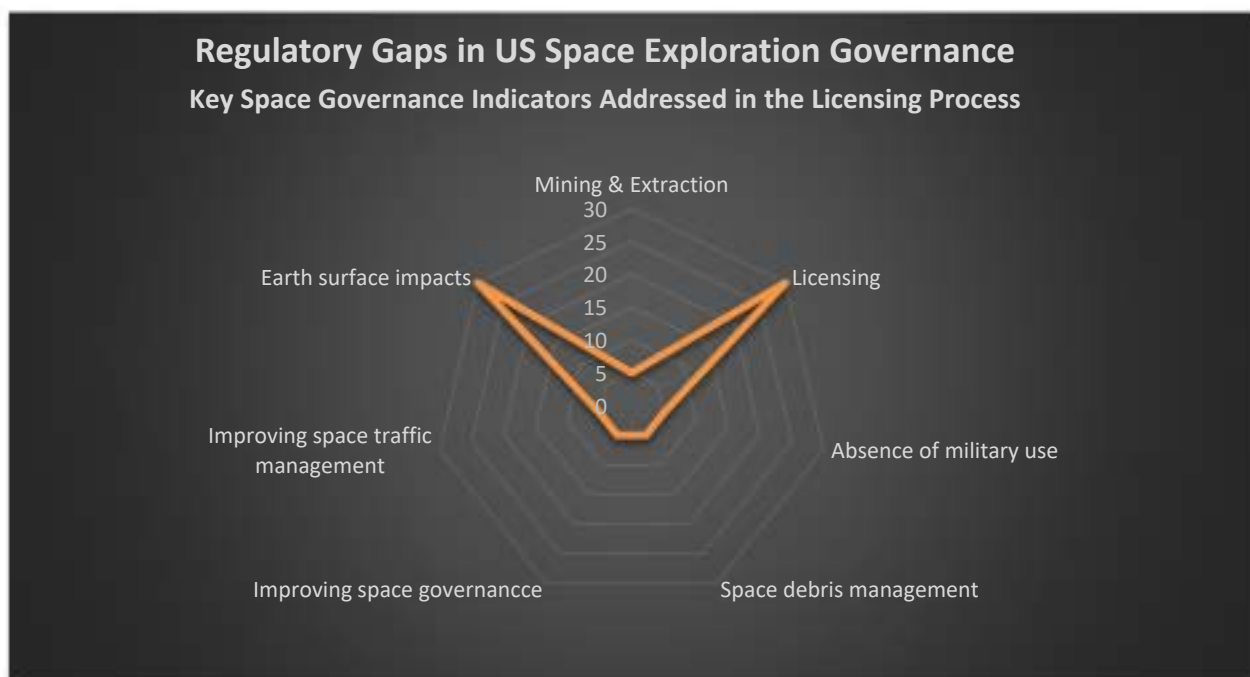
Background and context

The parameters of this draft PEA follows the regulatory requirements pertaining to commercial launches and individual launch operators are described in 14 CFR Chapter III, Parts 400-460. The FAA and all participating agencies appear to have completed adequate due diligence in regard to each one's jurisdiction and expertise, and the resulting determination appears to be in order. However, given the emerging nature of space exploration and the high level of unaddressed issues in space governance, it is useful to use this comment period to ask a more fundamental question: *can the requirements of Parts 400-460 raise the bar and require higher standards from operators that would contribute towards improved space governance.* These comments address this latter issue and seek to push the envelope on greater compliance by the US with international space treaties and commitments by incorporating these agreed upon goals into specific regulations and agency rules that directly impact on space governance.

Should Requirements of 14 CFR Parts 400-460 Address Space Governance?

The basic premise of this argument is that space governance is not an abstract concept, it is tangibly affected by "users" or orbital vehicles and their owners/operators who in the process of entering, traversing in, and exiting space can either have a neutral footprint or degrade the space environment thereby making future space travel and exploration more costly and less reliable. Thus it is in the best interest of space users/agents to adopt higher standards for space exploration in order to ensure long term affordability and sustainability. Since permits and licenses are the entry point for space companies to engage in space activities, it would seem reasonable to assess how these regulations can most efficiently incorporate the key indicators of good space governance while also demonstrating US space leadership by adherence to its own international space commitments.

As the radar diagram below shows (this diagram is impressionistic, not empirical, and supplied for illustration only) the current licensing process is focused on assessing specific social and environmental impacts on Earth which is clearly imperative. However, the licensing process could also be a mechanism to ensure that space operators contribute to enhancing space governance. The radar diagram below reveals that while there are at least seven key determinants of good space governance, only two of those are currently being addressed by the FAA licensing process.



Key additional areas that FAA Permit Regulations could address.

- ❖ **Space and Asteroid Mining.** The US SPACE Act of 2015 allows a US citizen engaged in asteroid or space mining to possess, own, transport, use and sell extracted resources. This does not align with US commitments under the Outer Space Treaty. Ideally, the 2015 Act should be amended to allow limited space mining for research purposes. Consequently, the licensing regulation could require a verification process that only equipment and items inventoried at launch were accounted for on reentry.

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- ❖ ***Space Exploration for Peaceful Purposes.*** In the future militarization of space will likely be a concern. Some countries may infiltrate commercial space missions with military personnel and operations that would be difficult for other nations to disprove. In the spirit of the Artemis Accords and toward fostering a demilitarized space culture, should FAA licensing process require both the operator and agency to certify that the mission has no military personnel or activity or agenda? This would be a modest start toward exhorting other Artemis signatories to undertake similar procedures and over time building a global norm for all space activities.

Conclusion: Need for Agile Space Regulation

The notion explored here is one of agile space regulation that is consensus based, light in terms of cost and time burden on the licensee/applicant while yielding high long term sustainability of space operations. The current FAA licensing process for space vehicles and operators is heavily focused on impacts and mitigation on Earth environment while not addressing issues of space environment and space governance. It would be beneficial for this to be discussed during this comment period even if the outcomes in this regard, if any, would apply prospectively.

From: Bob Wilson <[REDACTED]>
Sent: Tuesday, September 21, 2021 7:01 PM
To: SpaceXBocaChica
Subject: Comments on SpaceX Starship/Super Heavy Program

Categories: Purple Category

Hi,

I did not see any reference to the manufacturing suppliers who provide the materials used to make a Starship/Super Heavy. These remote suppliers also have an environmental effect local to their manufacturing facilities, resources, and mines. Because every part of the Starship/Super Heavy are designed for reuse, they substantially reduce the environmental impact of the remote suppliers.

As the number of reuse cases increase, the manufacturing environmental impacts, outside of the Boca Chica area, decreases significantly. This can easily exceed any Boca Chica effects by an order or magnitude. In contrast, expendable rocket launchers are one-time only with a significant impact on the supply chain.

Robert J. Wilson
[REDACTED]

From: steven smith <[REDACTED]>
Sent: Monday, September 20, 2021 12:58 PM
To: SpaceXBocaChica
Subject: Comments on the Draft Programmatic Environmental Assessment (PEA)

Categories: Purple Category

These are my comments on the proposed SpaceX/SuperHeavy program at Boca Chica, TX.

My main concern with operations at this facility is the adverse visual effect from the excessive amount of lighting that SpaceX is already emitting at this site on an ongoing basis. In the proposal, visual effects, specifically site illumination, is to be minimized by only using lighting when necessary, turning off lights not needed at the time, and managing unshielded lighting. SpaceX already violates this pledge with their current lighting scheme. The glare coming from this site is substantial and as an example of unnecessary lighting one only has to drive by the steel fence with the large illuminated STARBASE letters. It is not immediately apparent why these letters were installed to shine right over the road and into the eyes of motorists driving by. There are many other examples of lighting all over the Boca Chica site, some far more serious and intense, visible to persons in the area. The lights already in use at Boca Chica are visible for many miles, sometimes appearing as a dome over the site in humid conditions. If this site were in an urban area that already suffers from light pollution my objection would not be so strident, but this used to be a reasonably pristine area, one of the few remaining on the Gulf Coast, and I object to SpaceX assuming that unlimited illumination is acceptable to the rest of the stakeholders in this area.

Nothing in the recent development of this site gives hope that any of the needless excess illumination will be corrected in the future.

Thank You for your attention and for consideration of my comments,

Steven C. Smith

From: Bill Hensley <[REDACTED]>
Sent: Friday, September 17, 2021 10:34 PM
To: SpaceXBocaChica
Subject: Comments on the SpaceX Boca Chica PEA

Categories: Green Category

Thank you for the opportunity to comment on the current draft Programmatic Environmental Assessment. I believe the draft PEA has done a good job of weighing the issues associated with the proposed SpaceX activities. I agree with the Proposed Action. The FAA should issue the relevant permits and licenses to allow SpaceX to proceed with its Starship/Super Heavy program at Boca Chica.

Many potential impacts were reviewed and most found negligible. It would appear that the area of greatest concern to many parties is the possible impact on the surrounding habitat and wildlife. It is necessary for public safety that launch facilities be located away from population centers, which means wherever you put it you will always be displacing some habitat and wildlife. The Starship/Super Heavy program is groundbreaking and important to space development, which is a strategic segment of our economy and important to the future of mankind. Large sections of the Texas Gulf Coast are already set aside as wildlife refuges. I think we can risk some impact in this small area, and I am confident SpaceX will diligently implement the agreed on mitigation plans.

As a lifelong resident of the Texas Gulf Coast I believe this program can go forward without jeopardizing the unique ecosystem of this area.

Thank you,
Bill Hensley
Sugar Land, TX

From: STAN LANTZ [REDACTED]
Sent: Friday, September 17, 2021 4:35 PM
To: SpaceXBocaChica
Subject: Comments
Attachments: Comments for Space X and FAA.doc

Categories: Green Category

Ms Zee,


Please find attached comments for submission to FAA

Thanks,

Stanley D. Lantz

[REDACTED]

[REDACTED]



September 17, 2021

To Whom it May Concern,

Thank you for the opportunity to comment of any FAA rulings concerning Space X and their efforts to utilize Boca Chica areas for development and future launches of 'StarShips' into Space, The Moon, and on to Mars (and Around The World).

Space X has demonstrated that they are the 'most' capable company in the United States (and the World) when it comes to Space Exploration and travel. Below I have listed some 'Bullet Points' and reasons... in my opinion, on why they should not now / or ever be restricted by governmental bureaucratic interference.

The Beach: Yes, the road closures cause the beach to be unavailable at times. Can you imagine if the Kennedy Space Center had to listen to 'Individuals' concerned about a beach towel or 'Sending Man Into Space'? There are other beaches people can go to. Some people (a very few) are more than willing to whine at every instance to get attention / or to impair anything like space travel... for really no legitimate reason.

The Noise: Spaceships are loud. Our needs to get into space soon remains an important factor. We cannot simply put our bases in the middle of the desert. This land was meaningless until it became important because of Space X and their building on Americas Dreams. The noise is a small thing compared to what 'Additional Economic Benefits' that the launch facility brings to Texas, the county, and surrounding area. Tourism has already increased... and is going to continue to increase in the future. Space X is resourceful and determined, not to mention far more qualified (just look at their employees/their experience) to resolve noise problems than probably any of those 'complaining'.

Boca Chica Village: Simple; They have been offered enough to rebuild elsewhere. If they chose to stay. They simply have accepted whatever happens as a result. A 'few' should not be allowed to manipulate the very future of our world. Yes, they have 'rights'. They can sell / or stay... those are their rights. If they stay then they are accepting change.

Wildlife / Wetlands: Mother Nature adapts. Are there not Wildlife at Kennedy Space Center? Again; a 'few' will attempt to disrupt progress AT ANY COST. Do they really have anything other than their own Self Loathing Thoughts at heart? I think not (again, my opinion only). I truly believe that Wind Generators are more problematic to wildlife that the Space X facility (Present/Future).

Thank you for allowing me to express my true feelings. I am a veteran of 22 years military service and love America. I know you will do what is right; allow Space X the opportunity to succeed without governmental interference.

Respectfully,
Stanley D Lantz

From: John Barnaby <[REDACTED]>
Sent: Thursday, September 23, 2021 11:36 AM
To: SpaceXBocaChica
Subject: Draft PEA Public Comment for Full Support of SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Categories: Green Category

Thursday, September 23, 2021

Ms. Stacey Zee
SpaceX PEA
c/o ICF
9300 Lee Highway
Fairfax, VA 22031

Hi Ms. Stacey Zee,

I am in full support of the [SpaceX Starship Super Heavy Project at the Boca Chica Launch Site](#) and all the work that SpaceX is doing to propel the human race into becoming a multi-planetary species.

I lived in Texas for 15 years before moving to California 17 years ago and believe the [SpaceX Starship Super Heavy Project at the Boca Chica Launch Site](#) has far-reaching benefits economically and otherwise to the greater Boca Chica area, Texas, the USA, and the world.

I understand there are many issues environmentally encompassing the Rio Grande Valley National Wildlife Refuge and beyond as well as to the residents and their quality of life among many other factors that must be taken into account which I believe are all being appropriately addressed with the [Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program \(Draft PEA\)](#) further bolstering this stance of full support for [SpaceX Starship Super Heavy Project at the Boca Chica Launch Site](#).

I have been an advocate of space travel since watching as a 5-year old Apollo 11 land on the Moon in the Sea of Tranquility, on July 20, 1969, and hearing Neil Armstrong say "That's one small step for man. One giant leap for mankind" and have watched many dozens of launches to space since then including last week's spectacular world's first all-civilian Inspiration4 mission.

In the final analysis, I have come to the conclusion if not SpaceX then who, and if not now then when? I ask myself, would we even have this second space race without SpaceX, would we have the benefits of reusable rockets without SpaceX, would we really be going back to the moon without SpaceX, would we be planning crewed missions to Mars without SpaceX, the list goes on and on? Without question, I would definitely and unequivocally say no if not for SpaceX!

SpaceX like Tesla are pioneers in their fields and without them spearheading and to some extent dragging the human race forward to a more hopeful, sustainable, and brighter future we would be forever bound to mother earth polluting her with our internal combustion engines forever looking through smog tinted glasses at the planets and stars above instead of flying among them which thankfully will come in my lifetime and not some far distant future. Who knows, "Born on Earth, Die on Mars" could be more than a slogan for a shirt, but could actually happen in my lifetime for astronauts and civilians alike.

Thanks for your kind consideration for my full support of the [SpaceX Starship Super Heavy Project at the Boca Chica Launch Site](#) during this public review and comment period from September 17, 2021 through October 18, 2021, and please subscribe me to your mailing list so that I may receive updates on this project.

Sincerely,

John Barnaby

From: Christian Larochelle <[REDACTED]>
Sent: Thursday, September 23, 2021 12:02 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment

Categories: Green Category

Hi there,

I just wanted to voice my concern about the environmental impact that SpaceX might be having on Boca Chica. I believe that the SpaceX is leading humanity into the next step for space exploration and this is putting a hinder on their program, despite this I still think that if there are any endangered fauna then appropriate action should be taken to protect and/or relocate them to another protected environment. (Perhaps SpaceX can help with the costs and the manpower that it would take to move or rebuild some of the waters and fields).

I'm hoping this isn't a ploy from Blue Origin, Boeing etc. to slow down the Starship development. The Starship program is an urgency.

Thanks

Cheers,
Christian

From: Jordan Holst <[REDACTED]>
Sent: Thursday, September 23, 2021 3:09 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment Public Review and Comment Period

Categories: Green Category

I am strongly in favor of the approval of the starship/superheavy test program. It may disruptive locally but it is inspiring globally. The world is hurting and to have a project that we get feel we are a part of even if we are thousands of miles away is very special. I can only hope the you will see that this project is a gift to all of us. For me it makes the child in me come alive and I can again believe that anything is possible. Please approve this project.

From: [REDACTED]
Sent: Thursday, September 23, 2021 6:26 PM
To: SpaceXBocaChica
Subject: Draft Programmatic Environmental Assessment

Categories: Green Category

I am for approving the SpaceX Starship program and facility in Boca Chica TX. With appropriate precautions to protect people, property and habitats, the Starship program is vitally important and should be allowed to launch from Boca Chica. I support SpaceX and their mission to create an affordable space transportation system to advance the frontier of space for the United States and the human race.

Paul K. Smith
[REDACTED]

From: Clyde DeLoach <[REDACTED]>
Sent: Tuesday, September 21, 2021 12:52 PM
To: SpaceXBocaChica
Subject: Endorsement for Expanding SpaceX Use of its Boca Chica/Rocket Build and Test Facility

Categories: Purple Category

Attention: Ms Stacey Zee,

I urge you to expand SpaceX's use of what you have defined in the recent document you (the FAA) have sent forth, asking for citizen comments.

I do not concur that what has been defined in your voluminous document will be sufficient for SpaceX's use for this facility that works 24/7 throughout the year.
The FAA would be adversely restricting SpaceX's engineering and manufacturing activities to support its many contracts with both military and commercial customers worldwide.

I would like to suggest you authorize that SpaceX use the Boring company, at their expense, to create tunnels to offer people who visit the area around it in Cameron County, Texas, an alternative to using Highway 4 in the immediate area of the manufacturing and production facilities. Also, please allow SpaceX to hoist a lightning rod atop the tower(s) it has or added towers it may need to erect when launching 3 "Starships" per day when it is preparing to launch Mars flights and prior to that time for Lunar preparatory flight tests in its contracts with NASA.

Thank you, Ms. Zee, for your attention to my endorsement of a wider active use of the Boca Chica, Texas SpaceX facilities than what has been detailed within the Recent FAA document soliciting citizen responses.

Sent from my iPad

From: Thomas Kuczkowski <[REDACTED]>
Sent: Thursday, September 23, 2021 1:37 PM
To: SpaceXBocaChica
Subject: Environmental Assessment

Categories: Green Category

I support SpaceX in their work to develop the Starship/Booster in Boca Chica. I worked on the Mars probe back in 1966-67 at Avco in Wilmington, MA. Mars has been on my radar ever since. SpaceX prides themselves with safety and respect for our environment. Rockets have a short duration, negative impact on our sensibilities and our environment. These short-term negatives are worth accepting for the long-term goal of making our species multi-planet.

Thomas Kuczkowski
Retired Aerospace Engineer

From: Michael Fink <[REDACTED]>
Sent: Friday, September 17, 2021 6:55 PM
To: SpaceXBocaChica
Subject: Environmental impact of SpaceX operations at Boca Chica

Categories: Green Category

Dear Sir/Madam,

I wish to comment in support of SpaceX's operations at Boca Chica in relation to the FAA's environmental impact assessment. Whilst it is true that there are some potential local adverse environmental impacts, I think that SpaceX's mission will overall have the following environmental and other benefits.

1. SpaceX is a pioneer in low cost, sustainable access to space. Their reuse of flight hardware in the Falcon 9 is already driving down the environmental and other costs of space flight and this will be taken to a new level with Starship-Superheavy, which will be the first fully reusable rocket ever flown. The Starship-Superheavy system will offer the lowest cost per mass to orbit of any rocket in history. This will enable lower cost solutions to monitor serious environmental threats to our planet, including climate change.
2. SpaceX is minimising the environmental impact of their operations by vertically integrating as much of the manufacturing processes as possible and utilising local parts suppliers wherever possible.
3. SpaceX is developing the means to produce propellants in a sustainable fashion. They already have an oxygen production facility on site and have indicated that they intend to develop the ability to produce methane using the Sabatier process that combines atmospheric CO₂ and water. This is a process that will be required for in situ resource utilisation on Mars to refuel Starships for the return journey to Earth. Producing methane from atmospheric CO₂ using renewable energy will make the Starship-Superheavy the first to use a carbon neutral fuel.
4. SpaceX is committed to the democratisation of space, with greater access to normal people, as demonstrated by the Inspiration 4 mission which is currently in orbit. It has been well documented that people who see the Earth from space undergo a profound change in their concept of the planet and are more likely to care for the planet more. The greater the number of people who can do so, the more likely it is that the right decisions will be made for the future habitability of the Earth.

Yours Sincerely,

Mr Michael Fink MBBS MD FRACS | Senior Lecturer
Department of Surgery / Austin Health | Medicine Dentistry and Health Sciences
The University of Melbourne



From: Matt JL <[REDACTED]>
Sent: Friday, September 17, 2021 10:56 AM
To: SpaceXBocaChica
Subject: Environmental Impact Statement - SpaceX Starship/Super Heavy

To whom it may concern,

I would like to express, as succinctly as possible, my concerns with the SpaceX's management of the Boca Chica site and the potential repercussions it may have on both the people in the immediate area around Boca Chica, including but not limited to residents of northern Mexico, South Padre Island, and Brownsville.

First, SpaceX has clearly shown reckless behavior with regards to the well-being of the public by defying authority on countless occasions. Most recently, Starship SN9's launch violated the launch license issued by the FAA: <https://www.washingtonpost.com/technology/2021/02/02/spacex-test-sn9-faa-license/>.

Second, on numerous occasions, SpaceX CEO Elon Musk has shown complete and utter personal disregard for regulatory organizations such as the FAA, and in his capacity at Tesla, the NTSB and NHTSA: <https://www.wsj.com/articles/elon-musk-tesla-spacex-regulators-crash-11619624227>

Additionally, based on anecdotal evidence, SpaceX regularly violates OSHA safety requirements and has produced at least one significant jobsite injury resulting in multiple broken bones.

Based on these severe points, I do not believe that SpaceX will hold itself fairly to the environmental impacts claimed to the FAA, and will inevitably wind up disregarding or clashing with the FAA and ultimately endanger the well-being of residents local to the Boca Chica area. The Saturn V, of a similar size and payload class to SpaceX's Starship, was estimated to have as much explosive potential as a small nuclear bomb and would have, based on similar incidents with the Soviet N-1, shattered windows up to 30 miles away. <https://www.thespacereview.com/article/3703/1> I get uncomfortable at the thought of a poorly-managed and ultimately dangerous Starship plummeting into either of the metropolitan areas around Boca Chica and killing thousands.

Please, please, please, *please* consider the actual public danger that SpaceX poses to the well-being of residents of South Texas, and their wanton disregard for safety. There is a genuine threat to the well-being of thousands of people in the area and I am deathly afraid that granting SpaceX permission to fly would wind up putting people's lives in danger. Even if that does not come to pass, it is clear that SpaceX cannot be trusted to adequately uphold their own assessments of environmental impact.

Sincerely,
-Matt L.

From: Blair Matson <[REDACTED]>
Sent: Thursday, September 23, 2021 12:44 PM
To: SpaceXBocaChica
Subject: FAA comment for SpaceX

Categories: Green Category

I've always dreamed of star trek future where all humans can get along unite as we are all really the same. SpaceX and it's starship program gives me the first glimmer of hope that this kind of future is attainable. I strongly support the program!

From: kagin saleh <[REDACTED]>
Sent: Saturday, September 18, 2021 4:22 AM
To: SpaceXBocaChica
Subject: FAA environmental impact comment

Categories: Green Category

Dear FAA,

As human species we must consider the environment like our priority. I think we all agree that we want a sustainable future. By allowing SpaceX to pollute a little bit into the atmosphere, it will exponentially bring a sustainable future closer. We all agree that making space accessible by orders of magnitude will explode our technology developments. This explosion will be a key Factor in in bringing us to the sustainable future. Please let spacex launch Starship as they plan. By having a rocket we will create things in space that are out of our imagination, all to make our future sustainable. Think about huge solar panels that can launge with a fraction of a cost of today's launges. There is a big chance that Starship is the first step to make our civilisation a type 1.

Please be part of accelerating that process.

Regards,

Kagin Saleh

[Outlook voor Android](#) downloaden

From: Dan Sika <[REDACTED]>
Sent: Thursday, September 23, 2021 1:43 PM
To: SpaceXBocaChica
Subject: FAA review of SpaceX site public comment

Categories: Green Category

I am in favor of SpaceX conducting flights from the Boca Chica site with no limit as to the number of flights or to the time of day a launch may take place. I feel that the USA needs to consider that space flight does not happen just a few times a year, as it did 20 years ago from one site. To fully utilize the newly created re-usable rockets that SpaceX has developed, it is necessary to allow them to fly as if it were an airplane taking off from the site. I feel that other rocket developers should also have an unlimited ability to take off and land at their sites as well. Please consider my comments when reviewing the SpaceX site.

Dan Sika

[REDACTED]
[REDACTED]

From: Kaam Ramsaroop <[REDACTED]>
Sent: Thursday, September 23, 2021 2:35 PM
To: SpaceXBocaChica
Subject: FAA

Categories: Green Category

I AM IN SUPPORT OF MUSK AND SPACE X

Love Kaam Ramsaroop

MAKE AMERICA GREAT AGAIN.

From: [REDACTED]
Sent: Saturday, September 18, 2021 9:21 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

When reading comments about space exploration in general and SpaceX specifically, big part of people sound the concern: "why we should develop the technologies to go to the Moon and to Mars while we still have to improve the conditions on our planet to keep it livable and stop destroying it further. The concern here is that by developing space programs further, we are injecting more pollutants to the atmosphere and worsening the situation further on earth to move to another planet, to have a backup plan in case planet earth becomes unlivable. Clearly a dilemma. The fact that SpaceX has developed raptor engines to use methane as propellant, puts it in an exceptional position to develop the space exploration program while curbing emissions, by using biogas sourced from waste. Since methane has more than 25 times greenhouse effect than carbon dioxide, it's becoming extremely important to produce biomethane and use it rather than letting it escape to the atmosphere. For example biomethane can be captured from landfills instead of letting it escape to the atmosphere. Biomethane current production levels are minimal compared to the huge unused potential. It will be great if SpaceX will combine space exploration efforts, with saving the planet by boosting biomethane production. Thank all!

From: [REDACTED]
Sent: Friday, September 17, 2021 8:10 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The safety of the Starship system must be addressed by qualified experts at the FAA and at SpaceX. The public's concerns, beyond the risk of injury or destruction from rocket anomalies, are noise, beach access, disturbance of wildlife, and pollution. Each of these concerns has merit. I would argue that the low frequency of launches from Boca Chica would be such that noise would not pose a problem to human beings. If launches took place daily, then yes, it probably would. Beach access could be solved ideally by developing another route to the oceanfront. In the meantime, this issue should be no more of a concern than it is right now before any full-stack Starship launches will have taken place. Disturbance of wildlife is a legitimate worry. I don't think there's any doubt that a launch event would create a lot of noise and vibration that would impact birds and ground-dwelling creatures. It seems unlikely that However, it seems unlikely that it would cause injuries or fatalities. Rather the question is whether it would cause permanent disruption to the habits and healthy behavioral patterns of the animals. Until launches took place, I don't see how that question can be answered. A second question would be that if Starship launches did adversely impact animals in the area, is that a price that society would be willing to pay for the enormous economic, technological, and scientific benefits that the system and SpaceX's presence at Boca Chica will bring? Pollution from rockets is not really a major concern. Studies have been conducted on this subject, and considering the anticipated low frequency of launches that would take place during the testing and development campaign at the site, it shouldn't become an issue. I support the FAA's approval of SpaceX's use of Boca Chica for Strship full stack launches for the near term. Thank you for your attention.

From: [REDACTED]
Sent: Friday, September 17, 2021 10:33 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My understanding is that these 4 are prime areas of concern: 1) public safety issues (such as overflight of populated areas and payload contents); SpaceX picked this site to be as far from US population centers and to fly straight out over the ocean. 2) national security or foreign policy concerns; If the US wants to regain dominance in the space sector, let SpaceX fly and take back the sky. 3) insurance requirements for the launch operator; My understanding is that SpaceX is fully insured and it's guaranteed by the second wealthiest human alive. 4) potential environmental impact. This is one of the safest possible places to develop next generation spacecraft for the environment. Assuming the US wants to actually have the next generation of spacecraft, they'll need to be developed and launched somewhere. I'm a lot happier with that place being a remote beach on the gulf coast near our border than in the middle of a forest or field somewhere in the middle of the country.

From: [REDACTED]
Sent: Sunday, September 19, 2021 11:59 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Limiting operational Starship launches to 5 per year seems arbitrary. It makes the schedule for the NASA Human Landing System (HLS) Option A contract that was awarded to SpaceX very difficult to achieve (two HLS launches to the surface of the Moon in 2024). Increasing that limit to 8 launches per year would remove a lot of schedule risk for NASA's Artemis program to return astronauts to the lunar surface by 2024.

From: [REDACTED]
Sent: Thursday, September 23, 2021 10:47 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hurry up and approve the proposal!!

From: [REDACTED]
Sent: Tuesday, September 21, 2021 6:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Concern regarding residual LCH₄ (liquid methane) venting from Starship/Super Heavy launch. Unburned CH₄ is a significant green house gas. I strongly urge SpaceX to either recycle the remaining CH₄ or burned them completely to CO₂ before released to the environment

From: [REDACTED]
Sent: Friday, September 17, 2021 8:38 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I believe SpaceX's development of the starship in Boca Chica will not affect the local wildlife. SpaceX was actively involved in rescuing the local sea turtles last time they were frozen, so SpaceX is fully capable of protecting the local wildlife in addition. The starship that SpaceX is developing right now is unprecedented, and it could be a turning point in the history of space. It's going to dramatically expand the possibilities of space. So hopefully the FAA is looking not just at the present, but at the future.

From: [REDACTED]
Sent: Friday, September 17, 2021 12:10 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am writing to comment on the Draft PEA for SpaceX Starship and Super Heavy operations at Boca Chica, Texas. As an enthusiastic believer in our future in space, I wish to see this site become operational as rapidly as possible commensurate with public and environmental safety. As stated in the PEA, U.S. national space policy calls for cost reduction in access to space and the acceleration of human presence in orbit and beyond. I believe that the Starship / Super Heavy system is the most promising technology for advancing that policy that is likely to occur within the next five to ten years. SpaceX is an order of magnitude more advanced than any competitors in the areas of reusability and cost reduction. Human spaceflight to date has had relatively little environmental impact compared to other forms of transportation. If we accept the premise that we will be launching increasing amounts of material to orbit and beyond, this will change. Reusing spacecraft is essential to reducing overall emissions as most of the GHG and energy cost is in manufacturing, not launch. The Starship system intends to be completely reusable. Further, the use of methane fuel enables carbon-neutral operation when atmospheric carbon and water are turned into methane using electrolysis and the Sabatier process and powered by renewable energy. I share public concerns about the human impact of Starship operations in Boca Chica. There are populations nearby who stand to be affected by routine launch and landing operations and especially by anomalies. SpaceX has agreed to cover the cost of structural repairs from overpressure events and this helps alleviate my concerns as long as it is held to this promise. Further, I believe that additional road construction may help alleviate access concerns to public lands such as Boca Chica Beach during routine closures of Route 4. One proposal I have heard is the construction of a traffic tunnel between South Padre Island and the beach. These matters are not substantially addressed in the PEA. I have no specific concerns about wildlife, air quality, and water impacts and I trust that SpaceX and the FAA have thoroughly evaluated such matters. Thank you for listening. John M. Aldrich [REDACTED]

From: [REDACTED]
Sent: Monday, September 20, 2021 10:37 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I write to express my concern for the possible delays to the SpaceX launches of the Superheavy / Starship. Some of the numbers [e.g., # of engines and their power output] appear to be in error; but more importantly the proposed schedule of limited launches looks to be extremely and unreasonably low. Considering the efficiency and cost-effectiveness of using SpaceX, greater consideration needs to be given to the positive effects of having their Boca Chica, TX location in operation.

From: [REDACTED]
Sent: Thursday, September 23, 2021 11:00 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My name is Erik London I am 35 year old man out of southern California. During Covid-19 California had been so restrictive that it had forced Tesla to shutdown production of its plants. Elon Musk was so frustrated that he literally sold all of his homes and moved to a more free state, Texas. He then focused his efforts on the Austin plant because CA's heavy governance killed his desire to keep California on top. If the FAA is too restrictive why would Elon stay in America? He is doing good, by keeping jobs in America and helping us to lead the way to space. Please allow Elon to keep SpaceX here in America and unrestrained. SpaceX has already been doing more for space development in the last 3 years than Boeing, Lockheed, ULA and all of the others have been doing for the last 15 years. They have been working on their rockets since 2006, and they currently today have far less than SpaceX has done. Please do not restrict SpaceX in development in ANY way. Please allow open construction, development and flight into suborbital space and higher altitude for SpaceX specifically. This decides which country will control most of the rest of the world for the next 50 years. Freedom is what makes America the greatest place on earth.

From: [REDACTED]
Sent: Friday, September 17, 2021 8:49 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support the proposed and ongoing buildup of SpaceX's facilities in south Texas. What is being done there is not business as usual or development purely for profit's sake, although wealth and jobs will be created in the process. This is fundamentally an effort to elevate humankind, for the benefit of all people and, indeed, the earth's very biosphere. I recognize that this kind of consideration is not normally part of the review process, which is concerned with public safety and the environment, which is a public trust, and normally balances these considerations with the economic value of the project as a public good. In this case, however, the public good is far greater than the economic potential of the proposal. It goes to the survival of our species, our place in the universe, and the spread of consciousness beyond the boundaries of our planet. I encourage you to approve SpaceX's proposals. Thank you, Steven W. Gulie

From: [REDACTED]
Sent: Friday, September 17, 2021 9:36 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Sir/Mam, As SpaceX works towards reducing spaceflight costs and making like multi- planetary ,there are many key benefit of SpaceX having orbital launch allowance from Boca Chica . Some of them are :- 1). Increase in commercial investment in Boca Chica . 2). Reduction of unemployment in Boca Chica and nearby areas. 3). Increase in New business ideas (eg:- new hotels , motels , tourist spots, new key suppliers , and much more..) and increased entrepreneurship , which will help in economical growth in all surrounding areas. 4).Improvement in the "Quality-Of-Living" for all the citizens living just not there but in neighboring areas too. 5).The entire country will become the Leader in space technology and so, Boca Chica will be the "space hub" , Think about the amount of support the entire state will get to "Unimaginable !" levels . I hope there won't be any further delays in the Review process.. Thanks . Form India.

From: [REDACTED]
Sent: Thursday, September 23, 2021 11:45 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let's get out of Space x way and let them innovate. This is the biggest undertaking in modern history. They should not be hindered by stupid red tape like this. This should be done to make sure the human race can survive.

From: [REDACTED]
Sent: Friday, September 17, 2021 8:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The environmental impact on the wildlife refuge cannot be any greater than the Kennedy Space Center impact on Cape Canaveral. Please allow this leap for mankind.

From: [REDACTED]
Sent: Friday, September 17, 2021 9:54 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Assuming that there will be an asteroid with a diameter of 20km hitting the earth in 2030, who has the ability to save all this? Obviously it does not exist, but we can let the seeds of civilization continue. I believe that apart from SpaceX, no space agency can send many people to Mars. Maybe only a few hundred thousand people can go to Mars. Everyone else will die, but the human civilization The survival probability is no longer 0%. The advantage of the starship is that it has the payload of the Saturn V, but the launch cost is only 1% of the Saturn V, and the starship has a higher launch frequency to meet more mission types. With Starlink, solar equipment, and Tesla, those hundreds of thousands of people will develop Mars with higher efficiency. I mean, starships are so important to increase the probability of human continuity. The starship test has little impact on the surrounding environment. In contrast, the replication of human civilization is more important. You know, without starship, the tests of other traditional rockets will still affect the surrounding ecology. I think faa has seriously hindered the development speed of SpaceX. Now SpaceX's research and development speed is more than 5 times that of traditional rockets. If faa does not interfere too much, SpaceX The speed of research and development will be greatly improved on this basis. In addition, even if there are no asteroids and no catastrophes, isn't it important to explore space and new energy sources? Therefore, I think faa should not be so strict. The earth's environment has already been destroyed. In contrast, Boca Chica's ecology is not worth mentioning. If you want to care about the environment, please don't be limited to Boca Chica, but protect the entire earth.

From: [REDACTED]
Sent: Thursday, September 23, 2021 12:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I think that SpaceX should lunch Starship number 20 with the Super Heavy booster number 4 as soon as possible.

From: [REDACTED]
Sent: Friday, September 17, 2021 9:05 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support SpaceX for a number of reasons and I fully understand the environmental implications. SpaceX is not destroying the ecosystem, plants and animals can and do recover from the disruption of their environment. The advances in technology that SpaceX directly or indirectly creates will benefit humanity for 100s of years. The competition in the industry because of SpaceX has already bore fruit. These are just a few reasons I believe SpaceX should be allowed to continue their projects in Boca Chica Texas. Dennis Shoemaker New Mexico 78051

From: [REDACTED]
Sent: Friday, September 17, 2021 11:31 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA reviewer, I'm writing to voice my support for the development of SpaceX's Starship and Superheavy program at Boca Chica, Texas. I urge the FAA to consider the program from a long term and holistic point of view. Throughout human history as a species, we have always expanded into new territories and with a growing global population there will be a continued need to expand our access to new sources of resources. Expansion into the solar system is I believe a key endeavour we must accomplish as a species, otherwise we will surely end up ruining this finite Earth with our growing needs and demands. Long term by opening up access to the solar system for our species, we will be better able to protect Earth and it's environment by pushing mining and heavy industries off world. Industrial colonies on the moon can harvest abundant Helium 3 resources to support fusion energy plants here on earth. A Mars colony can support mining the asteroid belt for rare elements needed for batteries and other industries. Orbiting colonies can be a highly efficient industrial machine as the environment of micro-gravity can make heavy industries more efficient. There are many benefits to our species by going off world and will take pressure off of Earth's environment to support our expanding species needs and demands. The Starship program is a vital first step towards making this future a reality with its capability to deliver large volumes of cargo into LEO and beyond at a low cost and high launch cadence. It has the potential to save us as a species and the potential to save the Earth from us. With this in mind I urge the FAA to consider the long-term benefits and the future that this program can help create for us all. Thank you for your consideration and taking the time to review my comments. Kind regards Gohta Shiraishi

From: [REDACTED]
Sent: Thursday, September 23, 2021 1:00 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To Whom It May Concern: The impact of the SpaceX Superheavy program on the trajectory of humanity and our evolution as a species should be taken in to consideration here. While it is true that there will be short term environmental impact, as demonstrated in the documentation, the significance of this project far outweighs it. Thank you, Benjamin D. Wolfe

From: [REDACTED]
Sent: Saturday, September 18, 2021 5:35 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, after reading all of the documents provided by SpaceX and following the SpaceX Starship program carefully that is taking place at Boca Chica Texas, my wife, myself and our three children all agree that this is one of the the most important projects happening in the world in 2021. We are convinced that SpaceX will have no lasting environmental impact in Boca Chica and understand that SpaceX will eventually be taking most launches off shore in the future. To hold up or cease further testing for SpaceX at Boca Chica would be a major setback for the quest to make humanity a multi planetary species. Even though we are in Australia, we have watched online daily updates of the progress of Starbase evolve with great haste but also with careful planning. Most importantly, the total reusability and development of the raptor engine leaves next to no waste or air pollution. We are absolutely in favour of the SpaceX Starship program testing to continue at Boca Chica Texas. Kind regards, Paul and Zabrina Vassallo [REDACTED] Perth Western Australia

From: [REDACTED]
Sent: Thursday, September 23, 2021 1:04 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

These miles of government red tape are how Russia and China will end up on the moon before us and give America another slap in the face. Our late president JFK is rolling over in his grave right now. We have the chance to take the lead in space right now and I'm sure some big money from special interest groups are going into slowing SpaceX progress. The government needs to stop interfering and get on board for the betterment of our country.

From: [REDACTED]
Sent: Saturday, September 18, 2021 3:03 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, SpaceX is one of the most exciting things that happened in recent history. The excitement and the pace of innovation they brought back is unprecedented. All of us, not just the US citizens who finally have a chance to see great things happening in our life time but we as humanity. While safety is important, please help SpaceX to do it right but please don't reduce to political or bureaucratic games if it ever comes to that. We need to keep those advancements at high pace even though there will be failures and explosions along the way. Those frogs and birds are important but we need to get out there in space and there is one company that leads the way and we need to help.

From: [REDACTED]
Sent: Saturday, September 18, 2021 5:38 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, after reading all of the documents provided by SpaceX and following the SpaceX Starship program carefully that is taking place at Boca Chica Texas, my wife, myself and our three children all agree that this is one of the the most important projects happening in the world in 2021. We are convinced that SpaceX will have no lasting environmental impact in Boca Chica and understand that SpaceX will eventually be taking most launches off shore in the future. To hold up or cease further testing for SpaceX at Boca Chica would be a major setback for the quest to make humanity a multi planetary species. Even though we are in Australia, we have watched online daily updates of the progress of Starbase evolve with great haste but also with careful planning. Most importantly, the total reusability and development of the raptor engine leaves next to no waste or air pollution. We are absolutely in favour of the SpaceX Starship program testing to continue at Boca Chica Texas. Kind regards, Paul and Zabrina Vassallo [REDACTED] Perth Western Australia

From: [REDACTED]
Sent: Thursday, September 23, 2021 1:55 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I have reviewed the draft, and I am in favor of SpaceX's ongoing plans. Please provide the license. Sincerely,
James M Sims

From: [REDACTED]
Sent: Saturday, September 18, 2021 3:18 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

[REDACTED] Hello - For me its pretty straight, Taking leap into building a future with SpaceX super heavy program test site and at the same time protecting the nature/environment that is thriving at Boca Chica. My question is which area is suitable for these kind or is there a standards to meet? How are the standards set? I always feel we should consider people who live near Boca chica to comment than me sitting 1000 mile away to comment. I can easily say spacex program is super essential if I dont live in Boca chica or have some equity in Tesla stock. I will leave it to authorities to seek conscious decision in this aspect keeping broader take on when we pick some sites for these activities that impact nature.

From: [REDACTED]
Sent: Saturday, September 18, 2021 5:55 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, my name is Paul Yolles, I am a resident of Houston TX, and airline Captain. I strongly support SpaceX's development of Starship and Starbase in Boca Chica for several reasons. First, I believe that Elon Musk and his companies, (namely SpaceX and Tesla) have done more than almost any single entity to drag our wasteful and polluting society toward a clean, sustainable, and better future. Tesla, with its massive acceleration of electric cars and solar/battery adoption, and SpaceX with its democratization, commercialization, and mastery of space. Musk single-handedly has taken responsibility for two of humanity's most intractable problems. Both of which could have dire consequences for the future of our planet. Sustainability and making humans a multi-planet species. And unlike many before him, he is making unbelievable progress. Real progress, meaningful progress, as opposed to the incremental kind that his predecessors have made in search of a quick buck or political favor. In short, Elon will sacrifice everything for this mission because he cares. Actually cares...about the future of humanity and making it better, and in a word, survivable. Elon's history illustrates his pure intentions undeniably, and he should be allowed the chance to well, save humanity from ourselves. I wish I was being hyperbolic, but understanding the collective human failings of the past decade's events I'm sure a part of you understands that I am not. Second, the Gulf Coast and Gulf of Mexico are dotted with hundreds of wildly-polluting and catastrophically leaky oil platforms and refineries who regularly spill millions of gallons of oil and occasionally set the gulf on fire decimating local species and poisoning our atmosphere and our beaches. Compared to this federally approved human disaster of an industry, SpaceX's Spaceport and launch facility's environmental impact pale in comparison. Consider the cost/benefit analysis. Drilling and refining oil which undeniably decimates ecosystems (and has killed and poisoned countless human beings) to simply be burned in antiquated and soon-obsolete internal combustion engines vs. the launching of Starship which has a 1/1000th of the human risk and ecosystem impact, so that humans can become a multiplanetary species, inspire the planet, and create an unfathomable level of new commerce. I don't know about you, but when I wake up in the morning, one of these things makes me proud to be a member of the human race, and one of them does not. In conclusion, I ask that you please approve Starbase expeditiously, and knowing the FAA and your reasonable, science-based approach (that I am very familiar with) I believe you will! Sincerely, Captain Paul Yolles

From: [REDACTED]
Sent: Thursday, September 23, 2021 2:34 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I support any plans submitted recently and in the future that allows SpaceX to advance the USA's presence in space, on the moon, and Mars. As well as the exploration of the solar system. The FAA should not hinder SpaceX's progress with any limitations on them. Please help Americans stay ahead in the space race as China & Russia are not stopped by departments like the FAA. Thanks, Mark

From: [REDACTED]
Sent: Saturday, September 18, 2021 6:59 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I strongly support the development of SpaceX Boca Chica launch facility. Elon Musk has done more to help our environment than any other person in our generation.

From: [REDACTED]
Sent: Saturday, September 18, 2021 10:38 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category, Orange Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The significant benefits of the effort to reduce the costs of space exploration are overwhelming. The local environmental impact on animals and habitats in this coastal area should be measured and mitigated but are expected to be similar to the effects near Cape Canaveral, Florida. The effects should be much less as SpaceX does not use Kerosene or other rocket fuels. This guarantees that the local environment will not be harmed by a leak (spill) or a crash. (The negligible effects of the tiny amounts of Methane and Carbon Dioxide to the amounts of greenhouse gases produced by combustion engines or energy sources need to be kept in perspective. A single natural gas power plant may run without 100% of power use, slightly more efficiency in power use would outweigh SpaceX effects.) Also, SpaceX is developing the Sabatier Method for reclaiming CO2 for methane creation on Mars. Noise pollution: the significant sound created by rockets is similar to the sounds at Cape Canaveral. The need for road closures and efforts to limit impacts on animals are recommended. An effort to scare away birds (sounds) and to fence off areas to large mammals and reptiles could be considered. Again, this is a relatively small area of effect in a pretty remote area. It is nearly ideal to limit effects and risks for something that is so important. Giving support for rerouting beach traffic is possible. The numbers of people who were going to the effected beach prior to SpaceX going to Boca Chica is what needs to be compared. Prior to the size increase of Boca Chica this must have been a very small number. The effort make humans multiplanetary may save mankind. Imagine the environmental impact at Boca Chica against a planet killing asteroid that we are currently barely able to detect let alone protect against. The efforts of SpaceX May save humanity. We need to support them urgently. I hope you will support SpaceX's efforts. Ed Kaine Stratford, Connecticut, USA

From: [REDACTED]
Sent: Thursday, September 23, 2021 2:39 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

This is a Matter of Defense. China and Russia are racing to own space, we have no choice but to get there sooner. If you are worried about the environment, open your eyes and see a greater threat to our Nation. PLEASE GRANT SPACEX permission to proceed with haste. John Donnelly [REDACTED]

From: [REDACTED]
Sent: Wednesday, September 22, 2021 7:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Just as the Kennedy Space Center is a wildlife refuge, there is no reason Boca Chica can not be the same. SpaceX has made a commitment to protecting the environment, it would be a shame to hold back the only company trying to make us an interplanetary species with more Federal red tape. After all, the Federal government does screws up everything they touch. Stop holding up the future of mankind with unnecessary and wasteful bureaucracy .

From: [REDACTED]
Sent: Monday, September 20, 2021 8:19 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Purple Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Sustainable development is the great challenge of this century and a nimby attitude is an enemy in this regard. While tacking all the possible mitigating actions is in order, the Starship represents a quantum leap in the space exploration and space economy (not to mention the local economy) hence the program must be supported. Also the Starship system is way more sustainable than Falcon 9 and Falcon Heavy rockests. First of all it uses methane, which, unlike kerosene, after combustion only leaves water vapours and Co2. Moreover, a fully reusable rocket drastically reduces the problem of space debris and the overall carbon footprint with respect to expandable or even partially reusable rockets. A massive solar farm would further reduce the carbon footprint of the initiative. As for protecting endangered species, I would suggest to require spaceX to play and ACTIVE role, rather than simply to provide mitigations. I think SpaceX should be required to donate part of its annual profits on initiatives for preserving and improving the surrending habitat and preserving biodiversity.

From: [REDACTED]
Sent: Thursday, September 23, 2021 3:41 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, SpaceX is an American company and re-creating our claim to space. I am 100% behind them and so should you be. Thanks, Jason Atwood [REDACTED]

From: [REDACTED]
Sent: Wednesday, September 22, 2021 8:17 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern: I'm beginning to doubt if we would have ever gotten to the moon if NASA had ever had to answer to these ridiculous regulations back in 1969? Go to Boca Chica Texas! I have! Many times. We're talking about a desert. Almost lifeless. A tidal flat and some cactus, much like most of the south Texas coast. A few wild pigs and lizards and common seabirds. A few turtles that will never notice SpaceX. There is hundreds of miles both north and south of the same terrain and wildlife. I'm fairly certain that allowing SpaceX such a monumental leap forward in our species reach into the cosmos will not change the local environment, such as it is, one iota. There are hundreds if not thousands of square miles of equally useless land populated by the same useless creatures that will be unused and un-affected by SpaceX activities for millennia to come. Please allow our civilization to take a bold step into the future. This is more important than you can imagine to the ultimate survival of our species. If we don't survive, the turtles and pigs and lizards in Boca Chica won't really matter! Thank you for your time. Regards George Ackerman [REDACTED] [REDACTED]

From: [REDACTED]
Sent: Thursday, September 23, 2021 3:58 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I write in favor of approving the SpaceX Boca Chica TX EAP. I have been watching the advancement of science and technology and U.S. capabilities in space by SpaceX for many years. I believe approving this environmental assessment is of significant importance to our nation and to the advancement of humanity generally as a spacefaring civilization. Thank you, Stephen A Ognibene Lynbrook NY

From: [REDACTED]
Sent: Thursday, September 23, 2021 11:22 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I find SpaceX to be a responsible to the community and environment. They have bought up most close in properties and provided for those who did not sell during testing and launch tests. On the environment I will point out during a tropical storm hundreds of SpaceX employees were given the time and volunteered to save the sea turtle population that were flooded out of their home for an extended period and also did not trespass a wetland after an explosion during testing except for people manually removing scrap until it dried sufficiently to move equipment in to clean up the rest (all only stainless steel scrap that did not seem to affect wildlife. The overwhelming majority of the community is not only supportive of SpaceX but also were invited (those able) to work for them either directly or in a supportive role to document all activities and changes to the landscape. Respectfully David C Lane

From: [REDACTED]
Sent: Thursday, September 23, 2021 4:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in full support of the Starship Program. The future and fate of humanity relies on us becoming a multi-planetary, space-faring species. We cannot achieve this crucial ambition without Starship, as no other rocket is currently capable of flights to and from Mars. Excessive government regulations of SpaceX as it develops Starship is hindering it's development, and the FAA needs to approve launches quicker and more efficiently.

From: [REDACTED]
Sent: Thursday, September 23, 2021 4:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I feel that the minimal impact to the area surrounding the SpaceX facility in Boca Chica, Texas, is more than offset by the profound vision of making Humanity a space-faring race as well as improving our odds of survival should an ELE (Extinction Level Event) occur, which is frighteningly likely. Government regulations need to be trimmed and streamlined to allow SpaceX and other space-seeking endeavors to proceed at the speed they are able to innovate. We dare not impede them, as they may very well save us from our own short-sightedness.

From: [REDACTED]
Sent: Thursday, September 23, 2021 4:29 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow more sub orbital flights than 5 flights year. I really feel as though you want space x to not Succeed.!!!

From: [REDACTED]
Sent: Thursday, September 23, 2021 4:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I might be reading some of the draft incorrectly, but it seems like this is designed to slow SpaceX down. Why not give them an initial go ahead for actually getting close to some of their goals? It seems to me that their goals align with the goals of the USA, NASA, and improving the country and should be supported if there isn't a reason to stop them. Some of the concerns seems like they could be addressed in an ongoing manner rather than to cripple their operations while you punt our space program into the future to try to figure it out. You even have items to mitigate the major concerns. Please increase the frequency of the flights to something more reasonable than 5 per year. Maybe 5 per month would be doable. I would even be good with a starting limit of 2 per month of operational flights as that matches up with the Falcon 9 average in 2020. If they want to do more in the future, then they can apply for a new review. Thank you

From: [REDACTED]
Sent: Thursday, September 23, 2021 5:17 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, I am writing to urge you to finalize and approve, with urgency, the Draft PEA to allow SpaceX to begin launching Starship from Boca Chica TX. SpaceX is attempting a very important task for mankind and has made incredible progress over the past 20 years. Much of their success is due to the fact they can move very quickly and efficiently and they do this extremely well. I respectfully ask that you do your absolute best to maintain this momentum that SpaceX has created. It would be an absolute tragedy to force SpaceX to look for other alternatives and I do not need to point out that many governments would love to see that happen. I do not expect SpaceX to slow down because of the government's slow response and therefore my concern for the United States and its citizens. I urge you to do what is best for America and do so quickly. Thank you for your time and consideration. Best regards, Kevin Gillespie Entrepreneur and Business Owner Retired pilot, American Airlines Visalia, California

From: [REDACTED]
Sent: Thursday, September 23, 2021 5:25 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Spacex is doing critical work in Boca Chica to get humans to Mars. They need to be granted sufficient launch frequency to make that happen.

From: [REDACTED]
Sent: Thursday, September 23, 2021 5:37 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, Hello from the east coast of Canada! I am writing this to show my support for Space X/super heavy launch/Elon Musk. I believe in what Elon Musk is doing and I do think we need to be a multi planetary species. I think he should have the full support of the US government and have help in fast tracking his space projects. If he can attain this monumental goal he has set out to accomplish, it would appear that he is more than capable of doing so, human kind should do anything and everything in their capabilities to facilitate him. Please help Elon as much as you can before he dies. We have all been blessed to have his most excellent mind. Time is something that is not in abundance. Thank you in advance, Mark

From: [REDACTED]
Sent: Thursday, September 23, 2021 6:02 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

This is to support the planned space activities of SpaceX on their Boca Chica, TX, location. The people behind SpaceX are known for their being protective of the environment, just look at the mission statement of Tesla Motors, another company owned by the same principals as SpaceX. Please do not delay any further this procedure. In fact, please accelerate the processing and approval of ALL requirements for the good of mankind. Thanks. JTA23Sep21

From: [REDACTED]
Sent: Thursday, September 23, 2021 6:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern: I believe you are unnecessarily throttling the development and implementation, to include flight schedule of the Starship program at the BocaChica SpaceX StarBase facility. As your well aware, SpaceX was awarded the human lander contract from NASA. Quite frankly, your slow and overtly bureaucratic approach as per "approval", will cause unnecessary delay, and may become the single reason that China lands humans on the moon in this new era, before the US. One wonders if the overly lengthy approval process is designed merely to appease the old guard launch companies, in an attempt to throttle innovation and cause the Artemis program to be severely delayed. I wholeheartedly agree with Mr. Musk, your space regulatory agency is woefully understaffed, and thoroughly unprepared to handle the present speed of technology and innovation, let alone what the future will bring. Your agency is severely broken, and frankly, mired in the past while being unable to evolve to keep pace with the rapid change of development. You should already have a fully staffed office at BocaChica that is prepared to accept these challenges, while keeping abreast of the rapid development process that the present and the future require. Why are you thumbing your nose at SpaceX, at NASA, and at the newly formed SpaceForce, who all require the use of Star Ship, in order to maintain superiority in near Earth orbit, and up the gravity well? Your too entrenched in the past, and the budget busting cost overruns that required decades to milk contractual obligation, along with the hundreds of billions spent on wasteful, single use space systems. It leaves me wondering if your intransigence is purposeful, and your plodding methodology is by design. Are you truly up to the requisite challenge? Or will you be known historically as the singular entity that caused the loss of excellence, and space superiority, and "the high ground"? All because you refused to evolve into an agency who looks forward and rises above the petty foot dragging of the present. I think I can guess which side of that particular conundrum coin you'll choose to inhabit. Perhaps you'll prove me wrong. Thank you

From: [REDACTED]
Sent: Thursday, September 23, 2021 6:54 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello myself and my family are highly support SpaceX and all that they are doing. It's exciting to see the USA back in the space race and this time taking it far beyond expectation to try to get to Mars. We are on the west coast and are planning a trip to Boca chica to actually watch rocket launches and visit the campus. SpaceX and all that they have been doing have made my young girls very excited about being scientists. Please allow them to continue operating and push our nation into the forefront in space exploration.

From: [REDACTED]
Sent: Thursday, September 23, 2021 10:01 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

Categories: Green Category

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow SpaceX to fly Starship. Any pollution created is worth it.

From: David Ramirez <[REDACTED]>
Sent: Friday, September 17, 2021 6:34 PM
To: SpaceXBocaChica
Subject: Grant SpaceX Boca Chica Launch Site All Necessary Permits and Licenses

Categories: Green Category

To the FAA or rather the future Federal Space and Aviation Administration,

No vision as large as that proposed by Starbase Boca Chica can come without concerns or policy issues related to the environment, public safety, national security, government agencies, foreign policy, insurance, and the like. However, those issues and concerns are more than offset by the unique and potentially ephemeral opportunity to make life interplanetary. Starbase offers a breathtaking opportunity to preserve life and humanity in a manner never before possible. This has the potential to surpass efforts like the Svalbard Global Seed Vault or the many zoos and conservatories across the globe in their life saving capacities. And the impact on preserving human life and the humanities in a larger celestial sphere is deeply inspiring. Let us expand the frontiers of the human condition and life's reach and protect it in every way possible; this included. So in the interest of life, humanity and the FSAA please grant these permits to SpaceX.

Thank you for this comment period,
David Ramirez

From: Jamie Hogan <[REDACTED]>
Sent: Monday, September 20, 2021 8:53 PM
To: SpaceXBocaChica
Subject: I fully support the Space X flights and DO NOT want red tape delaying their development.

Categories: Green Category

I fully support the Space X flights and DO NOT want red tape delaying their development. It is imperative that the FAA does not block USA development of space due to red tape!!

Jamie Hogan

[REDACTED]

[REDACTED]

From: Boysie Kevill <[REDACTED]>
Sent: Wednesday, September 22, 2021 1:57 AM
To: SpaceXBocaChica
Subject: i have a query for you chaps

Categories: Purple Category

Hello Space X, Boysie here

Im very proud of your work. We all are, you guys and gals are finally giving humanity an opportunity to be hopeful

Anyway I was wondering

Small to medium Objects (Space Debris) that fall through earths atmosphere get burnt up as they descend and thus neutralising it from causing harm. If there is little to no atmosphere on Mars which thus means objects falling to Mars would not get burnt up and neutralised. Wouldn't or couldn't this cause a problems if you created a base. Undoing all your work and, damaging the base, setting you back and costing what i'm sure would be a lot of money?

This question has been burning in my mind!

Thanks Space X and thanks Elon

From: Rebecca Fischer-Hill <[REDACTED]>
Sent: Saturday, September 18, 2021 6:48 AM
To: SpaceXBocaChica
Subject: I support SpaceX.

Categories: Green Category

As a Texan, I support SpaceX in their endeavors to improve our access to space. Their work is important to improve our technology and it will ripple through other sectors including medical, slowing climate change, and life improvement in general. The location is the best we in the US have to offer for such an endeavor as to have minimal impact on the environment.

Thanks, Rebecca

From: Roger Boone <[REDACTED]>
Sent: Thursday, September 23, 2021 1:18 PM
To: SpaceXBocaChica
Subject: I would like starbase opened for spacex!!

Categories: Green Category

I am writing to let you know what I think about operating starship launches in this area. I don't see how any where you try and set up a facility like this will be friendly to the environment but I think we cannot stop progress so I would like you Gov types to get out of the way and let starships fly!! Thank you in advance!! Roger Boone

From: Matthew Chakov <[REDACTED]>
Sent: Friday, September 17, 2021 7:10 PM
To: SpaceXBocaChica
Subject: In Favor of Approving Environmental Assessment

Categories: Green Category

Hello,

My name is Matthew Chakov and I am a U.S. citizen writing in favor of the approval of this draft Environmental Assessment and an eventual launch license. I have been closely following the development of Starbase and the Starship program and what SpaceX is undertaking is one of the most important and ambitious technological campaigns in history. If they succeed, they will not only be forwarding the interests of the United States, but they would be forwarding humanity as a whole. Making like multiplanetary would surely be one of the greatest accomplishments in human history, but the truly incredible thing is that while some of the benefits to this development are known, it is very likely that some of the biggest benefits to this massive development are unknown (with the development of the initial space program, many of the benefits to space travel/development were unknown when it started).

I have read the draft environmental assessment released earlier today and I was excited to see that for the vast majority of the different categories being rated, there was a finding that there would not be a significant impact by SpaceX's operations in the area. When it comes to SpaceX's impact on certain species and habitats in the area, I sympathize with the people and the groups who are worried how further construction and future launches might affect the biological resources. However, I was extremely satisfied with the sheer variety of mitigation measures that SpaceX is willing to put into place in order to reduce any disruption to the ecosystem.

Considering the significant resources that SpaceX is willing to dedicate to ensure they reduce any disruption to the ecosystem to as little as possible and the overwhelming benefits of Starship to this country and to humanity as a whole, I urge the FAA to act expeditiously to both approve the environmental assessment and move forward to licensing Starship to fly out of Starbase.

Thanks for your consideration,

Matthew Chakov

From: Leah Malmos <[REDACTED]>
Sent: Friday, September 17, 2021 12:59 PM
To: SpaceXBocaChica
Subject: In Support of SpaceX Boca Chica site

To Whom it may concern,

I think the Boca Chica location for SpaceX operations and potential launch is absolutely essential to the fastest path to settling Mars.

Special consideration to abate the liquified natural gas and protect the wildlife in the wetlands should be tantamount. These should not be impediments to this location but more thought as site requirements.

This is most southerly continental US location which keeps it out of most of US airspace. It also has a prime ocean location to take advantage of future oceanport structures.

Starbase, Texas is literal center of the universe for making our human species multi-planetary. I hope you choose to allow SpaceX to continue the mission with the appropriate concessions for wildlife and resources.

Thank your for listening,

Leah Malmos

Sent from my iPhone

From: Zeyd Tatli <[REDACTED]>
Sent: Friday, September 17, 2021 7:48 PM
To: SpaceXBocaChica
Subject: In Support of SpaceX's Starship Program

Categories: Green Category

SpaceX and their Starship Program is a fundamental step in making our species Multiplanetary. Starship will allow humans to establish sustaining colonies on The Moon, Mars, and Beyond. Having Colonies / Civilizations on other planets is the only way to ensure or at least increase our chances of long term survival as a whole. Having the entire human race on one planet is a huge risk in the extinction of our species. Take for example the Dinosaurs. If they had had Dinosaurs on multiple planets at the same time, only those of which on Earth would have been killed, leaving the Dinosaur species to live longer.

SpaceX has made extreme technological advancements and are already far in progress in Boca Chica TX. Not allowing SpaceX to conduct orbital launches from Boca Chica TX would mean they would have to move all equipment that is stationed there, as well as all of their employees currently working and living on site. Not to mention the amount of money it would cost SpaceX to deconstruct their 400ft Orbital launch Tower and current Starship and Superheavy Vehicles.

Starship is also a key factor in the development of NASA's Artemis program with SpaceX recently winning their HLS (Human Landing System) Contract. This contract gave SpaceX \$2.89 Billion to test and develop the Starship vehicle.

The Starship Program is already well established in Boca Chica TX. With 8 test flights that have already been conducted. These flights include: Starhopper, Starship Serial Number (SN) 5, SN 6, SN 8, SN 9, SN 10, SN 11, and SN 15. Between these 8 flights SpaceX had demonstrated their ability to rapidly Build, Test, and Modify these Vehicles as well as proving that a Starship Vehicle can land with its unique technique (demonstrated with Starship Serial Number 15)

In the end, The Starship Program is key to the long term survival of the Human Race as a whole. Starship will also be able to provide much faster travel here on Earth with suborbital flights, these flights would be under an hour and be able to bring people and goods to and from different parts of this planet.

From: David Hatch <[REDACTED]>
Sent: Saturday, September 18, 2021 7:23 AM
To: SpaceXBocaChica
Subject: Let SpaceX fly

Categories: Green Category

This is an important step forward in our American and global economic development. It will project American power and display our unique innovation capabilities. Americans are at their best when conquering new challenges. We need better challenges, not better enemies and this is an inspiring opportunity to create better challenges to inspire young engineers and imaginations of all ages.

This is the next generation of flight. It requires regulation and oversight and will require the FAA to adapt, line it did for the jet era and discount deregulatory era of flight from the 1980's. This will likely require an ongoing and growing role for the FAA, helping guide transportation beyond commercial flight.

The development of a space port for inland from our our ocean borders in California and Florida is important to our national defense, as well as industry. Building a new spaceport outside of our primary California Florida bases provides new industry and commercial growth and a new engine for our economy and pillar of our defense.

As a voting citizen and, in this election, Biden supporter, I'm strongly in favor of SpaceX approval for flight and expansion in Texas.

Respectfully
David d Hatch
6th Congressional District, Illinois

From: Batts, Shauna
Sent: Thursday, September 23, 2021 9:59 AM
To: SpaceXBocaChica
Subject: mail
Attachments: SpaceX.pdf

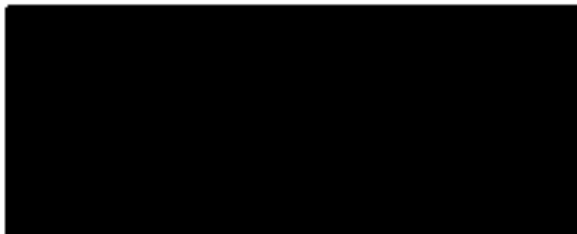
Categories: Green Category

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]



PORTLAND OR 972
20 SEP 2021 PM 4 1



Ms. Stacey Zee
SpaceX PEA, c/o ICE, 9300 Lee Highway
Fairfax, VA 22031

22031-608089



Ms. Stacey Zee
SpaceX P.O. Box 101, 9500 Lee Highway
Fairfax, VA 22031

[REDACTED]

The New Progressive Alliance at <http://www.newprogs.org/> congratulates the FAA on its thorough, fair and comprehensive draft environmental review for the proposed SpaceX program in Boca Chica, Texas. We urge the FAA to accept SpaceX construction and activities at Boca Chica. We oppose activities causing damage to the environment such as land fill, fossil fuel expansion, and fossil fuel subsidies not legitimate industrial activities. We think these SpaceX activities do not constitute an environmental danger and should be supported.

The FAA's evaluation of a permit or license application includes a review of 1) public safety; 2) national security or foreign policy concerns; 3) insurance requirements for the launch operator; and 4) potential environmental impact. We will comment on one, two, and four.

Public Safety Issues

Space X will use Operations Closures as described in S-3.8 and the extensive Mitigation Measures as described in Table S-4 to maximize safety. SpaceX has shown with extensive activities since 2002 that it values safety and testing to validate its space activities. SpaceX activities pose no significant public safety issues.

National Security or Foreign Policy Concerns

We put humans on the moon in 1969 - over half a century ago. There is no physical law or history guaranteeing we will forever maintain that lead. An ever increasing number of countries are using and even launching satellites and space probes. Despite this, SpaceX remains the only United States company that has reached orbit not based upon decades old designs. We need to move beyond legacy space. We are to remain competitive. SpaceX's activities at Boca Chica are the best and only chance for the United States to maintain its position as a leader in space.

Potential Environmental Impact

The New Progressive Alliance agrees with S.5 Summary of Environmental Consequences. SpaceX operations have a negligible effect on the environment. What we oppose is the continual expansion of and giving huge subsidies to fossil fuels.

We support SpaceX construction as described in S.4.9, specifically the solar farm. Solar energy has proven to be effective in reducing greenhouse gases. See part 18 of this reference for documentation:

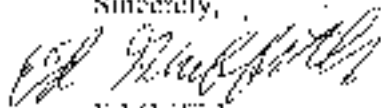
http://www.newprogs.org/the_environment_under_the_democratic_republican_campaign Other construction activities.

Conclusion

Since Space X has an almost 10 year record of innovation and reliability. Their emphasis on reuse means less environmental consequences, less cost, and greater reliability.

Certainly there are uncertainties, but this draft environmental review does an excellent job of setting out the likely parameters. SpaceX has shown both ability and a commitment to adjust to changing conditions. The New Progressive Alliance urges the FAA to accept SpaceX construction and activities at Boca Chica.

Sincerely,

A handwritten signature in black ink, appearing to read "Ed Griffith". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Ed Griffith
New Progressive Alliance

From: Batts, Shauna
Sent: Thursday, September 23, 2021 9:58 AM
To: SpaceXBocaChica
Subject: mail
Attachments: SPACEX.pdf

Categories: Green Category

Hello

Hope all is well, we are notifying recipients when mail is received in ICF HQ Mail Services.

See attached-

SHAUNA BATTS | Supervisor, Mail Svcs. | [REDACTED]
[REDACTED]
[REDACTED]



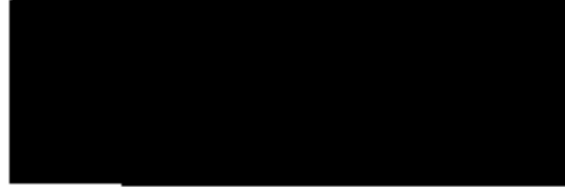
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20 SEP 2001 00:00
OF THE
STANDARD
SECTION

Mr. C. Stacey Lee
SpaceX ~~TRIA~~ ~~TRIA~~
c/o ICF, 9300 Lee Highway
Fairfax, VA
22031

22031-805709

Officially Certified Information Technology

Mountain Yu RV Park and Cornville Storage



Sept 20, 2021

Ms. Stacey Zee
SpaceX PEA
c/o ICF, 9300 Lee Highway
Fairfax, VA 22031

Public Comment on Draft Environmental Review of SpaceX Starship/Super Heavy Program

Dear Ms. Stacey Zee:

SpaceX at Boca Chica has and will be taking good care of the local area, they care deeply in my opinion. Sam Patel, Starbase facility director, is a strong environmentally minded and passionate about conservation and science. The company and employees have and will continue to work hard funding and personally help the animals and local flora & fauna – for example during last year Texas freeze and a devastation power failure endangered sea turtles. SpaceX donated a massive generator to Sea Turtle Inc of South Padre Island to maintain heat and water flow to thousands of rescued sea turtles.

SpaceX's presence at Boca Chica will, of course, impact the area but so does so many other large projects such as thousands of miles of oil pipelines which can and do spill into rivers, etc. Also oil rigs leaking and exploding such as the Deepwater Horizon, fossil fuel stored in very large tanks at gas stations in the middle of neighborhoods across this nation, some have exploded and so many other massive projects in this country.

All environmental impacts must be addressed everywhere: even around Cape Canaveral where there is a rich population of animals and flora & fauna. This being said -- I cannot think of another company that has and is working harder to address environmental issues than SpaceX and not wasting this planet's resources with the reusable progress they are making in the making of their rockets.

Everybody needs to get better at caring for this planet but we also need to move forward in getting into and learning to live in space. This planet, Earth, could very well depend on us doing so and SpaceX is leading this effort.

Thank you for your consideration.

Sincerely,

Evelyn Vollmer



From: Mary G <[REDACTED]>
Sent: Thursday, September 23, 2021 4:01 PM
To: SpaceXBocaChica
Subject: Orbital launch

Categories: Green Category

To FAA

Please allow Space X to continue working toward orbital launch of Starship. Do not hinder in any way progress toward launch attempts, static fires or testing needed to accomplish the Space X mission.

Best regards

Mary Germer

Sent from my iPhone

From: richard schumacher <[REDACTED]>
Sent: Monday, September 20, 2021 8:32 AM
To: SpaceXBocaChica
Subject: PEA

Categories: Purple Category

Require SpaceX to buy additional land and donate it as wildlife refuge.

From: Careful Moving Services <[REDACTED]>
Sent: Tuesday, September 21, 2021 11:35 AM
To: SpaceXBocaChica
Subject: Please let the starship fly as soon as possible

Categories: Green Category

Please let space x colonize mars and launch their big rockets to advance the space industry. space travel hasn't been progressing for 50 years because of how expensive it is. This is the first time we have something to get excited about when it comes to space travel. It's going to be done eventually anyway so why not be on the right side of history.

Dan Ewall

From: John Voorhis <John.Voorhis@spacex.com>
Sent: Thursday, September 23, 2021 8:37 PM
To: SpaceXBocaChica
Subject: Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site

Categories: Green Category

Greetings....

I want to state how important I feel SpaceX is to our future nationally and internationally. We can not stay stuck in the past as will happen over decades of time. Not approving future launches will setback years of potential innovation. Examples of lack of progress surrounds us with the crusty old corporations (Boeing, GM, Chevron, ...) and bureaucratic systems that tie the hands of potential explorers.

Environmental issues are extremely important but can't be used to stop progress in a future that will allow us to explore the universe. I've watched SpaceX grow quickly and choose locations that are necessary for growth. In my opinion the impact is limited to a very narrow, concentrated area and is worth the potential rewards that will provide more benefits environmentally universally.

Limiting SpaceX progress now could bring a slowdown/halt for years, of new discoveries in science outside our speck of a planet Earth. We have a narrow period of time available, don't let it become stale

Thank you

John Voorhis

1. **Identify the main topic**
 2. **Summarize the key points**
 3. **Highlight the main findings**
 4. **Conclude the summary**

From: Taylor Dihel [REDACTED]
Sent: Thursday, September 23, 2021 8:55 AM
To: SpaceXBocaChica
Subject: Public Comment on Draft Environmental Review of SpaceX Starship/Super Heavy Program
Attachments: PEA of SpaceX Comments - Dihel.pdf

Categories: Green Category

Ms. Stacey Zee,
Please my attached letter as a comment from a member of the public.
Thank you,

Taylor C. Dihel, P.E.

[REDACTED]

[REDACTED]

USA

DATE: September 23, 2021

TO: U.S. Department of Transportation
Federal Aviation Administration

ATT: Ms. Stacy Zee
SpaceX PEA, c/o ICF
9300 Lee Highway
Fairfax, VA 22031

RE: Public Comment on Draft Environmental Review of SpaceX Starship/Super Heavy Program

Ms. Zee,

After reviewing the SpaceX Starship/Super Heavy Program PEA, the environmental impacts seem acceptable to me. As a licensed Civil Engineer in the State of California, #C91277, I recognize the importance of the environmental review process. Input from every stakeholder is important which is what compelled me to write to you.

SpaceX has been a beacon of creativity, ingenuity, determination, and an example of true American innovation for me and my family. To slow this company down would be a shame. We need to support American Companies that have ambition to support human kind by making us multi planetary. Even putting the Mars mission aside, if approved, the Boca Chica Launch Site Area and its surrounding cities will experience a boom of new highly skilled workers, tourists, and supporting business development as SpaceX builds out their Starbase Launch Complex. This influx of people will dramatically help the surrounding cities as more taxable revenue will be spent in the area. In addition, SpaceX has already donated \$20 million dollars to nearby Texas Schools, and another \$10 million to the City of Brownsville for downtown revitalization. This company is an example for other companies, and its progress should not be slowed.

The Boca Chica area is a great place to build a launch complex as it is surrounded by wild preserved, similar to Cape Canaveral and its launch complex. It is located at the furthest tip of the state of Texas, with minimal impact to surrounding cities. Per the draft PEA document, I feel SpaceX has addressed and mitigated the safety and environmental concerns including but not limited to noise, endangered species, historical preservation, and exhaust plumes. An analysis of rocket pollution was also completed by @Everyday Astronaut which is linked, (<https://youtu.be/C4VHfmiwuv4>). It outlines that:

“Compared to other forms of transportation, each rocket that launches is not great per se. You certainly would not want to ship simple packages via rockets, but the cost will always keep that off the table.

But compared to even a small player in CO2 emissions, like the airline industry, rockets currently do not even compare at all! We would need several orders of magnitude more launches to even begin to need to factor in their contributions compared to other industries.

So obviously, rockets are not ideal, but for now, they are all we've got. And it will be a very very long time before we need to worry about the environmental impact they have on our air quality – at least compared to quite frankly just about everything else.

Not to mention the possibility of potentially moving heavy industry off our planet using rockets, perhaps their mild emissions could be our planet's biggest savior.

And if it were not for rockets, we would not have the observation and data collecting satellites that can observe our planet and other worlds to further shape our knowledge about our place amongst the universe and our effect on our own little planet."

It is in our best interest to progress space travel as the benefits to come will far outweigh the financial and environmental cost to Earth.

The launch structures, processes, and operations are being performed by SpaceX is considered cutting edge in space travel and aerospace engineering, and it is an honor to have them based in Texas. If we deny the progress of SpaceX, other countries will likely replicate similar systems to Americas disadvantage. We must foster and support the ambitions and goals of our times greatest minds at SpaceX. The new age of space travel is upon us and I fully support the construction and launch cadence of the SpaceX Starship/Super Heavy Program in its entirety.

Respectfully,

A handwritten signature in black ink that reads "Taylor Dihel". The script is fluid and cursive, with the first letter of each word being capitalized and larger than the others.

Taylor C. Dihel, PE

From: Ben Johnson <[REDACTED]>
Sent: Monday, September 20, 2021 2:46 AM
To: SpaceXBocaChica
Subject: Public comment on Draft PEA, SpaceX Boca Chica

Categories: Purple Category

Regarding plans for brine disposal using a deep injection well (2.1.4.5 Desalination Plant, 3.9.4.2 Groundwater) although the plan is calculated to meet required standards, given the site's proximity to the sea, natural dispersion through sea outfalls should be both economical and ecological by comparison, needing only to take care in the placement of the outfall to minimize impact of increased saline on marine life. Also, a sea outfall should outlive a deep well system and further reduce the likelihood of needing offsite disposal as a secondary (and most expensive) method. Instead of deep well injection for the primary brine disposal method, consider natural dispersion.

Benjamin Johnson
[REDACTED]

P.S. Please exclude my exact street address and phone number from any public notice.

From: Danwyo <[REDACTED]>
Sent: Friday, September 17, 2021 6:39 PM
To: SpaceXBocaChica
Subject: Public comment Space X

Categories: Green Category

I am highly in favor of Space X going forward with the full operation of Starbase. SpaceX has demonstrated an impressive safety record so far and has never rained pieces on unwitting bystanders.

As to the environment, the Starship burns the world's most ecologically friendly fuel--methane. Of course local life will be burdened but the pristine beach goes on for mile after mile. The benefits out weigh the burdens.

The launch site has to be somewhere. What better place than an existing space port.

Thank you,

Daniel Davis
Worland, Wyoming

Sent with [ProtonMail](#) Secure Email.

From: Robb R Patterson <[REDACTED]>
Sent: Thursday, September 23, 2021 11:31 AM
To: SpaceXBocaChica
Subject: Public Comments on Boca Chica Orbital Launches

Categories: Green Category

To whom it may concern,

I am in full support of unlimited launches for Star Ship from the Boca Chica launch facility. Space X is working toward a multi-planet system for Humanity and that is worth the effort.

Robb R Patterson

From: Arrvid Carlson <[REDACTED]>
Sent: Monday, September 20, 2021 8:35 AM
To: SpaceXBocaChica
Subject: Public Comments to FAA SpaceX Environmental Review

Categories: Purple Category

Generally the government should get out of the way of innovative industry however in this case there are public concerns that the ongoing and future activities of SpaceX require mitigation. Additionally, some of the proposed limits placed on SpaceX are onerous. My mitigations for consideration follow:

Applies to SpaceX

- 1) Plan, engineer and construct a second access to the public beach to maximize public access to the public beach, this also eliminates a single point of failure SH4.
- 2) Plan, engineer and construct a SpaceX controlled limited access road surface from the SpaceX shipyard to the SpaceX launch facility suitable for current and future needs for the movement of heavy machinery, Super Heavy, Starship and other equipment as necessary to support manufacture, testing and launches of the Starship program. This would minimize road closures for Texas state highway 4, SH 4). Road closures of SH 4 would then only be required for tank pressure tests, hot fires and launch events.
- 3) All hot fire, engine testing and launch events should require functioning and use of sound mitigation measures. This will substantially reduce sound events to the benefit of all.

Applies to government

- 1) Remove any upper limit on launches or test fire events. These will be naturally limited by infrastructure throughput. Artificial caps are unnecessary and unwieldy and would require continuous revisits as market, regulatory and technological changes progress. It is prudent for the government to limit hot fires and launch attempts to certain days of the week, perhaps Monday through Friday. To minimize public disruption of beach access, exclude hot fire tests and launch tests during weekends and public holidays. Provision for special permits to include such use cases can be addressed on a case by case basis as conditions warrant.
- 2) SpaceX development of the Starship program supports many government and private enterprise objectives. Government should to the extent feasible facilitate favorable conditions within an agreed mitigation framework. This may include creation of a special industrial zone that limits other activities but gives priority to the Starship program. This should be revisited at set intervals to ensure the public and private goals are still aligned and amended as required to maximize synergy.

Sincerely,
Arrvid Carlson
[REDACTED]

From: Mark Jennings <[REDACTED]>
Sent: Friday, September 17, 2021 2:19 PM
To: SpaceXBocaChica
Subject: Quickly Approve SpaceX with regual reviews, realistic mitigation, and additional Nature Preserves

SpaceX is the planet's best chance for humans to become a multiplant species.

Our future among the stars relies on a fully functional Starbase, Texas with multiple Starship launch pads under constant operations.

However, taking care of this Earth is also of utmost importance.

1. Approve *All* SpaceX Expansions and Launches
2. Continuously Review Environmental Impacts
3. Ensure SpaceX mitigates the magnitude of impact wherever possible with continuous upgrades to mitigation systems
4. Direct SpaceX to (at least partially) fund protection and diversification of adjacent and/or similar lands to directly and measurably allow the diverse plants and animals to continue to flourish beyond where SpaceX has unavoidably disrupted and destroyed habitat.

Sincerely,

Mark H. Jennings
East Wenatchee, WA

From: Rick Menasian <[REDACTED]>
Sent: Thursday, September 23, 2021 2:02 PM
To: SpaceXBocaChica
Subject: Re Draft Programmatic Environmental Assessment,

Categories: Green Category

There could be nothing worse than holding back the future of humanity for political reasons. We know better and we that know you know better too. I wish we needed to seek approval from the EPA to wage a 20-year war. And I wish people didn't make important discussions based on their jobs. Let's see how far we can go now, not a thousand years from now.

[Rick Menasian](#)

From: L K <[REDACTED]>
Sent: Saturday, September 18, 2021 5:16 AM
To: SpaceXBocaChica
Subject: RE: Comment On SpaceX Activities at Boca Chica

Categories: Green Category

Dear Ms. Zee,

I'm sure you're getting millions of comments now, but here is mine and I hope someone reads it. I want the Starship program to develop as fast as possible as our country has waited too long to go beyond the moon. However, I believe the agency should propose, and Musk accept, practical, real solutions to protect and re-situate some of the endangered, local species that reside around Boca Chica beach. I want both things to happen ASAP, simultaneously. I'm sure SpaceX could easily find the funds and means to coordinate an ecological program to move or rehabilitate some of the species that are unique to the Boca Chica launch area so that risks to them are mitigated. For instance maybe there is another spot with a similar ecological environment they could be moved to, or maybe they could fund a special artificial habitat where conservationists could relocate them and become their wards going forward, protected from the launch area.

Again, I would hope that this would be done quickly without delaying the Starship program. I too often see a black & white discussion where people either want to delay or fully disband the Starship program as it exists at Boca Chica, or to go full steam ahead without considering the wildlife. Why can't we do both?

Sincerely,
Leah Kuo
Accounting Manager in Los Angeles, CA
[REDACTED]

From: Erik London <[REDACTED]>
Sent: Thursday, September 23, 2021 11:24 AM
To: SpaceXBocaChica
Subject: Re: Please Allow SpaceX Unfettered Space Flight From Boca Chica

Categories: Green Category

Dear FAA Personnel,

Please allow SpaceX unfettered space access from Boca Chica. Elon Musk through SpaceX is doing more to help us go to the Moon and Mars than ANY other entity on this planet. Please do not restrict or hinder his development of the BFR space launch system. SpaceX alone has done more for space development in the last 3 years than ULA, Boeing, Lockheed, Blue Origin and every other company has done for the last 15 years. By hindering the quantity of flights in any way, the FAA will kill the idea of allowing Brownsville to grow economically (which was one of the poorest cities in America), but more importantly it gives China and other countries the opportunity to step in and take away from our freedom and access to space. Please allow America to remain on top, by enabling SpaceX to launch all the flights they want.

Personal reasons why I am writing this: My grandpa worked for McDonald Douglas from 1960-1988 and helped to develop the C-17 which is still widely used today, before he passed away in the early 1993. The reason he was forced to retire was Boeing came in and bought up the company, fired everyone, and physically dismantled the entire work site to stop competition. Now these huge expensive, slow, burdensome organizations are trying to do the same thing to the one company who is actually making headwind, employing Americans and leading the way into space. Please do not let these companies, using environmentalists, to hinder the development of space flight. If they do win then America will lose their current lead into space to other countries, like China. And we will lose our hold in the world. This matters very much not only for the Moon and Mars landing but for StarLink which China has already copied the idea and been trying to implement. Please help America to win this economic space war, by allowing SpaceX as many flights as they can launch.

Thank you,
Erik London

From: Patrick Crouch <[REDACTED]>
Sent: Friday, September 17, 2021 12:55 PM
To: SpaceXBocaChica
Subject: Re: Summary_Draft_PEA_for_SpaceX_Starship_Super_Heavy_at_Boca_Chica

To whom it concerns:

In the draft PEA, it looks as though SpaceX has evaluated the potential and actual effects of its launch activities pursuant to the Super Heavy and Starship vehicles to a great level of detail, and the document is in order. The following comment has to do with the assessment process, and not necessarily the assessment document itself. If this kind of comment is not being considered as part of the document review, then please disregard the rest of this email. If possible, please withhold my name and email address from public view if this comment is released to the public.

As a member of the public and the aerospace industry, I would ask that the Programmatic Environmental Assessment be conducted simultaneously with SpaceX's expansion and launch efforts, and not force a temporary halt of SpaceX's launch and expansion-based activities. I believe that conducting the review while allowing the activities to continue under a provisional experimental license will result in the following positive outcomes:

- Assessors and associated engineers, officials, and government departments will not feel subject to short time constraints caused by unfavorable opinions about the fairness and speed of the assessment process (e.g., public outcry)
- Local economic activity responsible for what is likely a large amount of growth can continue
- Emerging environmental issues can be rapidly identified and addressed before becoming major problems
- SpaceX can continue its rapid pace of implementation as regards their stated mission (making life multiplanetary, a worthy goal)
- A process for this "in-tandem" style of assessment can be created and adapted to the growth and launch activities of other aerospace companies (e.g. Blue Origin, Lockheed Martin, Northrop Grumman, and others) allowing faster construction and expansion aided by lower costs and wait times for assessments.

To be sure, there are problems and risks that arise with a simultaneously running an assessment alongside the economic activities under question. However, I believe the above mentioned positive outcomes can actually help reduce that risk and address problems that arise, making for a more fair, expedient, and productive assessment process, not just for SpaceX, but for other companies as well.

Thank you for your time.
Patrick

From: Michael Adeyanju <[REDACTED]>
Sent: Tuesday, September 21, 2021 12:16 PM
To: SpaceXBocaChica
Subject: Space X

Categories: Green Category

Ms. Stacey Zee,

I personally think SpaceX is doing a wonderful job at making history and new innovations for the United States and possibly the world. I want Space X to continue their test flights and continue to make further progress for the future of space exploration.

Sincerely,
Mike A.

From: Kenneth Germer <[REDACTED]>
Sent: Thursday, September 23, 2021 4:28 PM
To: SpaceXBocaChica
Subject: Space X coca chica

Categories: Green Category

To FAA

I support SpaceX at Boca Chica in there efforts to launch spacecraft and continue to keep the United States in the forefront of the space race. Of all the American companies currently involved in space only SpaceX is walking the walk when it comes to getting people and satellites into orbit.

Thank you

Kenneth Germer

Sent from my iPad

From: Douglas Dutton <[REDACTED]>
Sent: Thursday, September 23, 2021 4:24 PM
To: SpaceXBocaChica
Subject: SpaceX

Categories: Green Category

Hello,

Elon Musk is a remarkable innovator who is the 21st century's version of Edison.

It appears that the FAA's procedures are purposely being used to slow SpaceX down rather than allow them to take us out into the solar system. Politics or bureaucratic inefficiency?? Probably both.

Nasa has failed us with extremely expensive dead end programs for decades. We now have a man who is building spacecraft on a beach that work for pennies on the Nasa dollar. SpaceX is going to change everything for the better.

The FAA and EPA are in his way. Move aside and let him run with it.

Regards,

Douglas W. Dutton
Tyler, TX

Sent from [Mail](#) for Windows

From: Viktor Maksimov <[REDACTED]>
Sent: Thursday, September 23, 2021 11:22 AM
To: SpaceXBocaChica
Subject: SpaceX / Starship comment and subscription

Categories: Green Category

Starship project is so important for the surviving of the human race, it's maybe the most important project nowadays. If it's about the environmental impact - it just doesn't matter so much because of the importance of the project. If an asteroid is heading Earth- will we be thinking of the environmental impact of the technologies we will be creating to stop the asteroid or to escape? So many things currently are affecting the environment. Starship project will be one grain of sand in the Sahara dessert. That's it from me. If you have read this, please subscribe me to the email list of the project allowance decision.

Regards,
Viktor

From: TESSA Adams <[REDACTED]>
Sent: Friday, September 17, 2021 10:39 PM
To: SpaceXBocaChica
Subject: SpaceX And Environment

Categories: Green Category

Dear FAA.

I would like to express my opinion on SpaceX and environmental protection. First, protecting the environment is important, but I think SpaceX just does little damage to the environment. I inquired a lot of information and found that the SpaceX starship team had two main damages to the local environment. The first is the impact on local wild animals, and the second is the impact of noise on residents. But I don't think they are a problem.

For animals, According to the video of NSF (NASA space flight) and the description of local residents, SpaceX does little damage to the local environment. People even find rattlesnakes near the launch site, which shows that the local environment is very good. The habitat has not been destroyed. About noise, Its damage is less too. First, almost all local residents have moved out of the village, and And SpaceX launches are not so frequent, which can also allow animals to move to other places.

And I think you guys know that NASA chose SpaceX to develop HLS(human landing system), And I think it's ridiculous to delay because of environmental problems. I hope you can give SpaceX flight permission and help them with their first orbital flight.

From: oakley RICHARD <[REDACTED]>
Sent: Monday, September 20, 2021 4:41 PM
To: SpaceXBocaChica
Subject: SpaceX and Spaceport and Starship development

Categories: Purple Category

I am sending this email in support of SpaceX' plans for Spaceport:Starbase at Boca Chica ,Texas. I hope you won't hold it against me that I am writing from the UH and am a British subject of her Majesty. I'm part of the global support for SpaceX. We know how invaluable the efforts of SpaceX are.

On the EPA webpage the Draft EIS is followed by 45 days of public comment. I'm naturally concerned that because that period has been truncated by the FAA, when the judicial review rolls around that will cause the whole process to be reset to the draft phase with the correct number of days.

In the UK, we had an appeal against Sutherland Spaceport that heavily featured the need for a visitor centre. The Court ruled that until the Spaceport was in use, visitor numbers and facilities needed for them could not be determined. With SpaceX, visitor numbers may already be extrapolated from the current number of visitors already on site. There needs to be an assessment on the impact these visitors will have (are already having) and the facilities that are necessary to cater for those numbers.

In each of the two years the number of hours of beach and road closures has been exceeded within the first six months of the year. That will also be the case for the 500 hours SpaceX has put in for 2022. The number of seconds of static and launch firings is also on the absurdly low side. SpaceX seem to have continued to claim this site will only be used for testing and proofing of concepts. That is difficult to believe given that SpaceX, currently, has nowhere else to launch the Starship from.

SpaceX has requested an additional 17 acres of wetland be drained for a launch pad 2. How many launch pads will SpaceX build at Boca Chica. It seems to me that the FAA is being asked to approve the building of a Spaceport without being told what it actually will be in terms of size. The first colonial fleet will require 1000 starships with a total of 9000 launches (as per Elon's number of refuellings needed). How is the FAA planning to cope with that number of launches within a two month window or the 50000 would be colonists having somewhere to stay and train.

In 2022 Space want to launch 3 Starships. That would require an extra 24 refuel launches, minimum. Now, it's theoretically possible for the second stage to reach LEO with its payload from launching just it. This document is only authorizing 20 sub-orbital second stage launches. One starship is for the HLS that SpaceX promised NASA it would land on the Moon in 2022 (offered under the round 1 HLS approvals in 2020) as proof of concept for its 2024 HLS launches. The other 2 launches were originally scheduled as Mars landers - cargo and cargo or crew and still possibly still a go, depending on Elon's timeline. As it stands, the SpaceX request for usage is understated. If I weren't writing a submission to a US government agency, I'd probably use words like sham or bogus.

Highway 4 is clearly not-fit for purpose. It needs to be at least 2 lanes wide. That impacts on the wetlands and the wildlife therein. When ship 20 was put on site recently a group of birds flew towards it. It could have been curiosity or a test of intentions. Had the birds determined it to be threat, they could have attacked.

It was not until 1994 that Boca Chica beach was purchased by the State of Texas. Wiki says that back when the beach was privately owned it had 20 beach huts, a bathhouse and ballroom. During the second world war it was the site of a Coastguard unit. I don't know that Texas' Law about beaches being open to the public is actually lawful under Federal

Law. The fact there was construction on the beach would help with permission to build other structures and siting a Coastguard unit there again could help securing the range.

Boca Chica was never incorporated. I think that has to do with the 4 or 5 ranches that remain privately owned. Incorporation would not help with purchasing those ranches. SpaceX has already gone to the State Legislature to permit beach closures. The beach could be leased to SpaceX or acquired by the US military. There are precedents for Spaceports built in natural wetlands: the Cape and Stennis. It would seem to me that those rules ought to apply at Boca Chica.

The EIS ought to consider the different political possibilities on the impact of the Starbase. The current conditions continuing. The Boca Chica area being Incorporated under SpaceX ownership. SpaceX succeeding in creating a new county carved out of Cameron county.

The only way the FAA will know that SpaceX has complied with the requirement to have a fire-suppressant system and all the measures to mitigate the impact on the wildlife is by having real data that can only come from a launch of the full Starship.

From: Janeidy A <[REDACTED]>
Sent: Monday, September 20, 2021 8:44 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica / Local Resident Comment On Starship Operations:

Categories: Green Category

SpaceX Boca Chica / Local Resident Comment On Starship Operations:

I read SpaceX's draft Environmental Review to the Federal Aviation Administration (FAA) and saw that we can submit our thoughts about SpaceX's Starbase facility in South Texas. As a permanent resident of Brownsville, Texas, who was raised going to Boca Chica Beach for the past 25 years of my life – I would like to let the FAA know that SpaceX has my full support to develop the Starship/Super Heavy launch system in my backyard. I support SpaceX's goal to make life multiplanetary.

I know how it is like to live in South Texas in an impoverished community where the majority of young adults are not inspired enough to become future leaders and innovators. Long-term, SpaceX's operations at Boca Chica will inspire children in my community to graduate from high school and attend college because they will grow up inspired by watching Starship launch payload and astronauts to space. SpaceX will also attract tourism and businesses into the Rio Grande Valley/South Padre region which will enable job creation and economic growth.

As a horse owner and nature lover, I understand some locals have concerns over SpaceX's Starbase facility being located near a wildlife refuge and think that it could affect nature at Boca Chica, however, NASA Kennedy Space Center launch site in Cape Canaveral, Florida, is also located in a zone close to a wildlife refuge where wild animals roam free and they are still thriving despite of monthly spaceflight operations. Boca Chica shares border (beach & land) with Mexico and animals have enough territory to roam freely between both countries, as well as the ocean (Gulf of Mexico).

SpaceX employees do volunteer/work alongside local wildlife organizations to ensure local species are safe. During the time Texas experienced very cold temperatures, SpaceX staff helped animal shelter personnel rescue hundreds of sea turtles that faced life-threatening weather conditions. For the past 3 years or so, SpaceX has demonstrated it is a great neighbor. I proudly welcome SpaceX to Boca Chica Beach, Texas.

Humanity's future cannot stay confined to Earth forever. SpaceX is taking on the challenge to develop the spacecraft that will enable humans to build a permanent base on the Moon and a colony on Mars - this will enable our species to advance. Most technology we use today was created thanks to the 'Space Race' to the Moon during NASA's Apollo era. Tech such as: computers, phones with cameras, LED lights, medical treatments/devices like CAT-Scans, etc. emerged thanks to ambitious space exploration programs. We have not returned to the lunar surface in 50 years!

We need to push boundaries and allow innovative companies to create an exciting and beneficial future for civilization as a whole. Long-term, the new technologies that will be developed during today's emerging 'Space Race' are guaranteed to be beneficial to ALL life on Earth and beyond. Let's support SpaceX and give them the opportunity to build a Starship Spaceport and continue operations at Boca Chica, Texas.

-Evelyn J. Arevalo

From: Joe Kigotho <[REDACTED]>
Sent: Thursday, September 23, 2021 8:05 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica

Categories: Green Category

Ms. Stacey Zee,

I wanted to write in my support for SpaceX to be allowed to continue the extremely important work they are doing at Starbase in Boca Chica, TX.

They are literally building the future for humans and our eventual ability to become a multi planet species. Which is important in general for the assured survival of the human race.

They are additionally creating technologies which will be a massive benefit to humans. Right off the bat, the Starlink internet systems they are built and launched into space is already helping hundreds of thousands of people who live in remote locations to get internet services where they live at a reasonable cost.

I am hoping you will see how important they are to our future.

Thank you.

Joe Kigotho.

From: Donovan <[REDACTED]>
Sent: Thursday, September 23, 2021 11:12 AM
To: SpaceXBocaChica
Subject: SpaceX Continuation

Categories: Green Category

Dear Stacey Zee,

I believe SpaceX is developing technology that will benefit the United States and the world for Space delivery systems and travel. These technology for our future. Already these remarkable advances are great cost savings to the country. Please grant them ability to continue.

Thanks for your time.

Donovan Grice
Kennesaw GA
Telsa Model Y Owmer

From: Kevin McLeod <[REDACTED]>
Sent: Friday, September 17, 2021 9:02 PM
To: SpaceXBocaChica
Subject: SpaceX development in Boca Chica

Categories: Green Category

SpaceX's plans were broadly understood when development began. We understood there would be environmental impacts and risk.

The same was true at Cape Canaveral when it was constructed. We have gained a great deal of economic, cultural and even environmental benefits (through launches of environmental monitoring satellites) from activity at KSC, and we need to recognize many benefits will also accrue from a successful Starship/Superheavy program. Lowering the cost of access to space has local impact, but global rewards. Let's not stand in the way of allowing that to happen.

- Kevin McLeod
[REDACTED]

From: Jim McClarin <[REDACTED]>
Sent: Thursday, September 23, 2021 4:35 PM
To: SpaceXBocaChica
Subject: SpaceX EIR

Categories: Green Category

[REDACTED]

Dear administrators,

Please accept this input favoring the granting of permission for continued launch operations by SpaceX at Boca Chica, TX.

I am a field biologist with a focus on finding species new to science. It is a race against time as more and more species disappear forever due especially to habitat destruction caused by agricultural expansion, water diversions, resource extraction, etc. Thus I am a proponent of habitat conservation.

However, I realize that all species have a limited time on this Earth. The fossil record is very clear on this point. Earth life has suffered a great many extinction events, the five largest of which killed off a majority of species at the time. The sun is projected to expand beyond Earth's orbit in time, sterilizing the planet. Long before that happens, there will almost certainly be other great extinctions although some of them we might be able to avert.

This brings into focus the question of how we might best prolong life on Earth. One approach is to do whatever we can to keep dangerously large comets and asteroids from colliding with Earth. There is growing evidence that a cosmic impact or barrage occurred some 12,000 years ago on the North American ice sheet, bringing an end to most of the megafauna and the Clovis culture that hunted them. If such an event were to happen today, there is no way we could prevent it. Therefore, advancing our ability to steer comets and asteroids away from their collision course should be seen as one of the highest goals of environmental protection, THE highest in my estimation. That goal requires us to get into space as soon as we can and develop means of steering comets and asteroids. It's likely that new means would arise in the course of mining the asteroid belt. Getting out there in the solar system is the first step and, at this writing, the SpaceX Starship appears to hold the greatest promise for achieving that on a grand scale. The reductions in launch cost due to the complete reusability of the Starship promises to open up the solar system to mankind. However, much testing and development remain to be done. It should not be impeded by shortsighted environmental restrictions when the long-term survival of Earthlife is at stake.

Related to protecting Earthlife on Earth is sending Earthlife abroad to potentially safer locations in the solar system and eventually the Universe. This is a tricky proposal since Earthlife is adapted to the gravity, temperature range, pressure, radiation shielding, and chemical composition of soil, water, and air found on this planet. We humans are a very adaptive species. We can spend a year locked in a nuclear submarine or in the International Space Station. With the right gear and equipment, we can survive in the middle of a broiling hot desert or in the extreme Antarctic cold. Adapting to conditions elsewhere should be a top priority not just to ensure humanity's continued existence but that of any Earth species we are able to bring with us. Thus the mission to set up a permanent sustainable outpost for humanity on Mars has a long-range environmental value. Once again, it is the work being done by SpaceX at the Boca Chica, Texas site that would seem to hold the best promise of getting us there.

Finally, we cannot overlook the fact that opportunity does not always knock. There is a window of opportunity of uncertain duration. We are accustomed to acknowledging that there are windows of opportunity in our lives. An athlete has only so long to rise to the top of their sport, A model has only a handful of years to be a top earner. We are

less likely to think of global events that could derail progress. These could include war, global drought and famine, a collapsed economy, or a pandemic an order of magnitude worse than COVID 19, not to mention even a minor extinction event or the direct hit of a solar storm or CME such as the Carrington Event of 1858, which, if it occurred today, would set society back a decade and possibly much more. Then there are potential social or political movements that could stand athwart access to space. I therefore think a slow and cautious entry into space such as we have pursued since the Apollo Mission entails the risk of never having the ability to save Earth from a planet-killing impact, never establishing ourselves on the red planet, never being able to reach the stars. The fast pace of research and development by SpaceX at Boca Chica is an attempt to succeed before some external force intervenes. I therefore ask if putting a damper on SpaceX to preserve local tranquility is responsible or irresponsible.

Jim McClarin

From: [REDACTED]
Sent: Thursday, September 23, 2021 11:39 AM
To: SpaceXBocaChica
Subject: SpaceX Environmental Impact Assessment

Categories: Green Category

To whom it may concern,

The EIS specifies a launch cadence of 5 orbital launches annually. This is **absurdly** low and reflects NASA's and their legacy contractor's (like (ULA) glacially slow development pace **not SpaceX's**

It's time for the FAA to abandon it's ancient, ponderous, plodding regulatory paradigm and join the new millennium.

Failing to adapt in this way is hindering progress on our journey to the stars.

Wake up! It's a new environment here!

Dale T. Hitchings, President
SAFELAB Corporation



From: Michael Mills <[REDACTED]>
Sent: Thursday, September 23, 2021 8:38 PM
To: SpaceXBocaChica
Subject: spacex environmental impact study

Categories: Green Category

Dear FAA,

Please approve spacex licensing post hast as they will continue American dominance in space.

Thank you for your time.

Michael Mills

From: Raymond T Hightower <[REDACTED]>
Sent: Thursday, September 23, 2021 10:13 AM
To: SpaceXBocaChica
Subject: SpaceX in Boca Chica, TX: Supporting Message

Categories: Green Category

Greetings Ms. Stacey Zee-

This message is in support of the work done by SpaceX in Boca Chica, TX, USA.

As you know, the SpaceX team recently completed the first all-civilian orbit. How remarkable! Our nation needs to support ventures like this for economic, technical, and military reasons.

- Economic: Certain new products and medicines are best manufactured in the micro-gravity of orbit. SpaceX puts our nation in a position to deliver.
- Technical: Just as the Apollo missions of the 1960s and 1970s led to a US technical boom, the same is happening with SpaceX right now. New companies have been formed to serve SpaceX and related firms. That helps the economy of the USA and the world.
- Military: We in the USA are peace-loving people. At the same time, the best way to preserve the peace is to be prepared to fight a bully. Future fights will require technical skills. And those skills are honed within SpaceX.

Bottom line. Let's do this!

Thanks,
RTH

Raymond T. Hightower
[REDACTED]

From: Reuben Gonzales <[REDACTED]>
Sent: Thursday, September 23, 2021 8:32 PM
To: SpaceXBocaChica
Subject: SpaceX licensing

Categories: Green Category

Hello FAA I am writing to to encourage you to approve the license for SpaceX. I believe this is of vital national security that we maintain our lead in space ahead of Russia and China. SpaceX has done more to maintain this lead then any other company in recent history. The environmental factors should be second to vital national security.

Reuben Gonzales
[REDACTED]

From: Marvin E. Green (gmail) <[REDACTED]>
Sent: Thursday, September 23, 2021 10:42 AM
To: SpaceXBocaChica
Subject: SpaceX Licensing

Categories: Green Category

In addition to providing me with voting determinate entertainment in my retirement, SpaceX is inspiring a new generation to pursue careers in science and technology.

I'm fur it.

--

Thanks,

MARVIN E GREEN
[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]

From: Kirt McKenna <[REDACTED]>
Sent: Thursday, September 23, 2021 3:26 PM
To: SpaceXBocaChica
Subject: SpaceX PEA comments
Attachments: SpaceX_PEA_kmckenna.pdf

Categories: Green Category

Ms. Zee,

Please accept my comments attached.

Regards,

Kirt McKenna
[REDACTED]

23 September, 2021

Ms. Stacey Zee
SpaceX PEA
c/o ICF
930 Lee Highway
Fairfax, VA 22031

Ms. Zee,

I am writing you regarding the Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas. I would like to express my *approval* of the PEA and request that the FAA issue permits and licenses per the Proposed Action.

As a US Citizen in my early thirties, SpaceX has been hugely inspirational developing for and pushing a better future for all of humanity. The Starship Super Heavy program as destined for the Moon in NASA's HLS program for the Artemis missions and for Mars is critically important for all of us. Technology developed to put men and women back on the moon and on Mars will dramatically benefit humanity and help solve problems back home. Similar to the Apollo program, Starship will inspire generations of men and women and we watch what was thought to be impossible become not only possible but achievable by average people. The recent Inspiration4 mission is a perfect example of this. The Inspiration4 crew demonstrated that the people deemed inadequate are the very people that bring value into our lives and our work. Inspiration4 is only a fraction of what Starship can inspire.

In regards to the technical analysis of the PEA, the FAA has done a fantastic and thorough job of analyzing the impact of Starship development and operations on the local environment and communities. Now many critics of SpaceX and of their Boca Chica site predict destruction of the local wetlands and wildlife. This can't be farther from the truth when compared to active launch sites elsewhere in the US. Both Cape Canaveral and Vandenberg Space Force Base are actively managed wildlife preserves. At both locations, the flora and fauna are flourishing; additionally, the existence of a launch facility has prevented urban sprawl and other commercial development in the area that would have devastated the ecosystem. Analysis in the PEA further demonstrates the minimal impact by SpaceX.

In light of the above, I fully approve the draft PEA and recommend accelerating the finalizing for permitting and licensing. The SpaceX Starship program in Boca Chica is of national and international importance. The Starship Super Heavy will change our world and help us reach the other planets.

Regards,

A handwritten signature in black ink, appearing to read 'Kirtland McKenna', with a stylized, flowing script.

Kirtland McKenna

From: Patrick Newsome <[REDACTED]>
Sent: Thursday, September 23, 2021 6:31 AM
To: SpaceXBocaChica
Subject: SpaceX PEA

Categories: Green Category

Ms Stacey Zee:

To begin, I would like to express my view of the importance of the SpaceX mission to make human life multi-planetary. In order to accomplish that mission, a launch vehicle such as starship and the super heavy booster are needed. As no other company or entity is working on a rapidly reusable launch vehicle with a comparable payload (no other company or entity has landed an orbit-capable booster, as you know), the continuance of this program is vital to the survivorship of humanity.

I do not mean this in any hyperbolic way: the success of this program is vital to humanity.

Even with our best efforts of saving the planet, eventually we will have to leave it or go by way of the dinosaurs--a tragic end of the human race via asteroid.

The threats to humanity could come from within, nuclear war being one of the more serious ones.

Our sun could be our end or a supervolcano.

My intention is not to list the threats to humanity, just stress the importance of not having all of our eggs in one basket, as we do for the foreseeable future, and for longer with any hindrance of the efforts of SpaceX with their work on the starship program at Boca Chica.

I truly believe that any work to hinder the progress of this program is work to threaten the continuance of humanity.

Yes, we must make our home planet as safe as possible and be good stewards of our resources, but we also must move beyond a single planet, and once we get to another, we must keep exploring while make self-sustaining colonies. And be much better stewards of our new homes than we have been with Earth thus far. The starship program should be viewed as a necessary step to reach those goals.

The argument against such a program could be made that launches are environmentally detrimental and Elon Musk is a hypocrite for burning fuel that contributes to global warming. The counter is Tesla, which is driving the goal of sustainable energy. And the use of solar energy where possible within the starship program with the addition of battery storage for increased utilization of solar. Additionally if there was an environmentally friendlier more efficient way of launching vehicles and getting massive payloads to space, SpaceX would use that method. SpaceX, with the Boca Chica site, appears to be striving to minimize environmental impacts and negative effects to the local inhabitants. Economically speaking, the activities will provide benefits for the region.

The show must go on (starship program), or the show will end (humanity). It's as simple as that.

Thank you for your time,

Patrick Newsome

From: StCredZero <[REDACTED]>
Sent: Tuesday, September 21, 2021 12:13 PM
To: SpaceXBocaChica
Subject: SpaceX PEA, ICF, 9300

Categories: Green Category

Ms. Stacey Zee,

Please let SpaceX continue and even expand their operations with the SuperHeavy booster and Starship. What they are doing is vital to national security, America's economic future, our sense of adventure, and the future of humanity.

Sincerely,
Peter K. Suk

From: Walt <[REDACTED]>
Sent: Thursday, September 23, 2021 11:14 AM
To: SpaceXBocaChica
Subject: SpaceX Programmatic Environmental Assessment

Categories: Green Category

Dear Sirs,

Thank you for allowing the public to comment on your current study for Programmatic Environmental Assessment.

Personally, I think that SpaceX should be allowed to continue with their development and launches of Starship. We should not hinder the progress they are trying to achieve. Just imagine if you were to do a Programmatic Environmental Assessment of NASA in Florida. You would more than likely shut the whole place down. The best we can do as humans is to make sure we are careful when it comes to the Environment. From what i have seen so far, SpaceX has done that. As has NASA in Florida. It appears SpaceX has taken the necessary precautions to keep wildlife safe. As has NASA in Florida.

IMHO the FAA should allow SpaceX to continue unabated.

Thank you for listening to my concerns,
Walt Rohr
Las Vegas, NV

From: Konstantin Chterev <[REDACTED]>
Sent: Tuesday, September 21, 2021 8:14 AM
To: SpaceXBocaChica
Subject: SpaceX Starship EAP Review/Comment - Konstantin Chterev

Categories: Green Category

Dear Ms. Zee,

I am writing to express my support for approval of SpaceX's Starship Super Heavy Project at the Boca Chica Launch Site. I am an extreme environment and environmental psychologist; my work and research has spanned from human spaceflight, business, and interaction with our environments on Earth. I believe in striving towards a prosperous future on Earth and beyond – Boca Chica can play a role in this.

As I am sure others have mentioned, launch sites can act as havens for nature – we see evidence of this at Kennedy Space Center (KSC) where a vast wildlife refuge coexists (and thrives) with the most active spaceport in the world. Further, access to spaceports tends to be limited, somewhat ironically reducing human influence on the environment compared to other areas such as suburbs. NASA have laid down a strong method for handling this process at KSC via monitoring ecosystem dynamics and sharing information with regional stakeholders – this approach can be repeated in other launch sites such as Boca Chica.

While the Proposed Action of the site is not expected to result in significant noise or pollutant impact, it is worth mentioning Starship's use of methalox (methane/oxygen) as fuel can be made carbon neutral via carbon capture or the "Sabatier process". In fact, it would be of benefit to both the environment and SpaceX to strive towards this. I am aware SpaceX are considering this process as this it could prove useful in refuelling spacecraft in the future. Further, methalox is one of the cleanest fuels currently available for rockets after hydrogen, and it would take an enormous scale of fully stacked Starship launches to make a dent in global emissions.

I would like to add that Starship launches can be beneficial to our fight against climate change through reducing the costs and increasing the tonnage/mass/volume we can launch to space. SpaceX has a history of launching satellites for organisations involved in monitoring and combatting climate change; these include Radarsat for the Canadian Space Agency, Sentinel-6 for NASA and the European Space Agency, and in the near future, three UK satellites from Spire and In-Space Missions. These missions were flown through SpaceX's Falcon 9 rocket, which SpaceX hopes to improve on with Starship. With this vehicle launching from Boca Chica, offering lower costs and higher tonnage to space, we could see greater access to agencies, universities, companies, and other organisations looking to send climate satellites into space that would have otherwise been unfeasible. The trade-off between the environmental impact of the launch site and the yield generated from climate satellite/space research could be incredibly beneficial on a local and global scale.

I list "space research" as an additional factor, as Starship's success can hold implications beyond the environmental level. As a researcher of space psychology, I am part of the space medicine community which is looking for opportunities

to launch more experiments as well as more people into space. The work our community is involved with helps those on Earth, including researching medicine for conditions such as osteoporosis, health technology such as medical imaging via ultrasound, immune system research, and psychological research which can be applied to populations affected by isolation, pandemics, and disaster. Starship has the potential to launch more cargo and crew than before at far cheaper rates, which could result in many benefits to a wide variety of fields varying from medicine to engineering. In turn, I feel these future benefits may depend on the approval of Boca Chica as a launch site, and as such are complementary to the prior comments I have written regarding environmental impact.

In conclusion, I would like to reaffirm my support for the approval of SpaceX's Starship Super Heavy Project at the Boca Chica Launch Site.

Thank you for considering this letter,

Best regards,

Konstantin Chterev



From: Rick Olsen <[REDACTED]>
Sent: Thursday, September 23, 2021 11:17 AM
To: SpaceXBocaChica
Subject: SpaceX Starship Launch

Categories: Green Category

Hello,

I wanted to let you know that I support SpaceX's bid for launches from Boca Chica, TX. What Elon Musk and SpaceX are doing is very important to all of us. Spacelift has been stagnant for years. It has progressed, but very slowly. I was stationed at Vandenberg AFB for 6 years and watched the backlog of spacelift and the enormous costs.

I have watched in fascination as Elon Musk and SpaceX have turned the industry on its ear. They have already made space launches more often and cheaper across the board.

Please do not stand in the way of their efforts to help make us a true spacefaring species.

Sincerely,
Richard R. Olsen, Jr., MSgt, USAF Ret.

From: Qblater <[REDACTED]>
Sent: Thursday, September 23, 2021 11:17 AM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Categories: Green Category

I urge the “no action” alternative be adopted for this project.

Space X has not limited its scope of activities within the permits already issued, as it has a history of construction, testing, and explosive launch failure that were not disclosed to FAA from the 2014 Environmental disclosures. I do not believe that they can be trusted to abide by the “construction” and “operational” measures outlined in the “Biological Resources” portion of the draft PEA.

Having inspections and yearly reports by a biologist will not mitigate the effects of the project on birds or sea turtles. The size (and enlargement) of both the physical structures and the operation of them will only be benign for the environment if they are not allowed to proceed at all. The project is already too big to have no or low impacts; expanding it both in footprint and scope is potentially disastrous. Educating employees to “slow down” when driving at night, as a way to protect Ocelots and Jaguarundis, is frankly inadequate. Also, stating that the effect of the project is negligible compared to the amount of habitat available in the Rio Grande Valley is a cop-out. It is the impact of this particular site, on its own, that is important. And, coastal habitat for shorebirds and sea turtles is actually limited in the Valley, and is constantly under threat.

Thank you for your consideration.

Jerry Broadus
Puyallup, WA

From: Kenneth Teague <[REDACTED]>
Sent: Sunday, September 19, 2021 5:03 PM
To: SpaceXBocaChica
Cc: John & Barbara; David Newstead
Subject: SpaceX Starship/Super Heavy at Boca Chica - Notice of Availability of Draft PEA

Categories: Purple Category

Dear Sir/Ms: I have just begun reviewing this document. I have only read a few pages of the Executive Summary. But I am already outraged by the content. The statements of official FAA policy, regarding the stated purpose of the proposed project, are completely outrageous. This is insane. You are asserting that it is US policy to colonize Mars, and you are asserting that it can be done cost effectively. This is complete insanity. I speculate that this EA is actually a product of SpaceX, and that it does not truly reflect FAA policy. It appears that FAA has been "regulatorily captured" by Space X.

So, I have two important questions. Who drafted this document? And did FAA review it for consistency with FAA and US policy?

Sincerely,
Kenneth G. Teague, PWS (emeritus), Senior Certified Ecologist
Austin, TX

Sent from [Mail](#) for Windows

From: EMMA BURGESS <[REDACTED]>
Sent: Saturday, September 18, 2021 3:13 AM
To: SpaceXBocaChica
Subject: SpaceX Starship/Super Heavy at Boca Chica

Categories: Green Category

To whom it may concern,

I am emailing in support of SpaceX's Starship/Super heavy project at their Boca Chica facility in South Texas. I have been following this programme for a while and after reading the documentation, I believe that the benefits far outweigh any potential concerns. This project has and will continue to improve the local area/economy in terms of both providing employment, improving infrastructure and bringing in tourism at usually quiet times of the year. Furthermore, as the Starship/Super Heavy vehicle will be fully reusable it has the potential to provide affordable access to space on a level that has never been achieved before. This will have countless benefits for NASA, commercial customers and the U.S.A as a whole for decades to come. It will also contribute to the ultimate goal of returning humans to the Moon for the first time in over 50 years and allowing humans to reach Mars for the first time.

I acknowledge the concerns that this project could have on the environment/wildlife in the area especially in the case of an anomaly during testing, launch or landing. However, I believe SpaceX will continue to meet requirements that will mitigate any potential negative impact on the environment/wildlife. During previous testing of Starship on suborbital test flights, SpaceX has demonstrated the ability to save the vehicle as well as remove debris safely and efficiently when anomalies occur. Furthermore, as testing continues and technology/the design of the vehicle improves, the chances of an anomaly occurring are significantly reduced.

Overall, I fully support SpaceX's Starship/Super Heavy programme which has countless benefits for the local area, the U.S.A and for all of humanity. I also truly believe that SpaceX has taken and will continue to take the necessary precautions and meet requirements in order to mitigate any adverse impacts on the environment.

Thank you for your consideration.

Kind Regards,

Emma

From: Mark Zylka <[REDACTED]>
Sent: Thursday, September 23, 2021 6:22 PM
To: SpaceXBocaChica
Subject: SpaceX Starship/Super Heavy project comments

Categories: Green Category

I am an environmental health science researcher. I have no significant concerns regarding the environmental impact of the Starship/Super heavy project.

The positive impacts significantly outweigh any minor negative impacts, and SpaceX has done a thorough job of describing how any risks will be mitigated.

This program has profound positive impacts on pioneering new, cost-effective, reusable launch capabilities in the United States. This will benefit space exploration, defense of this country (such as facilitating launch of satellites needed for intelligence purposes), and commercial space travel.

SpaceX has an extensive positive track record of safety, and is currently the only US aerospace company to successfully build reusable rockets capable of delivering American astronauts to orbit from American soil. This company is a national treasure. All federal agencies should be encouraged to facilitate and expedite research, development and testing of Starship/Super Heavy rocket technology at the Boca Chica facility.

Sincerely,
Mark Zylka, Ph.D.

From: Manfred Stinehour <[REDACTED]>
Sent: Thursday, September 23, 2021 3:44 PM
To: SpaceXBocaChica
Subject: SpaceX

Categories: Green Category

To whom it may concern,

Regarding SpaceX in Boca Chica, Texas, AKA Starbase,

This nation has been long overdue for a proactive and fast-paced advancement in the space program. I love my country but am very disappointed in our current national space program and the politics/bureaucracy it is currently embroiled in.

Although I wish all space programs the best in their endeavors SpaceX is currently, in my opinion, way ahead of everyone else and will hopefully bring our nation out of its stagnant space program and technology development which will benefit all.

I think overall SpaceX will advance the best interest of our nation and impeding the company in bureaucracy will slow its development and allow outside nations, that may not be friendly to our country, gain an upper hand and/or control of space.

If you have noticed with our past development of space travel, there has been an untold number of benefits to our nation and the world that was developed through our attempts to reach the stars. GPS, EKGs, computer technology, on and on.

Therefore, I ask that you allow SpaceX to move forward and develop its advancement into the stars no matter where they are.

Thank you for your consideration,

Manfred "Manny" Stinehour
[REDACTED]

From: [REDACTED]
Sent: Thursday, September 23, 2021 11:26 AM
To: SpaceXBocaChica
Subject: Star-base Texas

Categories: Green Category

Having the Texas launch site is super important for the survival of our species as climate change continues to destroy Earth and the planet becomes uninhabited.

I am normally ultra concerned about the environmental impacts of construction projects; however, the importance of having a launch site at the research and assembly site is essential. Space X NEEDS to easily and rapidly build and test and launch rockets.

The potential for negative environmental impact is almost irrelevant when compared to the NEED for this location of the launch site.

I strongly support the construction and use of the Space X Starbase in Boca Chica Texas.

Stay Safe and Well,

KAH

Keith A. Hnilica DVM,MS,DACVD

From: Kevin M <[REDACTED]>
Sent: Monday, September 20, 2021 6:48 PM
To: SpaceXBocaChica
Subject: Starship

Categories: Green Category

Please let SpaceX proceed !

- 1) SpaceX is doing the work of expanding human life elsewhere without a ton of competition.
- 2) NASA fails to do any of this cost effectively and SpaceX leads the game.
- 3) Elon Musk is way better than Jeff Bezos in helping human life succeed.

~Kevin Farrow

From: Δ8 <[REDACTED]>
Sent: Friday, September 17, 2021 12:58 PM
To: SpaceXBocaChica
Subject: STARSHIP INQUIRY

When is the first launch/test flight?

I would like to document/film and I have followers.

Thank you,

-Arthur

From: [REDACTED]
Sent: Friday, September 17, 2021 12:59 PM
To: SpaceXBocaChica
Subject: Starship Launch and Environmental Impact to Sea Turtle Habitat

I am very concerned about the disruption of the habitat to the sea turtle population given the proposal construction and orbital launch schedule. I like SpaceX and the work they are doing but I am very concerned that there has been little effort to make sure species are preserved, habitat is not lost and personnel will continue to access the beach during critical nesting periods. I would like SpaceX to make it clear about the environmental impact and how they plan to address those concerns - at the moment it appears that basically any regulation or environmental concerns are just an impediment.

Thank you,
Thomas Holloway

From: Ari Torres <[REDACTED]>
Sent: Monday, September 20, 2021 5:04 PM
To: SpaceXBocaChica
Subject: Starship needs more than five launches

Categories: Purple Category

We would like to ask, on behalf of the nearly 10,000 employees who work at SpaceX, our objection regarding the number of annual launches for which the Starship / Super Heavy system was licensed. Five launches is not enough for a fully reusable super heavy launch vehicle to achieve significant results. Starship is a future human transport vehicle to the surface of the Moon and Mars, capable of transporting around a hundred astronauts to these locations, consequently, its reliability must be the highest ever obtained in any other orbital launch system.

It is up to the FAA that this vehicle can demonstrate an extremely high degree of safety as soon as possible, which is why providing authorization for only five annual launches is completely insufficient. SpaceX Starship was chosen by the National Aeronautics and Space Administration (NASA) as the lander of the first astronauts on the Martian surface by 2024 as part of its Artemis program, five annual launches would mean only fifteen Starship orbital flights for the scheduled date of the Artemis III mission.

For this reason, if the FAA supports the safety of future astronauts aboard Starship, as well as the valuable scientific and commercial cargo that will be carried into orbit by this vehicle, it is responsible for providing SpaceX with clearance to conduct the At least thirty annual launches of the Starship / SuperHeavy system, in this way Starship will have made almost a hundred flights before carrying out its first manned mission, this is similar to the number of launches made by the Falcon 9 vehicle before its first manned mission (Crew Dragon Demo-2), held on May 30, 2020.

From: Paul Cerone <[REDACTED]>
Sent: Thursday, September 23, 2021 7:40 PM
To: SpaceXBocaChica
Subject: Support for Space X and Starship.

Categories: Green Category

To Whom it may concern,

Humanity must continue to reach for the stars. I am 100% in favor of Starbase and the Mars project. I am fully aware of the turtles and would like to see every precaution taken to not disturb them but Starship must move forward.

Sincerely, Paul Cerone

From: krustel Artificial Intelligence <[REDACTED]>
Sent: Saturday, September 18, 2021 12:59 PM
To: SpaceXBocaChica
Subject: Support for SpaceX's Starship Program

Categories: Purple Category, Orange Category

SpaceX has been working on their starship program in boca chica for about 2 years now. I firmly believe that If the FAA Launch license is granted to the full stack starship, It would be beneficial to American and Human interest in space. If the starship program is put on hold solely because of regulatory issues then that would be pretty sad. If this is delayed or put on hold, then I'm pretty sure that America would definitely lose a potentially incredible vehicle that could completely change how humans access space.

SpaceX will require carbon capture and in-situ methalox production plants on mars anyways (for return missions), which means that they will have to first perfect the technology here! This could make Starship near carbon neutral in the future as the Carbon put out into the atmosphere would have been used prior to the launch to generate methalox. This would be better for the environment.

The issue of sound can be mitigated by good water deluge systems or by making use of their offshore launch platforms like Phobos or Deimos.

The excessive road closures can be stopped by spaceX trying to build an alternative travel path to the beach (something like another road or a boring company tunnel)

I believe all of Starship's shortcomings can be solved and the program doesn't deserve to be put on hold. For the first time in decades, progress is happening this quickly in spaceflight. It would be a colossal loss if starship superheavy starship never leaves the pad.

I fully support the SpaceX Starship Program. I believe a fully reusable rocket of that scale opens up a whole world of possibilities.

From: Bryan Quigley <[REDACTED]>
Sent: Monday, September 20, 2021 10:43 PM
To: SpaceXBocaChica
Subject: Support SpaceX's PEA

Categories: Purple Category

Dear review team,

I fully support SpaceX getting approval for further development of the Starship/Super heavy launch vehicle. Spacelight capabilities are being greatly expanded by SpaceX and it's essential to NASAs plan to return to the moon.

I do have 3 concerns, that I would like to see SpaceX better address.

- * The document mentions only 5 orbital launches per year. They would need to do much more than that to prove human flight worthiness.
- * Methane is a potent greenhouse gas - especially when vented. Can this be reduced or redirected? Alternatively, they could produce methane in the same way they plan to on Mars with renewable energy.
- * Using a fuel source for rockets is required, but they could use Solar/Wind and Tesla batteries instead of a methane power plant.

Despite these 3 concerns I still fully support development of the Starship/Super heavy launch vehicle.

Kind regards,
Bryan

From: Ed Kaine <[REDACTED]>
Sent: Thursday, September 23, 2021 11:03 AM
To: SpaceXBocaChica
Subject: Terrible Decision on only 5 launches per year.

Categories: Green Category

Dear FAA;

The idea that it would take 1.5 years worth of launches to fuel the Lunar Lander once is ridiculous.

5 launches per year!

You assessed that it was environmentally feasible and then restricted it to 20 suborbital launches and 5 orbital launches per year.

I am so angry.

I recommend Elon moves to Mexico or some more business friendly country.

You may think this generous number would be enough for Blue Origin or ULA... 5 launches for them would last 2-5 years.

STRONGLY DISAPPOINTED!!!

Check out this YouTube:
<https://youtu.be/mH70dmEu2EI>

Sincerely,
Ed Kaine

From: Patrick McHargue <[REDACTED]>
Sent: Friday, September 17, 2021 4:24 PM
To: SpaceXBocaChica

Categories: Purple Category

Ms. Zee;

After review the documents 'SpaceX Starship Super Heavy Project at the Boca Chica Launch Site' at,
https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

I can say that I have concerns regarding how SpaceX is handling the safety & security of the environment around its facility, and the people near that same facility.

I would like to see SpaceX's program proceed as planned.

Sincerely;
Patrick McHargue

--

A friend of Liberty is a friend of mine
[REDACTED]

From: Sebastian Pahlm <[REDACTED]>
Sent: Thursday, September 23, 2021 4:31 PM
To: SpaceXBocaChica

Categories: Green Category

Hello!

I know you want comments on you're approvals for the future. I'm from Sweden and this might not even make a difference. But I truly believe in you and I want to show my support.

My comment is that you should already have free hands on this. Boca Chica is more then just a gate to the stars it's a gate to the future, a better future. I belive that not allowing you to do this would be a big mistake for all of us and very stupid (sorry for the aggression).

Thank you for giving me a future to be excited about, greatest gift I have ever gotten!

Peace and love from you're biggest fan Sebastian Pahlm!

From: ed harger <[REDACTED]>
Sent: Thursday, September 23, 2021 10:23 AM
To: SpaceXBocaChica

Categories: Green Category

Dear Ms. Stacey Zee

I love Space X and every thing they are doing for the United States, for the space program and the human race!

They have done so much to make space affordable and safe.

There efforts to make us multi planetary is extraordinary!.

Sincerely,

Ed Harger

From: Brent Gray <[REDACTED]>
Sent: Tuesday, October 12, 2021 5:18 PM
To: SpaceXBocaChica
Subject: Allow SpaceX to accelerate!

For the good of American and humanity as a whole-- *please* fast track SpaceX proposals as much as possible.

Brent F. Gray
Concerned citizen from N. California.
(I have no monetary interests involved in SpaceX)

From: zen pro <[REDACTED]>
Sent: Tuesday, October 12, 2021 3:34 PM
To: SpaceXBocaChica
Subject: Boca Chica Launch Support

It is of the utmost and grave importance to allow rocket launches by Space X at Boca Chica to contribute towards the advancement of the human species.

Technology benefits from spaceflight are to improve the betterment of mankind in every industry imaginable, examples- Public, Safety, Health & Medicine, Transportation, Public Consumer, Safety, Environmental, Agriculture, Computer Science, etc...

a list of detailed benefits of space travel can be found here-
[NASA spinoff technologies - Wikipedia](#)

There has been a long delay towards the advancement of humanity as you know...decades. Its time we move forward and make living better for everyone on this planet.

If you take the time to seriously reflect on Elon's accomplishments on a "global scale", every innovative accomplishment he has undertaken is to better everyone's lives. He has always exemplified traits that should be commendable and recognized as such. Pulitzer awarding accomplishments...selflessness and genuine.

Please consider my email as a positive standpoint to allow advancement and "your" support of space launches.

Thank you sincerely
Moses Martinez

From: Ariel Hernandez <[REDACTED]>
Sent: Tuesday, October 12, 2021 3:18 PM
To: SpaceXBocaChica
Subject: Comment concerning Draft PEA on Starship

Greetings to the hard-working people at the FAA and all other interested individuals.

Before we agonize about the pros and cons of Starship's effects on the environment and local civilian life at Boca Chica and in the state of Texas, it is critical that we look at SpaceX's work at Boca Chica in the grand scheme of things and what their work means for humanity, life on Earth, and even perhaps for life in the entire Universe. Starship is designed for use on Mars more than on Earth. On Earth, Starship is a temporary solution to the problem of how to carry things into orbit and away from Earth in an energy-efficient and cost-effective way. After Starship is commercially operational, then there will be better ways to solve this problem in the future that are more environmentally friendly, such as skyhooks <https://youtu.be/dgwpQarrDwk?t=0>. But right now, in this decade, Starship is the best and fastest option for securing the continued existence of life and consciousness against all the threats that endanger it, such as a nuclear WW3, a meteor strike like the one that made the dinosaurs go extinct, and various other planetary disasters like the ones that have destroyed life on this planet many times over before the human species ever came to dominate it. https://youtu.be/FlUes_NPa6M?t=0. I do not know what any of you believe, and I do not know if there is an afterlife, heaven, hell, or reincarnation, or nothing but oblivion that awaits us after we die. What I know is that life is precious, and the desire to protect life is instilled in each and every single one of our hearts.

I would also like to mention that SpaceX's work, via Starship, will better enable humanity to protect and conserve Earth's resources by someday facilitating the mining of asteroids instead of mining here on Earth. Starship will also facilitate the existence of a cheap global internet, via Starlink, that will help troubled democracies in third-world countries flourish where they otherwise might be impeded. And finally, Starship will someday facilitate the advancement of clean-energy technologies that harvest energy in space and transport it to Earth. These technologies will benefit all humanity and all other species that live on Earth also.

That is all. Thank you.

-M. Ariel Hernandez

(A senior physics undergraduate student at the University of Alaska Fairbanks and a future resident of Boca Chica, Texas.)

[REDACTED]

From: Sara Stephens ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Tuesday, October 12, 2021 1:59 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Sara Stephens
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Miguel Cruz ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Tuesday, October 12, 2021 11:52 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Miguel Cruz
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Tony Anthony <[REDACTED]>
Sent: Tuesday, October 12, 2021 3:41 PM
To: SpaceXBocaChica
Subject: Comment on Programmatic Environmental Assessment - SpaceX

Dear Sirs or Madam,

I am Tony R. Anthony. I have a Bachelor of Science Degree in Hydrogeology from the University of Michigan and a Master of Science Degree in Civil (Environmental) Engineering from Wayne State University. My focus was fluid flow through porous media to model contaminant transport and hydraulic controls. I am a Certified and Licensed Professional Geologist (CPG and LPG), a Certified Hazardous Materials Manager (CHMM), a Registered Environmental Property Assessor (REPA), and registered as a LEED-AP professional. I also have certifications in safety and ISO 14001. I have worked as an Environmental Professional for over 30 years and am an owner of AKT Peerless a national environmental consulting firm.

I support the application by SpaceX to function as a site to launch Starship/Super Heavy Launch Vehicles. No industrial activity is without environmental risk. The gains that are made at the Boca Chica Launch facility will apply across the country and the overall benefit to the country far out way the local environmental risk. SpaceX and Tesla should not be viewed as individual pieces. The technological gains that are made with these technology companies are put towards low carbon energy and transportation. Their success is our country's success and a major step toward fighting climate change.

Sincerely,

Tony R. Anthony, CPG, CHMM, LEED-AP, REPA
Principal

AKT Peerless | [REDACTED]

P [REDACTED] C [REDACTED]

AKT PEERLESS
a better environment for your business.

From: Adelusi Oluwafemi <[REDACTED]>
Sent: Tuesday, October 12, 2021 12:09 PM
To: SpaceXBocaChica
Subject: Draft Environmental Review of SpaceX Starship/Super Heavy Program

I support spaceX's mission with the starship program, considering the progress of recent test launches, they look like they are on the right path.

If this is the spark the world needs to reignite the interest of people in space exploration then it has my full support.

From: Nicholas Hurrell <[REDACTED]>
Sent: Tuesday, October 12, 2021 2:09 PM
To: SpaceXBocaChica; Hurrell Nick
Subject: Environmental Impact Assessment feedback

Dear FAA,

It is of the upmost importance to the continuation of humanity on planet earth that space x be allowed to accelerate their launches at bocachica. This is also required for the continued and accelerated technological superiority of the USA versus China in space. Who ever has the advantage in space will have the military advantage on earth. The USA cannot afford to allow China overtake in space. This will happen if space x is not allowed to vastly accelerate its launches at bocachica. 5 launches in a year is not even enough to refuel the moon lander starship! The no. Of launches must be vastly increased!

Yours sincerely.

N. Hurrell.

From: Mahbubur Rahman <[REDACTED]>
Sent: Tuesday, October 12, 2021 2:31 PM
To: SpaceXBocaChica
Subject: For the Draft PEA

Hi,

When SpaceX or Human Specie will succeed to be multi planetary specie, the responsible persons or the organizations who blocked the path will be remind as villain. Just keep in mind.

--

Best Regards,
Mahbub

Md Mahbubur Rahman

Cell Phone: + [REDACTED]

Email: [REDACTED]

From: [REDACTED]
Sent: Tuesday, October 12, 2021 4:01 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear Sirs, I know, a testing facility like Starbase can have local impact on the environment. But this project opens up a lot of opportunities for human mankind and it also can make spaceflight more sustainable by adding a huge promising solution for removing space debris in a affordable way without surrendering fast improvement in spaceflight with all its benefits like scientific and economic satellites.

From: [REDACTED]
Sent: Tuesday, October 12, 2021 4:47 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

In my opinion the development of Starship at the Boca Chica site is one of the most compelling cases for the literal survival of the human species. This cannot be overstated. Given the speed at which humans seem to be careening toward self annihilation it is asinine to throw roadblocks in the way of a program that will become a life boat for our species. We have painted ourselves into a corner and Starship can serve as a way forward, twofold. First as the means to truly make humans a multi-planetary species, pushing the boundaries of technology for the benefit of all along the way. Secondly, by giving every day people the perspective of our tiny, precious home as the fragile bubble it truly is. Nearly every person who goes to space has had that "ah ha" moment of looking down on earth and experiencing a fundamental shift in thinking. If we are to save our planet, enough people need to have that perspective shift to seeing the bigger picture of our existence on this world as finite and precious. Moving out into the stars seems like a lofty goal, but I truly believe it is the way we will save ourselves and our home-planet from ourselves. I implore you to do everything possible to assist in the rapid development of the Starship program.

From: [REDACTED]
Sent: Tuesday, October 12, 2021 10:16 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I see no reason why the environment or wildlife at BocaChica Texas would be adversely affecting by SpaceX spaceflight operations. You only have to look at Cape Canaveral and the Kennedy Space Center in Florida to see that such operations can take place without adversely affecting the environment or wildlife. Cape Canaveral and Kennedy Space Center are much bigger than BocaChica and have been operating over 60 years.

From: [REDACTED]
Sent: Tuesday, October 12, 2021 10:35 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am writing you to urge you to do everything in your power to help SpaceX move forward with their testing of the Starship rocket (along with the heavy booster) at the Boca Chica Starbase site. For too long (practically my whole life...49 years by the way), it seems like our country's space program has faltered and step backwards from the moon landing in the late 60's and early 70's. And while I am aware that much has been accomplished in the interim, it seems like little progress has been made outside of near Earth orbit. SpaceX's desire to return us to the moon (us being humanity) and further to Mars will only push and accelerate other countries to do the same, thus helping our species become multi-planetary. If something "bad" were to happen, to our little blue dot, whether that something "bad" was caused by us (humanity), or from some outside source (eeek...aliens ate my baby!), or some horrible accident of fate (pandemic) at least we would have some sort of lifeboat to rebuild and won't lose Marilyn Monroe, Lincoln, Einstein, ice cream, and a whole lot of other "good" stuff. Thanks for listening, -Dave Cox

From: [REDACTED]
Sent: Tuesday, October 12, 2021 10:38 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in support of what SpaceX is trying to accomplish. The potential benefits to humanity outweigh any negative impacts that this work could accomplish. The negative impact could be addressed for example have Allow SpaceX to build a separate road from the launch pad to the building facility. Please do not delay what SpaceX is trying to accomplish. Dale Eames

From: [REDACTED]
Sent: Monday, October 11, 2021 9:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I wish it to be known I fully support and believe in Elon Musk and his Space X team. As evidence of their helping to returning the launching of American Astronauts from American soil, I believe they will be very important to NASA and the US Space Force. They will be key to NASA returning to the moon and other destinations "Out There". I also believe the FAA should not be doing anything to delay the development of Starship and Super Heavy. Thank You; James Payne

From: [REDACTED]
Sent: Tuesday, October 12, 2021 11:38 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

While I understand the need for the Environmental Assessment, I am positive that SpaceX will do everything it can to protect the surrounding area around the the Boca Chica launch site. This facility is absolutely needed for humanity to have chance if and when our planet can't support humans any longer. I am also positive that SpaceX is under more stringent scrutiny than Cape Canaveral had to endure back in the Gemini and Apollo days. Please approve this site quickly. Thank you.

From: [REDACTED]
Sent: Tuesday, October 12, 2021 11:49 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would like to see SpaceX to be able to continue operations in Boca Chica, for the good of mankind. Thank you
Robert Knutson

From: [REDACTED]
Sent: Thursday, October 7, 2021 2:59 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I have reviewed the Draft PEA for SpaceX and find it very informative. Based on this review I have concluded that the launches will not pose a serious threat to the wildlife, residents or the environment, for which everyone is most concerned. Consider how long Kennedy Space Center has functioned in the same type of environment, and everything has worked out so far. Thank you for your time and have a wonderful day. Best regards, Robert Thurmond [REDACTED]

From: kenelisha 92 <[REDACTED]>
Sent: Tuesday, October 12, 2021 10:32 AM
To: SpaceXBocaChica
Subject: FUTURE IS STARSHIP

It is very very important to allow SpaceX to progress with STARBASE at Boca chica because the future of humanity depends on it.

Regards
ken Elisha

From: Constanza Miner <[REDACTED]>
Sent: Tuesday, October 12, 2021 7:36 AM
To: SpaceXBocaChica
Cc: Helen Ramirez
Subject: GBIC Comment Letter
Attachments: SpaceX_LOS_10122021.pdf

Good Morning,

Please find GBIC's letter of support and comments for the FAA's public review attached. Let us know if you have any questions or concerns.

Kind Regards,
Constanza Miner
Director of Business Development

City of Brownsville | Greater Brownsville Incentives Corporation

500 E. Saint Charles St. (Historic Young House) | Brownsville, Texas 78520

M. (956) [REDACTED] | [REDACTED]

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October 11, 2021

Stacey Zee
[REDACTED]

Dear Ms. Zee,

On behalf of the Greater Brownsville Incentives Corporation (GBIC), Type A Economic Development Corporation, we would like to extend our strong support for the SpaceX plan to conduct Starship launch operations from their Starbase site adjacent to Brownsville, Texas. SpaceX's pursuit to develop reusable transportation systems has positively influenced our City and the Rio Grande Valley (RGV) in South Texas.

Brownsville and McAllen, the largest cities in the RGV, are among the top metropolitan areas with the highest poverty rates in the United States at 25% and 27% respectively. SpaceX is not only one of the largest employers in the area, but their contributions and impacts are far reaching. The economic influence of SpaceX's 1,500 workforce and their visitors has been evident in the number of small businesses that have opened, remain open, and steadily contribute to the increase in sales/use tax allocations for Brownsville year to date. The City's hotel/motel occupancy percentage through COVID was also among the highest in the State despite the international bridge closings to non-essential traffic.

In a recent article published online by the Rice Kinder institute of Urban Research, there is mention that although the region is growing rapidly, the belief is that the region strength is in attracting working-class Mexican immigrants and not the "creative class", which is an unfortunate comment. Our local population is hard working, resilient, and given equal opportunities will rise to the occasion. SpaceX has captured the minds and imaginations of our valley residents and has empowered young and old to dream and aim higher. Having the ability to see their operations in person and not just in front of a television set has made the possibility to be a part of something unique and revolutionary very real. SpaceX has opened the doors to the youth and has taken an active role in inspiring them to believe that they too can be a part of something greater and with the ability to impact the story of humanity.

SpaceX's involvement in our community has also been noteworthy. The assistance of their staff in our vaccination efforts have aided our City/County's vaccination rate to increase to 86% for fully vaccinated individuals, which is among the highest in the State of Texas. Their timely

involvement in saving stunned turtles from the frigid waters generated by the extreme Texas freeze earlier this year resulted in nearly 4,700 sea turtles being saved. Without the support of their staff, and the use of the generators they kindly provided, this would not have been possible. Their company employees are trained to deal with the state of local fauna as they monitor them with drones before and after each rocket launch.

Having SpaceX here has allowed us to pique the interest of companies that normally would overlook our area. GBIC's most recent success was the attraction of Paragon VTOL Aerospace to Brownsville. The company, who was originally based in California, choose Brownsville because of its proximity to SpaceX, geography, culture, and pro-business attitude. Their manufacturing facilities will employ a workforce close to 2,000 people further cementing opportunities for RGV residents.

It is our hope that you consider issuing SpaceX with the necessary experimental permits and/or licenses and allow them the opportunity to continue their proposed Starship/Super Heavy Program. This will allow them to continue on their road to make humanity multiplanetary and secure their continued growth in our area.

Sincerely,



Helen Ramirez, AICP
GBIC Executive Director and CEO

[REDACTED] / [REDACTED]



A "Type A" Economic Development Corporation

500 E Saint Charles Street, Brownsville, TX, 78520

[REDACTED]
greaterbrownsville.com

From: Dave Lechelt <[REDACTED]>
Sent: Tuesday, October 12, 2021 9:31 AM
To: SpaceXBocaChica
Subject: Go SpaceX

Please allow SpaceX to continue their work.

From: Richard Black <[REDACTED]>
Sent: Tuesday, October 12, 2021 5:28 PM
To: SpaceXBocaChica
Subject: Human Existence

Please allow SpaceX to continue with their process advance human continence to other worlds.
Our Species requires being multiplanet or going extinct in the near future. We have had a few examples of what could happen. Lets not wait see the result of one than ends us permanently.

Thank you.
Sent from [Mail](#) for Windows

From: Vincenzo Dell'Aira <[REDACTED]>
Sent: Tuesday, October 12, 2021 10:10 AM
To: SpaceXBocaChica
Subject: Human race survival

Good day

Please allow SpaceX to continue starship progress.

As a concerned Human being I see no alternative to pursue the space exploration and settlement on other Planets in order to enable us to extend our species for as long as we can.

I'm not an expert on this matter but I definitely desire my future generation to have a chance for survival in the long distance future.

Also Please do not let the Chinese government reach this goal before us as would definitely not be a good moral thing to allow this.

From UK but Italian citizen

Kind Regards

Vincenzo Dell'Aira

From: Michael Robinson <[REDACTED]>
Sent: Tuesday, October 12, 2021 5:12 PM
To: SpaceXBocaChica
Subject: I support SpaceX

It of the utmost importance to allow Space X to continue to expand its operation at Boca Chica.

Sent from my iPhone

From: Rich Peterson <[REDACTED]>
Sent: Tuesday, October 12, 2021 7:58 PM
To: SpaceXBocaChica
Subject: Letter in Support of SpaceX in Boca Chica, TX FAA Permitting Process

Ms. Stacey Zee
SpaceX PEA, c/o ICF
9300 Lee Highway, Fairfax, VA 22031

Rich Peterson
[REDACTED]

Ms. Stacey Zee,

I am writing to voice my support for Space Exploration Technology Corporation (SpaceX) in the development of a Starship / Super Heavy launch vehicle in Boca Chica, TX. As a resident of Texas and a citizen of the United States of America, I believe it is government's responsibility to support innovation in private industry in a safe and sustainable manner. Citizens of the United States are better off with continued U.S. leadership in commercial space, SpaceX is the unquestioned industry leader with the capacity to change the world in a safe and sustainable manner. Granting a vehicle operator license to SpaceX to operate the Starship / Super Heavy launch vehicle in Boca Chica, TX is a great example of supporting this innovation while providing the safest, most efficient aerospace system in the world.

The very reason the Federal Aviation Administration exists is a result of private industry innovation and the need for government regulation of air travel in a safe and sustainable manner. The world and the United States are a better place with a safe commercial airline industry led by the United States. Although the commercial spaceflight industry is still in its infancy vs. the commercial airline industry when the FAA was created in 1958, the potential is there for commercial spaceflight to change the future in ways we can only imagine in science fiction. Granting a vehicle operator license to SpaceX permitting the launch of Starship / Super Heavy launch vehicles in in Boca Chica, TX will allow the United States to continue its leadership in commercial space flight and unlock these benefits in a safe and sustainable manner regulated by the FAA. The benefits of government innovation in space are countless. Where would the world and the United States citizens be without satellites for weather analysis, communications, GPS and military applications to name a few? Where would countless children be inspired to pursue careers in government, the military, science and space without these innovations? While the jobs and economic impacts can be measured, the intangible benefits of this infrastructure and

leadership in the space cannot be quantified. Please allow SpaceX to take a critical step in unlocking this benefit by launching Starship / Super Heavy in Boca Chica, TX.

Note only is there a benefit to greater good for commercial space flight and launching Starship / Super Heavy in Boca Chica, TX, SpaceX is the company to do this. SpaceX is the unquestioned industry leader in commercial spaceflight. It's changed the world, for the better, by bringing down the costs of spaceflight and bringing the capability to launch astronauts to the international space station back to American soil along with the commercial satellite launch industry. I would argue that SpaceX is reducing the environmental impact of the industry across the world by reusing rockets, driving down launch costs and pushing competitors to innovate through reusing rockets. It's fair to say, paraphrasing a quote from Elon Musk, where would the world be if we built a 747 for every flight? The Starship / Super Heavy is the kind of game changing technology that will almost overnight make every other competitor obsolete without a fully reusable, low cost platform. This innovation and disruption should be led by SpaceX in a safe and sustainable manner from Boca Chica, TX regulated by the FAA.

Since SpaceX is applying I'll finish with another quote from Elon Musk that I think is applicable to this committee as they make their decision. "Just want to say thanks to those in government who fight hard for the right thing to happen, despite extreme pressure to do otherwise. Therein lies the core goodness of the American state." I believe this is one of those rare opportunities to make the right decision, despite intense pressure to the contrary. The best interest of the United States of America is having the safest, most efficient aerospace system in the world and granting SpaceX a vehicle operator license to operate the Starship / Super Heavy in Boca Chica, TX, is an integral step towards getting there.

Regards,

Rich Peterson

From: Chad Kister <[REDACTED]>
Sent: Tuesday, October 12, 2021 2:30 PM
To: SpaceXBocaChica
Subject: Please accelerate launching for colonies on Mars

I have been an environmentalists all of my life, and coordinate several environmental organizations. Four of my 5 published books are about the environment, 2 on climate change. While there is some impact on the environment, I believe the greater good of getting resources and living in space far outweighs the impacts, and that Space X should be granted necessary permits to do so.

Chad Kister

[REDACTED]

From: Ben Lefebvre <[REDACTED]>
Sent: Tuesday, October 12, 2021 8:16 AM
To: SpaceXBocaChica
Subject: Please add me to the mailing list

for this docket. Thank you.

Ben Lefebvre
PoliticoPro, oil and gas reporter
Office: [REDACTED]
Mobile/WhatsApp: [REDACTED]
email: [REDACTED]
[REDACTED]

From: Garland Garrett <[REDACTED]>
Sent: Tuesday, October 12, 2021 11:06 AM
To: SpaceXBocaChica
Subject: Space X permits for Boca Chica

I believe that it is critically important to protect our environment and our endangered wildlife. I live in Florida and have worked on Kennedy Space Center. As stewards of the Merritt Island Wildlife refuge KSC has done a great job ensuring the wildlife and refuge have been protected there. It is entirely possible that Space X could and I believe "would" ensure the same at Boca Chica. It is unavoidable that there will be some disruption as was at Kennedy Space Center but this can and should be minimized.

Advancing our Space Program is critical to our national future and Security and this program is center stage in the Security issue as China will castrate our national space program if at all possible. As a retired Space Command airman I know the value of holding this "HIGH GROUND". The country that can obtain space dominance will easily be able to prevent any other country from obtaining same. Having said, the FAA should be assisting Space X in every way possible to ensure that Space X and the United States is space dominant as a NATIONAL SECURITY issue first and foremost, while protecting the environment and wildlife.

Thank you
Garland Garrett

From: Jewell Carpenter <[REDACTED]>
Sent: Tuesday, October 5, 2021 1:57 AM
To: SpaceXBocaChica
Subject: Space X starbase Boca chica Texas USA

I believe that SpaceX team should be given the go ahead for proper testing of starship. To turn the surrounding area of starbase into a state or federal wildlife area, similar to Florida Kennedy space launch center. I do believe they should be required to do this, as well as have a on-site biologist maintaining observation of surrounding wildlife. As well as to allow public recreation for people except when major testing or launches are occurring. Not just the United States but all of humanity need this. Many of course want this, rockets are risky but they are also something inspiring. -
FAA team, thank you for acknowledging the safety and impact of surrounding areas inhabited by humans as well as other species. Humans and all species on this planet need this ASAP, as safely as rocketry can be. Again much thanks and godspeed to humanity.

From: GLEN HILLIER <[REDACTED]>
Sent: Tuesday, October 12, 2021 5:38 PM
To: SpaceXBocaChica
Subject: SpaceX at Boca Chica

To whom it may concern,

It is of the utmost importance to allow SpaceX to progress at Boca Chica Starbase in the most expedient manner possible. The small impact on the local environment and wildlife is an extremely small price to pay for the expansion of humanity and Earth's biosphere off earth.

Sincerely,

Glen Hillier

From: craig nehrkorn <[REDACTED]>
Sent: Tuesday, October 12, 2021 1:52 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Environmental Impact Public Comment

To whom it may concern,

As a person who has participated in a beach cleanup in this area before, alongside many of my former classmates, I can attest firsthand that the amount of trash left by visitors to the beach on an endless basis, including beer cans, folding chairs, pop up tents, fishing gear, fishing boat parts, diesel truck pollution, etc, greatly exceeds anything SpaceX could ever do to negatively impact the beach and surrounding area. Visitors tear up the beach and dunes in huge diesel trucks and Jeeps because they think it's fun. If anything, the temporary road closures due to SpaceX activities potentially create a POSITIVE environmental impact by granting the beach a reprieve from tourists! They have already created a positive publicity effect drawing national attention to an area most never knew of and are now learning about.

Regards

Craig
[REDACTED]

[Sent from Yahoo Mail for iPhone](#)

From: Company <[REDACTED]>
Sent: Tuesday, October 12, 2021 11:18 AM
To: SpaceXBocaChica
Cc: [REDACTED]
Subject: spaceX Boca Chica TX launch site PEA comments

Public Comment:

- 1.) Space is becoming ever more important to USA economy and defense
- 2.) Reducing the launch cost to orbit is a critical factor in supporting 1.). SpaceX with its Falcon 9 and Falcon heavy series of rockets has demonstrated the benefits of partial reusability. This series of rockets has brought back to the USA the majority of world commercial launch's because of reduced launch cost.
- 3.) The development of the Starship having complete reusability will further the USA gain in commercial launch market share.
- 4.) Significant reduction in launch cost is of strategic, economic and national security interest of the USA.
- 5.) Significant reduction in launch cost will enable new industries and markets in space tourism, mining and manufacturing. Markets potentially in the trillions of dollars.
- 6.) In open competition NASA has awarded it Artemus moon landing contract of 2.9 billion dollars to SpaceX. The Boca Chica Starbase is critical to successful complete this contract and return astronauts to the moons surface in a timely fashion.
- 7.) USAF Space Force has awarded SpaceX numerous contracts utilizing Starship based in Boca Chica. Any delay in commissioning Starbase will have clear National security impacts.
- 8.) In today's world and even more so in the future space is the high ground and the new frontier. It is critical that the USA lead in Space. Timely approval of Starbase Boca Chica is very important to our future.

I hope these comments will be considered as FAA considers approval of Starbase Boca Chica.

Rodney Clark
[REDACTED]
[REDACTED]
[REDACTED]

Sent from my iPhone

From: Robert Skala <[REDACTED]>
Sent: Tuesday, October 5, 2021 8:20 AM
To: SpaceXBocaChica
Subject: SpaceX Comments

A letter to the FAA,

I am just a small business owner in upstate New York, and I would like to mention my full support for the SpaceX program in Boca Chica Florida. I am in constant amazement what SpaceX has accomplished over the past few years, their accomplishments have been inspiring to many like me. My small company has been in business since 1993 designing and manufacturing STEM equipment for middle, high schools, universities working to get students interested in science, engineering, and math. I can't think of another company in recent years that have contributed to inspiring students STEM more than SpaceX.

SpaceX accomplishments were only overshadowed by one unforgettable evening when my Boy Scout camp allowed us to stay up late and watch Neil Armstrong take his first steps on the moon in 1969, I will never forget it. SpaceX accomplishments should be fully embraced by the FAA and US government, they have accomplished so much in a short period of time I can only imagine what they can do if they are embraced and supported.

Thanks for your time.
Robert Skala
[REDACTED]

From: Bekah Zielesch <[REDACTED]>
Sent: Tuesday, October 12, 2021 5:20 AM
To: SpaceXBocaChica
Subject: SpaceX Launch

Hello,

I am writing to discourage letting SpaceX continue to launch and continue their harmful practices in Boca Chica. They have destroyed over a 100 acres of land and more importantly, are destroying the surrounding nature preserves and endangered species. One solution is to do something similar to NASA, where they bought so much land there's a natural barrier between wildlife and NASA.

However, Elon built his in between state park and nature preserves. He has failed 5 times. It is time to move on and stop this nonsense. I urge you to block any further movements or developments.

Thank you,
Bekah Zielesch

--

Bekah Zielesch
ISDS Assistant Site Manager
[REDACTED]

From: floyd bertagnolli <[REDACTED]>
Sent: Tuesday, October 12, 2021 2:49 PM
To: SpaceXBocaChica
Subject: SPACEX PUBLIC COMMENT

Please approve SpaceX to fly Starships many times per year.
It is helping the entire world become multiplanetary...an historic and vital need!!!

Have a blessed day!
Floyd Bertagnolli
C: [REDACTED]

From: Jacob Khesa <[REDACTED]>
Sent: Tuesday, October 12, 2021 2:34 PM
To: SpaceXBocaChica
Subject: SpaceX Starship program

Hi there,

As the future generation of this beautiful planet we call home. We would like to pursue the goal of becoming a SpaceX faring civilization with absolute urgency... Thus we plead with The FAA to please allow SpaceX to continue with the advancement of the Starship program.

Kind regards,
Jacob Khesa
[REDACTED]

From: Brad Jakubowski <[REDACTED]>
Sent: Tuesday, October 12, 2021 4:02 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site comments of approval

Good day,
To whom this may concern.

I work in the municipal sector of Mississauga, the second largest city in Ontario Canada. As a rapidly growing city I have seen both the benefits of growth, and the down sides, In terms of environmental impacts. Everyday I watch trees, and natural habitats, ecosystems destroyed. All so someone can build a large unnecessary house or development. In spite of this and as a graduated Forestry Technician, and environmental scientist, I remain fully supportive of the SpaceX operations in Texas. Both in Mcgragor and Boca. I see the benefit of a large company bringing prosperity to regions of Texas neglected. I see the path SpaceX is moving towards as a benefit to all humans everywhere. Present and future. I support SpaceX operations in Texas as they have shown to support the environment and better of humans as a whole time and time again. This must be take. Into consideration.

Thank you for your time.
Brad Jakubowski

From: Patrik Lindholm <[REDACTED]>
Sent: Tuesday, October 12, 2021 11:35 AM
To: SpaceXBocaChica
Subject: SpaceX

The development and maintaining of the SpaceX facility is of utmost importance, so at the local public as well at the governmental state level.

From: Steve Hunt <[REDACTED]>
Sent: Thursday, October 7, 2021 8:15 PM
To: SpaceXBocaChica
Subject: Starbase Boca Chica

Dear Ms.Stacey Zee

I would like to give my full support to SpaceX and it's space operation from Boca Chica Texas USA. I am from Australia and love what Space X is doing for Space and Earth Travel. Amazing Tech and Energy going into design build & execute the future of Air & Space transport.

We need you guys to keep going and support from the US government agencies , FAA etc people of the world are right behind your gutsy effort for humanity.

Looking forward to FAA acceleration towards a speedy resolution for operational license for Space X & humanity

Regards Steve Hunt Australia

Sent from my iPhone

From: Joseph Harper <[REDACTED]>
Sent: Tuesday, October 12, 2021 10:20 AM
To: SpaceXBocaChica
Subject: Support for SpaceX

Dear guys making decisions,

I'm writing to support the development of SpaceX in Boca Chica. I hope that the overall picture of the benefits of the developments pursued by SpaceX will be a contributing factor in your decision to allow SpaceX to pursue those developments. Many of the beneficial technologies we have today are a direct result of the space program of the 60s and 70s. I have no doubt that such benefits will occur as SpaceX develops technologies to make us multi planetary. Pushing forward with such developments, can have positive repercussions as well as negative repercussions. Many of those positives are unknown to us, and will only be known to us if we allow such pursuits to continue. Thus, I am asking you to give SpaceX, a company that has demonstrated its ability to be successful, the freedoms to continue its pursuit. finally, the overall benefit that Elon musk and SpaceX contributed to humanity are obvious when you look at such developments as the boring company, Tesla, solar city. Let the Rockets fly baby let the Rockets fly.

Thank you for your time.

Joseph Harper

From: Superwidget Superwidget <[REDACTED]>
Sent: Tuesday, October 12, 2021 2:20 PM
To: SpaceXBocaChica
Subject: Support for SpaceX's development at Boca Chica

Dear Federal Aviation Administration (FAA)

I am emailing in support SpaceX's proposed development of Starship/Super Heavy program in Boca Chica, Texas.

Regarding the draft environmental review, I feel SpaceX should be licenced to do than 5 flights per year. A reasonable starting limit would be 5 flights per day.

In addition, a pipeline should be allowed to transfer natural gas to the Boca Chica site for conversion into methane.

Best regards
Neil Phillips
[REDACTED]

From: Tom Hansen <[REDACTED]>
Sent: Tuesday, October 12, 2021 6:38 PM
To: SpaceXBocaChica
Subject: Support SpaceX

Hello,

I support SpaceX activities. The benefits of advancing space technology long-term far outweighs short-term environmental impacts. Impacts are reversible and are expected to be negligible in relation to the state of Texas, the region, the country and the world.

Please respond favorably in a way that will allow this work to proceed as fast as possible.

Thank you,
Tom Hansen

From: Eric Beckman <[REDACTED]>
Sent: Tuesday, October 12, 2021 3:43 PM
To: SpaceXBocaChica
Subject: Support SpaceX

Please consider the benefits to humanity of allowing SpaceX to continue to apply significant contributions to human space exploration.

It's good for people, and good for the U.S.

Thank You

From: Soultimacy <[REDACTED]>
Sent: Tuesday, October 12, 2021 4:44 PM
To: SpaceXBocaChica
Subject: The Future Of Us All

I fully support the work, the innovations, by Ellon Musk he is a master of his gifts and crafts with Space X, Tesla, Tesla AI, Battery storage, fully sustainability and green energy.

We should all aspire to assist Ellon in this quest as a symbioses of natural assurance, it is our duty by every human being living and yet to be born to reach these goals nessary to transition this planet and every other universal body to sustainable energy, for the infinite existence of our species.

Forget money for it is mute, money is not a natural accurance in the universe that is man made. Life is the natural assurance in the universe. The human race was given the gift of creating that which we all aspire to with our mind and evolution.

Mr. D.R.M. Schimnowski
from [REDACTED]
--

Mr. D.R. M. Schimnowski
[REDACTED]

From: Brian Gillin ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Wednesday, October 13, 2021 1:27 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

I am fully aware that change is inevitable, but to go out of your way and lie to an entire community and the federal government is another thing completely. The government and the local people were promised minimal environmental impact and now it shows that it will be detrimental to our local environment. Not to mention the only natural habitat left for the ocelots.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Brian Gillin
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Mary Elizabeth Hollmann ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Wednesday, October 13, 2021 3:03 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

I live in Brownsville. This will effect my community. And I want to be safe.

AN ENVIRONMENTAL IMPACT STATEMENT (EIS) is needed to address cumulative impacts that have yet to be recognized by the Federal Aviation Administration and SpaceX, including but not limited to proposed Liquefied Natural Gas (LNG) export terminals and a proposed crude upgrading, processing and export facility that includes marine loading berths 6 miles off shore for loading of VLCC ships (65,000dwt Panamax sized) at the Port of Brownsville.

A LAUNCH FAILURE ANALYSIS should BE PART of the Environmental Impact Statement (EIS) to assess the risks to public safety and risks to the proposed infrastructure and operations at the Port of Brownsville and off-shore.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Mary Elizabeth Hollmann
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter| Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter| Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Linda Gillin ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Wednesday, October 13, 2021 11:15 AM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Linda Gillin
[REDACTED]
[REDACTED]
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Lauren Heiy <[REDACTED]>
Sent: Wednesday, October 13, 2021 9:58 AM
To: SpaceXBocaChica
Subject: environmental issues

Although Space x is a thriving entity and boom to economy it is also a major problem for the environment. It is surrounded by wetlands, protected wildlife areas and they tend to disregard that. They prohibit the use of a public beach and clear areas for parking for beach goers. It lies in a major migratory flyway and a Sea Turtle nesting area too. The largest the space ship the larger the noise, chance of fire, and air pollution. Have been to the beach prior and after Space X take over and I cried at the environmental destruction.

Thank you.

Lauren Heiy

Sent from [Mail](#) for Windows

From: Ken Utton <[REDACTED]>
Sent: Wednesday, October 13, 2021 9:44 AM
To: SpaceXBocaChica
Subject: FAA

I feel the FAA is hindering the advancement of space travel by doing useless stalling the launch of spaceX. The delay is affecting me and people interested in advancement of SpaceX **experimental** launce.

Sent from my iPad

From: [REDACTED]
Sent: Wednesday, October 13, 2021 10:10 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

This is Avedis Ghazarian and I would like to express my support and belief that the Starship project by SpaceX is potentially one of the most important developments on the face of this planet. It's ultimate goal is to easily enable spaceflight to become significantly less costly to the average joe citizen and to all people of the world and to make our species a multi planetary system. Should this project receive it's full support and accomplish it's goal will in turn also make the Earth a better place to live and offload the population issue by moving people off of this world. This is a call for the universal support of making spaceflight more common and within reach to the every-man and to help save the world and humanity itself.

From: [REDACTED]
Sent: Wednesday, October 13, 2021 9:04 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear Sirs; Please allow SpaceX to achieve the goals and government contracts that will allow the Superheavy propel mankind to the Moon, Mars and beyond. Please keep in mind SpaceX's past results.

From: [REDACTED]
Sent: Wednesday, October 13, 2021 11:02 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let's do this! This cutting edge technology will move humanity to other worlds. Provide us the ability to expand to Mars.

From: [REDACTED]
Sent: Wednesday, October 13, 2021 1:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please it is of the utmost importance to allow Space x to continue testing and launching star ship Thank you Dr Ryan Mcleod

From: [REDACTED]
Sent: Wednesday, October 13, 2021 5:11 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As a property owner in the surrounding area I have seen spacex do more to protect the environment than any other local business. With the cold snap last winter they helped to collect and save the sea turtles by placing them in warming areas. They have been good stewards of their surrounding environment.

From: [REDACTED]
Sent: Wednesday, October 13, 2021 6:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support SpaceX and what they are trying to achieve. The benefit to humankind outweighs any side effect by far

From: [REDACTED]
Sent: Wednesday, October 13, 2021 10:02 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

OPEN LETTER YOU ARE FREE TO SUBMIT TO THE FAA AS MEMBER OF OUR COMMUNITY Re: Draft Environment Assessment of the Boca Chica Operations of SpaceX. To: Stacey Zee, Environmental Protection Specialist, FAA James Repcheck, Manager Safety Authorization Division, FAA From: The YouTube Channel 'Common Sense Skeptic' Dated: October 13th, 2021 Re: Transcript of attached video. <https://youtu.be/7bdkcoiFaN0> To Whom It May Concern, This is an open letter to the FAA, addressed to Stacey Zee Environmental Protection Specialist, and James Repcheck, Manager Safety Authorization Division, in response to their September 17th 2021 posting on Twitter and the FAA website asking for public input regarding the Draft Programmatic Environmental Assessment of SpaceX StarShip/SuperHeavy launch vehicle Program. We are writing on behalf of our 31,000-member strong online community - our channel The Common Sense Skeptic has been following the activities of Elon Musk and SpaceX for several years now, and producing video content based largely on Musk's various claims made starting in July of 2020. We had intended to go through the 150+ page document point-by-point with our concerns, but we note that this document was not created by the FAA. This document was prepared by three environmental engineers who are SpaceX employees, and one employee named Brian Pownell, who is a transportation engineer working for a consulting firm named Kimley Horn & Associates. That firm seems to specialize in large city-scale infrastructure projects rather than anything remotely environmentally friendly. Upon completion, this document was submitted to Recheck at the FAA for consideration; and, as part of that consideration, your agency is now asking for input on this document outlining SpaceXs continued sprawl across the general Boca Chica area. To set the tone of this letter, we - our channel, and our online community - are space enthusiasts, but we do not support Elon Musk's unsanctioned, reckless and destructive activities in the Boca Chica area. Neither should the FAA, because the activities being conducted here do not resemble whatsoever the original intended, declared, permitted purpose of this site. A bit of history here, In the beginning, when SpaceX was shopping for launch sites and Texas threw their hat in the ring along with the city of Brownsville, Musk's declared intention was to establish a single launch pad and infrastructure for variations of the Falcon rocket, which was commissioned and endorsed by NASA to service the International Space Station as part of a \$1.6billion contract. This was how the proposed facility was to be built. To attract Musk and SpaceX to Brownsville, a list of incentives was presented to Musk, including \$2.3 million from the Texas Enterprise fund, and another \$13 million through the Cameron County Spaceport Development Corp, a private-public business which would quickly be turned against the residents of Boca Chica Village to force them out of their homes on Musk's orders. As part of this incentive package, Texas also changed state laws to allow Musk to launch one rocket per month, on weekdays between 7am and 7pm, Monday to Friday, excluding holidays. This state law also prevents SpaceX from being sued for noise complaints as a result of those launches - which were supposed to be of Falcon9 or Falcon Heavy launch vehicles. Since accepting the state's invitation and money, Musk has been operating in the Boca Chica area as if he has absolutely no oversight. Instead of building a single launch facility similar to SpaceX leases in Cape Canaveral and Vandenberg Space Force Base, Musk has instead constructed a massive industrial complex and launch operations centre in an area that is situated between no less than four separate ecologically important and sensitive areas. They are Boca Chica State Park. Brazos Island State Park, the Las Palomas Wildlife management area, and Boca Chica Beach. Musk's Launch centre is directly adjacent to every single one of those protected areas. AND, Musk has built a completely separate industrial manufacturing complex that was never accounted for in any other assessment! In 2014, your office - the Federal

Aviation Administration - released an EIS report commissioned in 2013 to evaluate the impact this launch complex would have on the surrounding environment and wildlife, with special emphasis on federally-protected species. That assessment was conducted using the following parameters: A) That the site would be a single launch platform, for B) A rocket system known as the Falcon, that was C) Launching NASA-endorsed missions in support of the International Space Station. In fact, it's right there in your cover artwork! The Falcon rocket, which carries capsules called Dragons (Cargo Dragon, Crew Dragon) is now a proven system - the Falcon being a 70m-tall multi-stage rocket requiring a propellant load of 395 tons in the first stage, and another 92 tons in the second stage, for a total of around 500 tons. According to the SpaceX user's guide for Falcon, the noise rating inside the fairing of the vehicle is 131.4dB. With those parameters and logistics in mind, the FAA conducted their initial environmental assessment and at the time the FAA indicated concerns surrounding the federally-protected and critically endangered mammal, bird and reptile species, naming the ocelot and jaguarundi; the Aplomado Falcon, piping plovers, and red knots; and the Kemp's Ridley, hawksbill, leatherback, loggerhead and green sea turtles. They are all named in the December 18, 2013 Final Biological and Conference Opinion Consultation number 02ETCC00-2012-F-0186. Your final report published in May of 2014 also noted the following state-protected species of flora and fauna in the area, including birds such as: The White-Faced Ibis Texas Botteri's Sparrow Sooty Tern This site is also part of a migration corridor for over 500 species of birds making annual migrations. The Rio Grande Valley Birding festival celebrates this site, and this single event brings in \$463 million to the region each year. Additional mammals that were listed include: The West Indian Manatee Southern Yellow Bat White-Nosed Coati And, the following reptiles were noted: Sheep Frog Black-Striped Snake Northern Cat-Eyed Snake Speckled Racer Texas Indigo Snake Texas scarlet snake Texas Horned Lizard Texas Tortoise Black-Spotted Newt Mexican Tree Frog South Texas Siren And the White-Lipped Frog There are also three types of plants on the state and federal endangered list that were noted: South Texas Ambrosia Texas Ayenia, and The Star Cactus. Both of these papers were drawn up using the parameters of the Falcon launch systems, which would be landing their boosters either in the Atlantic Ocean or on barges for recovery. Not on site. There is no 're-landing pad' in the original diagrams. But Musk isn't launching Falcons into orbit from this site. He's destructively testing a much bigger, unproven launch vehicle that is more powerful, more destructive and far louder than the vehicle this site was considered for. And there is absolutely no chance the above-noted endangered creatures and plant-life are not being adversely affected by the Spacex expansionist and testing activities happening at Boca Chica. The 100-acre wildfire caused by Musk at this site in 2019 is proof that SpaceX cannot be trusted with this biologically and ecologically sensitive area. In fact, Musk is quoted as telling the press, "We've got a lot of land with nobody around, so if it blows up, it's cool." It is important to recognize the difference between The Falcon 9 and the Starship, because these two vehicles bear no resemblance to each other. The Falcon9 with a Dragon capsule or fairing stands up to 70 meters tall. The StarShip, atop its superheavy booster stands 120 meters tall The Falcon 9 requires a combined propellant load of RP1 refined kerosene and LOX totalling 500 tons, firing 9 proven Merlin engines at launch The StarShip Super Heavy combined vehicle requires 4600 tons of liquid methane and LOX, firing up to 37 unproven Raptor engines at launch, as per SpaceXs submitted documents. The RP1 propellant used by Falcon9 is more stable at room temperature, stored at 20 degrees celsius and presents less of an explosion hazard than liquid methane which has to be kept stored at -161 Celsius as a cryogenic fuel. This is what happens when one of those tanks ruptures. The Falcon 9 has a noise rating of 131.4 db inside the fairing, a result up the 1.7 million pounds of thrust it produces. The Saturn V was measured at up to 220dB at the launch site, a result of the 7.6 million pounds of thrust it produces. And the SuperHeavy booster is expected to produce twice the power of a Saturn V with over 16 million pounds of thrust, potentially doubling the volume of the SaturnV vehicle at Launch. Decibels are measured on a logarithmic scale. For every 10 decibels, you are measuring double the energy being produced by this device. Let's call the volume of the Falcon 9 130db, rounded down. At 140 it is double that volume. At 150 it has quadrupled. 160, factor of 8. 170, factor of 16. 180, factor of 32. 190, factor of 64. 200, factor of 128. 210, factor of 256. Making the Saturn V at 220db 512x louder than then Falcon 9. And since the SuperHeavy booster promises double the thrust, we should expect it to be up to twice as loud as the Saturn V, making it 1024x louder than a Falcon 9. This level of energy isn't experienced as noise. Above 194dB sound is converted into a shock wave, and that shock wave will kill every living thing in the direct vicinity of the launch pad, and blast the eardrums out of every creature until that shock wave drops below 140dB. The destruction of hearing is often a fatal injury for animals. The Falcon9, at 131.4db was below the permanent hearing damage threshold. The

SuperHeavy at a possible 230dB would be 1000x times greater. So, the entire Appendix B of this document regarding the effects of noise, referred to throughout this document, is sheer, unmitigated nonsense, since they use 150dB as the SPL in the immediate area of the launch site on their diagrams on Page 11 of Appendix B. KBR has embarrassed themselves in this assessment by ignoring such obvious historical parallels using other known launch platforms ie: the Saturn V and Space Shuttle launches. Assuming their modelling is correct, and their numbers were just low we can swap out the 150 they used with the known 220db of a SaturnV launch and show that South Padre Island can expect to be blasted with 180-190 dBs of sonic energy. And every living thing in the Boca Chica area will be deafened or destroyed. These are demonstrable facts. So, too, is the destructive potential of the StarShip and SuperHeavy booster. In 2016, a Falcon9 such as the one Musk said would be launching from Boca Chica exploded on pad SLC40 at Cape Canaveral during propellant loading - meaning, this vehicle was not yet filled. Yet, this explosion was felt several miles away and destroyed SLC40, taking almost a year to rebuild. If this vehicle had been fully fuelled, it would have contained only 10% of a combined StarShip/SuperHeavy stack. It was not fully fuelled. In 1969, the Soviet Union launched a series of rockets known as N1s. N1-L5 was the second such launch, and it crashed on the launch pad after clearing the tower. That explosion was measured in kilotons, estimates ranging from one to seven kilotons. It decimated the launch complex and surrounding area, throwing debris ten kilometres from the site and raining burning fuel for half an hour. N1 was fuelled using RP1 and LOX, with a total load of propellant around 2300 tons. StarShip atop SuperHeavy carries twice this amount of methane and LOX, total of 4600 tons. Meaning, a loss of vehicle on the Boca Chica pad will be even larger with a greater degree of damage than the N1 catastrophe. At Cape Canaveral's Launch Pad 39A, where the Space Shuttle launched from, the closest civilian homes are 20 kilometres away in Titusville. At SpaceXs launch complex, the closest civilian homes are the remaining citizens of Boca Chica Village, only 2.4 kilometres away. The larger communities of Port Isabel and South Padre Island are only 8kms away. Populated areas of Mexico are about 12 kms away. And the Rio Grande, which acts at the Mexican/US border in this area, is only 4kms away. If operations at Boca Chica were being conducted with the same safeguards as the distance between Titusville and pad 39A, THIS is what that safety radius would look like, extending well into Mexico. Just out of curiosity, has anybody bothered to ask Mexico what they think about ICBMs being launched two miles from their territory? What agreements are in place with Mexico with regards to this launch site? What happens if one of these rockets lands in Mexico? And while we are on the topic of location, has it occurred to the FAA that if Musk's intention is to launch orbital rockets from this site, that the site is quite possibly the most ridiculous location imaginable? From Cape Canaveral, launches can take off in a wide swing of azimuths, but from Boca Chica the corridors available for launches are extremely limited. When this process began, you gave Musk what he wanted based on what he promised and he took ten times more. If the FAA continues down this path, he will never stop taking more than you agree to. In fact, despite the plans he outlines in this report bearing his company's name, these are not his end goals by any stretch of the imagination. This PEA submitted by SpaceX shows the next level of expansion he intends to pursue - doubling the size of the current launch facility. AND, he intends to build a five acre natural gas plant to power this expansion, complete with chimneys 150 ft tall. But he won't stop there. In April 2021, the Dallas Morning News questioned whether or not Musk could create his own city, which went hand in hand with Musk sending out a general hiring call for people to move to StarBase USA, as he now calls the area. In June 2021, Texas Monthly declared Elon Musk is turning Boca Chica into a space-travel hub. This is NOT what was proposed in 2012. If it had been, it would have been shot down immediately. But Musk has snuck in under your noses and created this situation that you have not halted, and now you need to step up and shut it down before it gets any further out of hand. You, the FAA, began conducting this new environmental assessment a year ago, announced on November 23 of 2020. You, the FAA, began taking public input on this topic at that time. Yet, since then: You have breached your own EIS and agreements with SpaceX by authorizing StarShip launches known as 'hops' for reasons unknown with no safety assurances from SpaceX. On December 8th, 2020, the FAA authorized the hop of SN8. This vehicle exploded on impact while landing. Despite SpaceX breaching their license with the FAA with the SN8 launch, and despite Musk attacking you on Twitter for holding up their 'progress', and despite Musk fuelling up the SN9 craft in defiance of a do not fly order while you conducted 'an investigation', the FAA then went on to authorize the launch of SN9 on February 2, 2021. This craft also exploded on impact while landing. A month later, on March 3rd, you authorized SN10 to hop. This machine exploded 8 minutes after a hard landing. The same month, SN11 launched with your misguided approval, through an impossibly foggy morning that

should have grounded all craft. That machine never even made back to Earth in one piece, and contaminated many square kilometres of the protected sanctuaries surrounding the Boca Chica area, spreading fields of stainless steel shrapnel across the landscape due to a mid-air explosion. Debris was flung 8 kilometres away from that explosion. THIS ALL HAPPENED WHILE YOUR NEW EIS ASSESSMENT WAS TAKING PLACE. Now, without FAA authorization and in defiance of warning letters from your office, Musk continues to build a 480ft/145m tall launch tower on the very edge of their launch site, right next to the fence. Media reports you, the FAA, telling Musk he is building this structure at their own risk, but Musk has in sheer defiance your warnings continued to build - right at the very edge of the complex. In fact, it is reported that Musk lied to your federal agency about this tower in May of 2021, declaring an environmental review was not necessary because this tower was not meant for launches and that they are only going to use it as an "integration tower for production, research and development purposes and not for FAA-licensed or -permitted launches." Meanwhile Musk and his company president Gwynne Shotwell were both telling SpaceX fans, employees and investors in June of 2021 that Musk was planning to launch the first orbital StarShip in July of 21, landing in the waters off Hawaii. That launch would have required a tower. There is no other launch tower on the Boca Chica site. Musk lied. Shotwell lied. And now SpaceX is installing arms on that same tower to catch the super heavy booster when it comes back to land - which is another unproven and highly dangerous maneuver not covered in the 2014 FAA EIS. In your original EIS from 2013/2014 there were no re-landings of craft at this site. Boosters from falcon 9 were to be dumped in the Atlantic or recovered from landing barges - not landing back at this site and creating a second chance for a loss of vehicle with catastrophic effect. These actions and changes of paradigm prove that no matter what conditions you place on Musk and SpaceX after reviewing this new draft programmatic environmental assessment, Musk will continue to do as he pleases until somebody eventually is forced to shut the entire complex down. In addition to the May 2014 Final EIS, there have been a number of WRs, or written re-evaluations. The FAA website summarizes that the contents of the 2014 EIS remain current and substantially valid - despite the fact the vehicle at the centre of this development is nine times larger, 1000x louder, and twice the height and width of the vehicle at the centre of the 2014 assessment while ignoring the sprawling industrial complex eating up real estate two kilometres away. In short, these written re-evaluations are pure nonsense, and the authors of those papers were in serious denial about the changes being made to the launch vehicle systems and the supporting infrastructure. And now, we are going to dive into a section of the PEA submitted by SpaceX, where Musk outlines the new infrastructure he intends to build to service his grand vision. There are several points we need to elaborate upon: The proposed expansion of the Boca Chica launch complex pictured on page 28, expanding it to more than twice the size it currently is, which is already far larger than what Musk originally proposed for this area. This is cause for great concern, extending and backfilling further and further out into the salt plains and marshlands. Orbital Launch Mount B at the 5 o'clock position is once again right at the very edge of the facility. At no other facility in Vandenberg or at Cape Canaveral is a launch platform constructed in such a way. Launch towers are located at the centre of a well-cleared, normally circular complex, giving a much-needed buffer between launch blast zones and the perimeter of the site. Page 32, article 2.1.4.7 describes a proposed 5.4acre, 250 megawatt natural-gas-powered power station with structures standing 150 feet, 50m tall is of even greater concern. If such a facility was located at the intersection of Eichorn Blvd and State Hwy 4, this would be the massive footprint required for this facility. And this is just for the power plant. Additional infrastructure being introduced in this paper include an expansion of the solar farm to double its size, a natural gas pretreatment facility, liquefier, and desalination plant - as listed quietly on page 9. A twitter personality known as ESG Hound who is an environmental engineer specializing in compliance has been gracious enough to share these slides demonstrating our points. Such a facility will require a pipeline to feed 50,000,000 cubic feet of natural gas to it daily. Constructing that pipeline across these tidal wetlands will be devastating to them. To obtain 50 million cubic feet of natural gas daily, this will require the output of 300 new wells, and all the associated energy required to drill and operate those wells. Those wells, according to ESG Hound, will be located at least 70 miles away from Boca Chica, because that's where the nearest natural gas producing fields are. This is backed up by this map from the Texas Commission on Environmental Quality. On this map each red dot is a gas well, each blue dot is an oil well. This power plant will require the output from 300 more red dots. Additionally, if they are processing the gas on this site, there will be byproducts from that refinement that will need to be disposed of and carted away. Using SpaceXs 250megawatt station as the starting point, ESG Hound uses their numbers to determine such a facility would require a non-stop array of tanker trucks to haul away 1.2 million

gallons of waste water, 6 million gallons of condensate, and 105 million pounds of gas co-product annually from processing field gas into the refined gas used by the power plant. And this, in no way shape or form, addresses the fuel requirements for these launch vehicles. This is just for the power plant that will be running 24/7, every day of the year. As will all the support facilities for this power plant. CONCLUSION: In 2014, the FAA believed they were authorizing a single launch complex, for a small rocket system that was endorsed by and created for NASA, that would launch monthly resupply and crew missions for the ISS, on weekdays between 7am and 7pm according to Texas state law. What you've allowed Musk to build in Boca Chica though non-intervention, without county, state or federal authorization, is his own private community, industrial rocket complex, private destructive testing range that pollutes protected sanctuaries, and multi-pad launch site for a completely different vehicle more akin to an ICBM that is unproven, a thousand times louder, with ten times the amount of explosive potential than the machine he promised - one that is a threat to everyone and everything in the area even if it doesn't explode. To recap some bullet points: Musk told federal and state authorities this site would become a single, typical launch platform similar to Cape Canaveral launch pads. He lied. This facility has become Musk's own personal destructive rocket testing range and 24/7 industrial manufacturing facility. Musk told federal and state authorities this site would be used to launch variations of Falcon in support of the ISS. He lied. Neither the Falcon, Falcon 9, nor Falcon Heavy have ever launched from Boca Chica, nor are there any plans to do so. Musk told federal and state these operations would take place from 7am to 7pm from Monday to Friday, not on weekends or on holidays. He lied. He has conducted tests at all hours of the day and night, and the manufacturing facility runs 24/7. Musk told state authorities he would honour an annual cap of 300 hours for blocking state Highway 4 to conduct launch operations. He lied. His security force in the area has in fact closed Hwy 4 in excess of 1,000 hours per year, telling those people they are redirecting they have authority from the county for the closures. They also lied. And, they are being charged with impersonating law enforcement as a result. Musk constructed a 50-storey launch tower without FAA authorization. You told him to stop. He didn't. In fact, he told you in writing this wasn't even a launch tower. He lied, and he is daring you to tell him to remove it. That is the pattern of Elon Musk. He lies. He takes. He forces his way in. And he challenges you to oppose him because if you do, "you're against him and his mission to save humanity." Which is all nonsense. You have the authority to stop this in its tracks and make Musk honour the original agreements. Let's reword that. You have the obligation to stop this in its tracks and make Musk honour the original agreements. You are, in fact, bound by your office's mandate to enforce these laws and shut down Boca Chica operations for non-compliance, to remove all unauthorized structures, and demand this site be returned to its natural state at Musk's expense. You, the FAA do not get to pick and choose which laws signatory parties have to obey based on their celebrity status. By doing so, you become complicit in the disasters to come, and they will eventually include human fatalities. From the FAA website: FAA ENDURING MISSION Our enduring mission is to provide the safest, most efficient aviation system in the world. FAA VISION We strive to reach the next level of safety and efficiency and to demonstrate global leadership in how we safely integrate new users and technologies into our aviation system. We are accountable to the American public and our aviation stakeholders. The FAA enduring mission statement is "to provide the safest, most efficient aviation system in the world. To reach the next level of safety and efficiency and to demonstrate global leadership in how we safely integrate new users and technologies into our aviation system." By ignoring your own declared mantra you are failing the residents, wildlife and populated areas around Boca Chica, allowing an eccentric billionaire with a terrible environmental and operational record to continue to operate in defiance of your orders, in breach of your agreements, in violation of state and federal laws, who will embarrass you through his 60 million twitter followers if he doesn't get his way. This document is an environmental assessment. The only conclusion the FAA can reach with regards to its contents is that there is no environmental benefit associated with this proposal, and if it is allowed to proceed will irreparably further harm the delicate unique ecosystems of Boca Chica. Accordingly, as a federal agency entrusted with the public good, the FAA must reject this proposal. We expect you to do your duty. Sincerely, The Common Sense Skeptic And YouTube Community.

From: [REDACTED]
Sent: Wednesday, October 13, 2021 5:51 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hi. Please consider allowing spacex to continue Launching its Rockets at Boca Chica. A colony on Mars would help us as a people to continue as a species in case of some disaster on earth. Thanks Robert Leece

From: Ares Draguna <[REDACTED]>
Sent: Wednesday, October 13, 2021 8:17 AM
To: SpaceXBocaChica
Subject: Regarding the SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Hello,

My name is Ares, I am 30 years old and I am a Computers Engineer working for a pharmaceutical company.

I have read the environmental assessment, and it is my opinion that the impact of the launch site, on the environment and surrounding wildlife, is minimal compared to the benefits that this site will bring to all humanity.

Therefore, I feel that your assessment is fair, considering that SpaceX is going through it's development stages, but I strongly feel that you should revisit this decision in the near future, to allow for more launches, both orbital and sub-orbital.

Thank you for your time and consideration,
Ares.

From: Russell Couper <[REDACTED]>
Sent: Tuesday, October 12, 2021 10:34 PM
To: SpaceXBocaChica
Subject: Space x

Hi we want to add our voice to the future space x is building for us.
Thank you to Elon and all the people working so hard for us.
Cheers from the Cooper family.
Sent from my iPhone

From: Vollink, Dennis <[REDACTED]>
Sent: Wednesday, October 13, 2021 9:43 AM
To: SpaceXBocaChica
Subject: Space X Boca Chica Launch Site Environmental Review

Dear Sir,

I have downloaded and reviewed the executive summary of the "Draft Programmatic Environmental Assessment for the Space X Starship/Super Heavy Launch program at Boca Chica, Texas" and strongly encourage you, the FAA, to approve as quickly as possible the environmental approval for the planned experimental launches. NASA and all of us as concerned citizens, need an aggressive space program that has timely FAA approval to be able to move forward with us competing on the world stage. These unmanned test missions are crucial to these goals.

As a registered Professional Engineer in the state of Texas, I feel the environmental impact is manageable with the plan put forward. Please approve.

Sincerely,
Dennis

Dennis Vollink, PE

From: vince puleo <[REDACTED]>
Sent: Wednesday, October 13, 2021 6:05 PM
To: SpaceXBocaChica
Subject: SpaceX Approval

Of course SpaceX should be allowed to launch rockets and spacecraft from Boca Chica.

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From: Franklin Ratliff <[REDACTED]>
Sent: Wednesday, October 13, 2021 1:24 PM
To: [REDACTED] SpaceXBocaChica
Cc: [REDACTED]
Subject: SpaceX is in violation of H.4 SAFETY AND HEALTH (NFS 1852.223-70) (APR 2002)
Attachments: section_h166_redacted.pdf

<https://www.youtube.com/watch?v=7bdkcoiFaN0>

The environmental damage alone puts SpaceX's current activities at Boca Chica as a NASA contractor for HLS in violation of H.4 SAFETY AND HEALTH (NFS 1852.223-70) (APR 2002) of SECTION H - SPECIAL CONTRACT REQUIREMENTS.

- Sincerely, Franklin Ratliff

SECTION H - SPECIAL CONTRACT REQUIREMENTS**H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

I. FAR (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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There are no clauses in this section.

II. NFS (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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1852.208-81	NOV 2004	RESTRICTIONS ON PRINTING AND DUPLICATING
1852.223-75	FEB 2002	MAJOR BREACH OF SAFETY OR SECURITY
1852.223-76	JUL 2003	FEDERAL AUTOMOTIVE STATISTICAL TOOL REPORTING
1852.225-70	FEB 2000	EXPORT LICENSES (ALT 1) (FEB 2000) (b) The Contractor shall be responsible for obtaining export licenses, if required, before utilizing foreign persons in the performance of this contract, including instances where the work is to be performed on-site at JSC, where the foreign person will have access to export-controlled technical data or software.
1852.228-76	OCT 2012	CROSS-WAIVER OF LIABILITY FOR INTERNATIONAL SPACE STATION ACTIVITIES
1852.246-70	MAR 1997	MISSION CRITICAL SPACE SYSTEM PERSONNEL RELIABILITY PROGRAM

(End of By Reference Section)

H.2 LIMITATION ON FUTURE CONTRACTING

(a) The Contracting Officer has determined that this acquisition may give rise to a potential organizational conflict of interest. Accordingly, the attention of prospective offerors is invited to FAR Subpart 9.5--Organizational Conflicts of Interest.

(b) The nature of this conflict is defined in Attachment J-15, Government Organizational Conflict of Interest (OCI) Assessment of FDOC.

(c) The restrictions upon future contracting are as follows:

(1) If the Contractor alone, under the terms of this contract, or through the performance

of tasks pursuant to this contract, is required to develop complete specifications or complete statements of work that are to be incorporated into a solicitation, the Contractor shall be ineligible to perform the work described in that solicitation as a prime or first-tier subcontractor under an ensuing NASA contract. This restriction shall remain in effect for a reasonable time, as agreed to by the Contracting Officer and the Contractor, sufficient to avoid unfair competitive advantage or potential bias (this time shall in no case be less than the duration of the initial production contract). Both NASA and the Contractor agree to make good faith efforts to avoid, mitigate, or neutralize any OCI issues that may arise. Attachment J-15 identifies a NASA strategy designed to address OCI concerns.

(2) To the extent that the work under this contract requires access to proprietary, business confidential, or financial data of other companies, and as long as these data remain proprietary or confidential, the Contractor shall protect these data from unauthorized use and disclosure and agrees not to use them to compete with those other companies.

(End of clause)

H.3 DELIVERY/TASK ORDERING PROCEDURE (CLINs 003, IDIQ & 004, LOE)

(a) Only the Contracting Officer may issue delivery or task orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of delivery or task orders and delivery or task order modifications issued in accordance with this clause. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

(b) Prior to issuing a delivery or task order, the Contracting Officer shall (if applicable) provide the Contractor with the following data:

(1) A functional description of the work identifying the objectives or results desired from the contemplated delivery or task order.

(2) Proposed performance standards to be used as criteria for determining whether the work requirements have been met.

(3) A request for a task plan from the Contractor to include the technical approach, period of performance, appropriate cost information, OCI assessment, and any other information required to determine the reasonableness of the Contractor's proposal.

(c) Within 10 calendar days after receipt of the Contracting Officer's request, the Contractor shall submit a task plan conforming to the request.

(d) After review and any necessary discussions, the Contracting Officer may issue a delivery or task order to the Contractor containing, as a minimum, the following:

(1) Date of the order.

(2) Contract number and order number.

(3) Functional description of the work identifying the objectives or results desired from the delivery or task order, including special instructions or other information necessary for

performance of the task.

- (4) Performance standards, and where appropriate, quality assurance standards.
- (5) Maximum dollar amount authorized (cost and fee or price). This includes allocation of award fee among award fee periods, if applicable.
- (6) Any other resources (travel, materials, equipment, facilities, etc.) authorized.
- (7) Delivery/performance schedule including start and end dates.
- (8) If contract funding is by individual delivery or task order, accounting and appropriation data.
- (e) The Contractor shall provide acknowledgment of receipt to the Contracting Officer within 5 calendar day after receipt of the delivery or task order.
- (f) If time constraints do not permit issuance of a fully defined delivery or task order in accordance with the procedures described in paragraphs (a) through (d), a delivery or task order which includes a ceiling price may be issued.
- (g) The Contracting Officer may amend tasks in the same manner in which they were issued.
- (h) In the event of a conflict between the requirements of the delivery or task order and the Contractor's approved task plan, the delivery or task order shall prevail.

(End of clause)

H.4 SAFETY AND HEALTH (NFS 1852.223-70) (APR 2002)

- (a) Safety is the freedom from those conditions that can cause death, injury, occupational illness, damage to or loss of equipment or property, or damage to the environment. NASA's safety priority is to protect: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including contractor employees working on NASA contracts), and (4) high-value equipment and property.
- (b) The Contractor shall take all reasonable safety and occupational health measures in performing this contract. The Contractor shall comply with all Federal, State, and local laws applicable to safety and occupational health and with the safety and occupational health standards, specifications, reporting requirements, and any other relevant requirements of this contract.
- (c) The Contractor shall take, or cause to be taken, any other safety, and occupational health measures the Contracting Officer may reasonably direct. To the extent that the Contractor may be entitled to an equitable adjustment for those measures under the terms and conditions of this contract, the equitable adjustment shall be determined pursuant to the procedures of the changes clause of this contract; provided, that no adjustment shall be made under this Safety and Health clause for any change for which an equitable adjustment is expressly provided under any other clause of the contract.

(d) The Contractor shall immediately notify and promptly report to the Contracting Officer or a designee any accident, incident, or exposure resulting in fatality, lost-time occupational injury, occupational disease, contamination of property beyond any stated acceptable limits set forth in the contract Schedule; or property loss of \$25,000 or more, or Close Call (a situation or occurrence with no injury, no damage or only minor damage (less than \$1,000) but possesses the potential to cause any type mishap, or any injury, damage, or negative mission impact) that may be of immediate interest to NASA, arising out of work performed under this contract. The Contractor is not required to include in any report an expression of opinion as to the fault or negligence of any employee. In addition, service contractors (excluding construction contracts) shall provide quarterly reports specifying lost-time frequency rate, number of lost-time injuries, exposure, and accident/incident dollar losses as specified in the contract Schedule.

(e) The Contractor shall investigate all work-related incidents, accidents, and Close Calls, to the extent necessary to determine their causes and furnish the Contracting Officer a report, in such form as the Contracting Officer may require, of the investigative findings and proposed or completed corrective actions.

(f)(1) The Contracting Officer may notify the Contractor in writing of any noncompliance with this clause and specify corrective actions to be taken. When the Contracting Officer becomes aware of noncompliance that may pose a serious or imminent danger to safety and health of the public, astronauts and pilots, the NASA workforce (including contractor employees working on NASA contracts), or high value mission critical equipment or property, the Contracting Officer shall notify the Contractor orally, with written confirmation. The Contractor shall promptly take and report any necessary corrective action.

(2) If the Contractor fails or refuses to institute prompt corrective action in accordance with subparagraph (f)(1) of this clause, the Contracting Officer may invoke the stop-work order clause in this contract or any other remedy available to the Government in the event of such failure or refusal.

(g) The Contractor (or subcontractor or supplier) shall insert the substance of this clause, including this paragraph (g) and any applicable schedule provisions and clauses, with appropriate changes of designations of the parties, in all solicitations and subcontracts of every tier, when one or more of the following conditions exist:

(1) The work will be conducted completely or partly on premises owned or controlled by the Government.

(2) The work includes construction, alteration, or repair of facilities in excess of the simplified acquisition threshold.

(3) The work, regardless of place of performance, involves hazards that could endanger the public, astronauts and pilots, the NASA workforce (including Contractor employees working on NASA contracts), or high value equipment or property, and the hazards are not adequately addressed by Occupational Safety and Health Administration (OSHA) or Department of Transportation (DOT) regulations (if applicable).

(4) When the Contractor (or subcontractor or supplier) determines that the assessed risk and consequences of a failure to properly manage and control the hazard(s) warrants use of the clause.

(h) The Contractor (or subcontractor or supplier) may exclude the provisions of paragraph (g) from its solicitation(s) and subcontract(s) of every tier when it determines that the clause is not necessary because the application of the OSHA and DOT (if applicable) regulations constitute adequate safety and occupational health protection. When a determination is made to exclude the provisions of paragraph (g) from a solicitation and subcontract, the Contractor must notify and provide the basis for the determination to the Contracting Officer. In subcontracts of every tier above the micro-purchase threshold for which paragraph (g) does not apply, the Contractor (or subcontractor or supplier) shall insert the substance of paragraphs (a), (b), (c), and (f) of this clause).

(i) Authorized Government representatives of the Contracting Officer shall have access to and the right to examine the sites or areas where work under this contract is being performed in order to determine the adequacy of the Contractor's safety and occupational health measures under this clause.

(j) The contractor shall continually update the safety and health plan when necessary. In particular, the Contractor shall furnish a list of all hazardous operations to be performed, and a list of other major or key operations required or planned in the performance of the contract, even though not deemed hazardous by the Contractor. NASA and the Contractor shall jointly decide which operations are to be considered hazardous, with NASA as the final authority. Before hazardous operations commence, the Contractor shall submit for NASA concurrence -

(1) Written hazardous operating procedures for all hazardous operations; and/or

(2) Qualification standards for personnel involved in hazardous operations.

(End of clause)

H.5 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989)

(a) The personnel and/or facilities listed below (or specified in the contract Schedule) are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided, that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities (shown below or as specified in the contract Schedule) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

<u>NAME</u>	<u>TITLE</u>
Therese Thrift	Program Manager
(b) (4)	Deputy Program Manager
	Business Operations Manager
	Systems Support Services Manager
	Strategic Services Manager

No key facilities identified.

(End of clause)

**H.6 OBSERVANCE OF LEGAL HOLIDAYS (NFS 1852.242-72) (AUG 1992) (ALT 1)
(SEPTEMBER 1989)**

(a) The on-site Government personnel observe the following holidays:

New Year's Day

Labor Day

Martin Luther King, Jr.'s Birthday

Columbus Day

President's Day

Veterans Day

Memorial Day

Thanksgiving Day

Independence Day

Christmas Day

Any other day designated by Federal statute, Executive order, or the President's proclamation.

(b) When any holiday falls on a Saturday, the preceding Friday is observed. When any holiday falls on a Sunday, the following Monday is observed. Observance of such days by Government personnel shall not by itself be cause for an additional period of performance or entitlement of compensation except as set forth within the contract.

(c) On-site personnel assigned to this contract shall not be granted access to the installation during the holidays in paragraph (a) of the clause, except as follows: the Contractor shall provide sufficient on-site personnel to perform round-the-clock requirements of critical work already in process, unless otherwise instructed by the Contracting Officer or authorized representative. If the Contractor's on-site personnel work during a holiday other than those in paragraph (a) of this clause, no form of holiday or other premium compensation shall be reimbursed as either a direct or indirect cost. However, this does not preclude reimbursement for authorized overtime work that would have been overtime regardless of the status of the day as a holiday.

(d) The Contractor shall place identical requirements, including this paragraph, in all subcontracts that require performance of work on-site, unless otherwise instructed by the Contracting Officer.

(End of Clause)

H.7 SMALL BUSINESS SUBCONTRACTING GOALS

For purposes of this clause, refer to Attachment J-4, Small Business Subcontracting Plan.

(End of clause)

H.8 ASSOCIATE CONTRACTOR AGREEMENT (ACA) FOR FDOC ACTIVITIES

(a) The success of the FDOC is dependent on the efforts of multiple contractors. The FDOC contractor is a key participant. The other contracts of the key participating contractors are:

NNM12AA10C	Huntsville Operations Support Center (HOSC) Services Contract
NNG04DA00C	Near Earth Networks Services (NENS)
NNJ08JA01C	Logistics Operations Contract
NNJ08JA02C	Facilities Support Services Contract
NNJ13JA01C	JSC Environmental Services Contract
NAS902078	Bioastronautics Contract
NNJ10HD35C	NBL SVMF Operations Contract (NSOC)
NNJ13HA01C	JSC Engineering Technology and Science Contract (JETS)
NNJ09HA15C	Integrated Mission Operations Contract (IMOC)
NNJ06TA25C	Orion, CEV Phase II
NAS15-10000	International Space Station (ISS) Contract
NNM07AB03C	Ares I Upper Stage Production Contract
NNJ12GA46C	Mission and Program Integration (MAPI) Contract
NNJ12GA47C	Russian Language and Logistics Services (RLLS)

Under the aforementioned contracts and their successors, the contractors will provide the necessary technical, engineering and processing products and services required to develop, operate, maintain and utilize FDOC systems.

(b) In order to achieve efficient and effective implementation of the FDOC, the contractor shall establish the means for coordination and exchange of information with associate contractors. The information to be exchanged shall be that required by the contractors in the execution of their respective contract requirements. The contractors are strongly encouraged to seek out and foster cooperative efforts that will benefit the Mission Operations Directorate (MOD) with increased safety, efficiency, and productivity.

(c) Given the unique role of this contract in developing, operating, maintaining and utilizing the FDOC systems, the contractor will engage in cooperative relationships that facilitate effective management of the overall FDOC effort. This joint cooperation will be evaluated as part of the contract award fee process, as defined in Attachment J-3, Award Fee Plan for the contract. Successful performance will be determined by the Government's assessment of the overall and combined performance of the operation and utilization requirements in the contracts, as modified.

(d) To ensure successful implementation and utilization of the FDOC, the contractors shall establish formal guidelines to address coordination, cooperation and communication. All program elements shall work in a coordinated fashion. Each contractor shall establish the means for the exchange of such data as needed to keep other project elements fully informed.

(End of clause)

H.9 SPECIAL PROVISION FOR CONTRACT CHANGES (CLIN 002)

The parties agree that, notwithstanding the provisions of the "Changes" clause and the "Government Property" clause, no baseline (CLIN 002) change made pursuant to the "Changes"

clause shall give rise to an equitable adjustment in the estimated cost or fee or any other contract provision when said change causes an increase or decrease of \$500,000 or less in the estimated cost of this contract.

Each change shall be controlling in making this determination, and such change shall not, for purposes of determining the applicability of this clause, be added to any other changes(s). The parties recognize that several changes may be grouped together in a bilateral modification for definitization; however, the dollar value of each individual change will be controlling in determining whether or not an equitable adjustment is in order.

(End of clause)

H.10 CONTRACT EXTENSION RESULTING FROM PROTESTS

(a) If the award of a successor contract to perform the services being performed under this contract is delayed because of a protest, the Contracting Officer may extend the period of performance on this contract to cover any delay caused by such a protest. The Contractor shall be entitled to an equitable adjustment for such an extension, subject to the limitations of paragraph (b).

(b) The final award fee evaluation period may be extended to include the contract extension period provided for in paragraph (a). However, if the Contractor is the protester or one of the protesters, no additional fee shall be put in the award fee pool or otherwise made available to the Contractor, unless the Contractor or another protester substantially prevails in the protest.

(End of clause)

H.11 ENVIRONMENTAL AND ENERGY CONSERVATION REQUIREMENTS

The Contractor shall ensure that all work performed and equipment used to fulfill the requirements of this contract are in compliance with all Federal, state, and local regulations and public laws, and the following NASA JSC directives: JPD 8500.1, JSC Environmental Excellence Policy; JPR 8550.1, JSC Environmental Compliance Procedural Requirements; JPR 8553.1, JSC Environmental Management System (EMS) Manual; CWI JE9W-06, EMS Aspect/Impact Assessment and EMP Process; NPR 8570.1, Energy Efficiency and Water Conservation; JSC's Energy and Water Conservation 5-Year Plan; and CWI J69W-03, Energy Conservation. The Contractor shall provide data on affirmative procurement, waste reduction activity, energy efficient product procurement, and ozone depleting substances in accordance with DRD-FDOC-0037, Environmental and Energy Consuming Product Compliance Reports.

The Government remains the owner and operator of record for all environmental activities conducted at NASA owned properties unless otherwise documented in a signed agreement between NASA and the Contractor. The Contractor is advised that activities performed at JSC and associated facilities are subject to Federal, state and local regulatory agency inspections to review compliance with environmental laws and regulations. For on-site issues, JSC's Environmental Office will be the single point of contact with Federal and state regulatory agencies and their representatives unless otherwise directed by the Contracting Officer or the Environmental Office. The Contractor shall immediately notify the JSC Environmental Office when contacted by external regulatory agency representatives and shall cooperate fully. The Contractor shall complete, maintain, and make available to the Contracting Officer, JSC Environmental Office, JSC Energy Manager, or regulatory agency personnel all documentation relating to environmental compliance matters under applicable laws. The Contractor shall immediately notify the JSC Environmental Office upon issuance of a Notice of Violation or noncompliance to the Contractor.

Should a Notice of Violation, Notice of Noncompliance, Notice of Deficiency, or similar regulatory agency notice be issued to the Government as a facility owner/operator on account of the actions or inactions of the Contractor or one of its subcontractors in the performance of work under this contract, the Contractor shall fully cooperate with the Government in correcting any problems and defending against regulatory assessment of any civil fines or penalties arising out of such actions or inactions.

(End of clause)

H.12 INNOVATIONS

Upon Government approval via Clause G.5, Technical Direction, the contractor shall implement innovations listed in Appendix E of Attachment J-13a, Continuous Improvement Plan. The total estimated price to perform these innovations is included in B.3, Estimated Cost and Award Fee, CLIN 002, baseline requirements.

(End of Clause)

H.13 REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFEROR

The completed provision 52.204-8, Annual Representations and Certifications, including any amended representation(s) made at paragraph (c) of the provision; and other representations, certifications, and other statements contained in Section K completed and submitted as part of the

offer dated October 8, 2008 are hereby incorporated by reference in this resulting contract.

(End of Clause)

H.14 ADMINISTRATIVE LEAVE (JSC 52.242-94) (SEP 2008)
(see JSC Procurement Instruction (JPI) 00-31)

(A) When the NASA installation grants administrative leave to its Government employees (e.g., as a result of inclement weather, potentially hazardous conditions, or other special circumstances), the following personnel should also be dismissed upon notification of a center closure provided by the Contracting Officer

1. Contractor personnel working on-site; and
2. Contractor personnel dedicated to the contract effort who are
 - a. working off-site within 10 miles of JSC; and
 - b. unable to perform their NASA contract duties at their off-site location because their normal place of business has been or is expected to be negatively impacted by an emergency situation (e.g. has sustained damage, has been evacuated, etc.

However, the contractor shall provide sufficient on-site personnel to perform round-the-clock requirements of critical work already in process, unless otherwise instructed by the Contracting Officer or authorized representative.

(B) Administrative leave granted under this clause shall be subject to modification or termination by the Contracting Officer and in all instances shall be subject to the availability of funds. The cost of salaries and wages to the Contractor for the period of any such excused absence shall be a reimbursable item of cost under this contract for effected employees in accordance with the Contractor's established accounting policy.

1. If a labor hour-based contract, administrative leave granted under this clause shall be accounted for consistent with productive hours under this contract for employees in accordance with the Contractor's established accounting policy.
2. For fixed price contracts based on other than labor hours for deliverables, the Contracting Officer and Contractor shall as a precondition to any reimbursement negotiate an advanced agreement to determine the appropriate method in which to grant administrative leave under this clause.
3. All invoices requesting payment under this clause shall be marked as "Administrative Leave in accordance with 52.242-94, Administrative Leave." All such invoices paid will be subject to review, audit, and revision when routine operations re-commence.

(C) The Contractor shall include this clause in all services subcontracts that include personnel in the categories described in (a) above.

(End of Clause)

H.15 NOTIFICATION PRIOR TO ACQUIRING INFORMATION TECHNOLOGY SYSTEMS FROM ENTITIES OWNED, DIRECTED OR SUBSIDIZED BY THE PEOPLE'S REPUBLIC OF CHINA (1852.225-74) (JUN 2013) (Deviation)

(a) Definitions—

"Acquire" means procure with appropriated funds by and for the use of NASA through purchase or lease.

"Entity owned, directed or subsidized by the People's Republic of China" means any organization incorporated under the laws of the People's Republic of China. **"Information Technology (IT) System"** means the combination of hardware components, software, and other equipment to make a system whose core purpose is to accomplish a data processing need such as the automatic acquisition, storage, analysis, evaluation, manipulation, management, movement, control, display, switching, interchange, transmission or reception of data. IT systems include ground systems in support of flight hardware. IT systems do not include---

- (i) Systems acquired by a contractor incidental to a contract;
- (ii) Imbedded information technology that is used as an integral part of the product, but the principal function of which is not the acquisition, storage, analysis, evaluation, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information. For example, HVAC (heating, ventilation, and air conditioning) equipment such as thermostats or temperature control devices, and medical equipment where information technology is integral to its operation, are not information technology systems;
- (iii) Services in support of IT systems, such as help desk services; or
- (iv) Flight hardware, which includes aircraft, spacecraft, artificial satellites, launch systems, sounding rockets, on-board instrument and technology demonstration systems, and equipment operated on the International Space Station; as well as prototypes, and engineering or brass boards created and used to test, troubleshoot, and refine air-and spacecraft hardware, software and procedures.

b) Section 516 of the Consolidated and Further Continuing Appropriation Act, 20] 3 (Pub. L.] 13-6), requires NASA's Office of the Chief Information Officer (OCIO) to assess the risk of cyber-espionage or sabotage of an information technology (IT) system that is produced, manufactured, or assembled by an entity owned, directed or subsidized by the People's Republic of China (PRC). The Government retains the right to reject any IT system tendered for acceptance under this Contract, without any further recourse by, or explanation to, the Contractor, if the Government determines the IT system, in whole or in part, presents an unacceptable risk to national security.

c) The Contractor shall obtain the approval of the Contracting Officer before acquiring any IT system(s) from entities owned, directed or subsidized by the People's Republic of China under this contract. Any Contractor request to use such items shall include adequate information for Government evaluation of the request, including—

- 1) A brief description of the item(s); and
- (2) Vendor/manufacturer's company name and address;

(End of Clause)

[END OF SECTION]

From: Lolita Davidovich <[REDACTED]>
Sent: Wednesday, October 13, 2021 6:22 AM
To: [REDACTED]
Cc: SpaceXBocaChica
Subject: SpaceX launch site expansion

To Filemon Vela

and the Federal Aviation Administration –

I am deeply concerned about the SpaceX launch site expansion and its economic, cultural, & environmental impacts on the region. Since the operations began in Brownsville, TX, numerous explosions have threatened public safety, caused dangerous fires near wildlife refuges, and stripped locals' access to the pristine beach. These explosive risks will only increase because of three liquefied natural gas (LNG) terminals, with their safety hazards, plan to build within 6-miles of SpaceX. The facility is also actively gentrifying the region by displacing people from their homes at Boca Chica Village. SpaceX should not be allowed to expand and increase the size and scale of these damages.

Our elected officials and SpaceX should not be allowed to privatize or commercialize Boca Chica and further restrict access from the public. Boca Chica beach is culturally and spiritually sacred to the Rio Grande Valley people, especially to the Carrizo Comecrudo Tribe of Texas, who were never consulted about the SpaceX project.

For these reasons, the FAA should reject Elon Musk's plans to expand the SpaceX facility because of the negative impacts on the region. At the very least, the FAA needs to extend the commenting period because of the increase in COVID-19 cases in South Texas and should provide a hearing with Spanish interpreting and closed captioning for the public to ask questions about operations.

Sincerely,

Luanne Vela

From: Vincent See <[REDACTED]>
Sent: Wednesday, October 13, 2021 1:18 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Please let space x continue there work. They are inspiring the world and are a shining beacon of hope. I am excited to leave earth from Texas with my family one day for a vacation. Please don't slow down humanity progress to becoming a multi planetary species.

It is only a matter of time before the earth is uninhabitable due to one reason or another, we need humanity to expand into space to ensure we survive the enviable end of the earth.

From: Anthony McWilliams <[REDACTED]>
Sent: Wednesday, October 13, 2021 7:19 AM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Back around 2012 when I first learned about SpaceX considering Boca Chica beach for a launch site, I was very excited. I have been a fan of space and all things related to space. NASA has been falling behind on the development of human exploration so to see that a commercial company was going to locate in our area was a great feeling.

I am a high school engineering teacher in Brownsville and before SpaceX, there weren't many jobs in the field in the RGV. Most students that did continue to pursue engineering in college had to leave the RGV causing the "brain drain."

Fast forward to today and not only is Boca Chica a launch site but also the site for Starbase. Having SpaceX less than half an hour to Brownsville has helped our city attract aerospace and energy related companies such as Space Channel, Paragon VTOL and AYPa Power. Brownsville has also seen more interest in revitalizing our downtown area to prepare for people that have and will be moving to our area to work in these related fields. Brownsville will be a launch site not just to LEO but also to the moon, mars and beyond. Not many cities can have that on their resumes.

As for the environment and wildlife that surrounds SpaceX Boca Chica, I am sure that compromises can be made to limit any disruption or damage to the area. The FAA should compare Boca Chica to the Cape Canaveral launch site and its environmental effects. Has there been any negative impacts at Cape Canaveral? If so, how has it been mitigated? Eventually, SpaceX has suggested that launches would be offshore from Boca Chica after the experimental phase.

I fully support the continued development of SpaceX Boca Chica and Starbase. The FAA should NOT stop the development and launch site as it would hinder our human progress to get to space and travel among the stars. Any launch site in the US would be in sensitive wildlife areas so it would not make sense to stop progress as then there would not be any place else to launch if the FAA deems Boca Chica off limits to launch Starship.

Let progress continue with compromises and policies in place to allow both the development and launch of Starship while protecting the sensitive wildlife area.

Thank you.

Anthony McWilliams

From: Michael Day <[REDACTED]>
Sent: Tuesday, October 12, 2021 9:08 PM
To: SpaceXBocaChica
Subject: SpaceX Starship/Super Heavy Comment

Dear Ms. Zee,

I am emailing you to make my voice heard in support of SpaceX's Starship program launching from Boca Chica, TX. I have followed the U.S. space program nearly all of my 50 years and in my informed opinion, the rapid reusability championed by Elon Musk and exemplified by the Starship/Super Heavy project will be a revolutionary turning point in not only the US space program, but I believe, in the history of humanity. If the Starship/Super Heavy project proves successful, and I believe it will, it will do no less than literally open the solar system enabling humanity to become a spacefaring species by radically lowering launch costs as never seen before. This will make travel to space become more routine than ever before. It will be the 21st century equivalent of the continental railroad of the 19th century.

Further, I believe the relatively minor impact on the environment will be worth the risk for the sake of our future. Please count my vote as a "yes". Thank you for your attention.

Please add me to the mailing list

Sincerely,
Michael Day

From: Brian Brown <[REDACTED]>
Sent: Wednesday, October 13, 2021 6:18 AM
To: SpaceXBocaChica
Subject: SpaceX super heavy licensing

I have several concerns about the proposed super heavy permitting.

Watching the 3 engine launches, it is hard to imagine launches several orders of magnitude larger. Failure of previous launches/landing at Boca Chica with much smaller rockets and fuel payloads caused potent shock waves felt on South Padre Island. I suspect that the super heavy would have much more fuel onboard. An explosion would almost certainly be breaking windows on the island.

Additionally, Boca Chica beach has been closed for days on end and several weeks yearly to accommodate a private company. No, we don't want to cede the use of Boca Chica beach to SpaceX.

Brian Brown

Sent from my iPhone

From: Adrian Woolf <[REDACTED]>
Sent: Wednesday, October 13, 2021 9:14 AM
To: SpaceXBocaChica
Subject: SpaceX

Hi,

My name is Adrian Woolf from the UK. I would like to register my FULL SUPPORT to Elon Musk and SpaceX for their spacport in Boca Chica.

It is such an important project for the future of humanity I cannot believe why anyone would want to oppose it.

I know this is in an area of wildlife, but that is always going to be the case with spaceflight. You cannot do these things near people obviously, so this will always be the case. Look at the wildlife around NASA facilities. These have probably been preserved by NASA being there, it stops the land being developed and keeps them as a reserve for nature. So to say this is bad for the local wildlife is simply not true.

Also look at what NASA has achieved for the USA and the world in general. None of this would have happened ie Moon Landings, had NASA been stopped by meddling from do gooders.

This is so important and I wish to register my full support.

Regards

Adrian Woolf

From: Joost Corporaal <[REDACTED]>
Sent: Wednesday, October 13, 2021 6:09 AM
To: SpaceXBocaChica
Subject: starship

Dear Sir/madam.

Please let SpaceX advance human civilization.

Cheers,

a Dutchman

From: Nathan Kossoff <[REDACTED]>
Sent: Wednesday, October 13, 2021 3:02 PM
To: SpaceXBocaChica
Subject: Yes Star base in Boca Chica

It is important to let SpaceX to progress with the Star Base at Boca Chica.

Let this American Hero build up the US economy, space business, and pride.
If you don't, it is a sure sign of corruption.

Our future may depend on this.

Sincerely,
Nathan



Nathan Kossoff

Director, Information Technology

[REDACTED] direct |

[REDACTED] mobile
[REDACTED]

From: Hans Appels <[REDACTED]>
Sent: Thursday, October 14, 2021 12:41 PM
To: SpaceXBocaChica
Subject: behoud Boka Chica

It is the utmost importance to allow space X to progress with Star Base at Boca Chica because the future of humanity depends on it.

From: Lisa Adam ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Thursday, October 14, 2021 2:48 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The initial "green light" given to SpaceX seems to have been interpreted by them as permission to do whatever they like, with minimal regard--bordering on evasion and duplicitousness--for accurate, complete, and timely environmental and cultural assessment. As a native South Texan and frequent visitor to the coast, I am appalled that our shared and irretrievable heritage of land, water, and natural and cultural resources are virtually being handed over to this mega-corporation whose motto seems to be "when they give us an inch, we'll take a mile."

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

Lisa Adam
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Meredith McGuire ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Thursday, October 14, 2021 8:45 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

Over many years, I have spent many wonderful hours birding and watching for other unique critters (still hoping to see an ocelot) near where Space X is now testing. There are many reasons to believe that the entire SpaceX project is causing (with noise, air pollution, vehicle traffic and other conditions not conducive to healthy animal habitat.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Meredith McGuire
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter| Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter| Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Aaronn Abramowitz <[REDACTED]>
Sent: Thursday, October 14, 2021 7:56 PM
To: SpaceXBocaChica
Subject: Comments on SpaceX Environmental Review
Attachments: FAA.docx

Hello,

I attach my comments on SpaceX Environmental Review for Starship program.

Best,
Aaron

To Whom It May Concern,

I encourage FAA to think in terms of cost-benefit analysis when finalizing environmental assessment for SpaceX Starship/Super Heavy Program. The benefit of providing SpaceX with launch license is development of the most advanced launch system built by mankind. This launch system will slash launch costs by up to 90% from currently most cost-efficient system (SpaceX Falcon 9/Falcon Heavy). This will enable setting bases on Moon and Mars as well as will kickstart space economy.

The cost is a risk of debris falling on nearby plants and maybe even loss of life of couple families of insects under some plant. Is this cost comparable to the benefit?

I understand that FAA may have incentives structured in a way that prevents it from giving fast approvals even to obviously safe projects. I understand that for some employees career risk from giving approval to the projects in which something could go wrong may even outweigh tremendous benefits for economic growth, innovation, technological progress and overall human prosperity coming from expanding human civilization to multiple planets, enables by Starship. But even for such employees approving SpaceX Starship launches is in their best personal interest. Just think about the increase in resources, flowing to FAA permitting divisions in 10 years, when Starship will conduct daily launches.

Please consider this comment as a full support for SpaceX Starship/Super Heavy Program. Please issue FONSI/mitigated FONSI as soon as possible.

Best regards,

Aaron

From: Samuel Rieder <[REDACTED]>
Sent: Thursday, October 14, 2021 3:48 AM
To: SpaceXBocaChica
Subject: Draft Environment Assessment of the Boca Chica Operations of SpaceX.

To Whom It May Concern,

This is an open letter to the FAA, addressed to Stacey Zee Environmental Protection Specialist, and James Repcheck, Manager Safety Authorization Division, in response to their September 17th 2021 posting on Twitter and the FAA website asking for public input regarding the Draft Programmatic Environmental Assessment of SpaceX StarShip/SuperHeavy launch vehicle Program.

We are writing on behalf of our 31,000-member strong online community - our channel The Common Sense Skeptic has been following the activities of Elon Musk and SpaceX for several years now, and producing video content based largely on Musk's various claims made starting in July of 2020.

We had intended to go through the 150+ page document point-by-point with our concerns, but we note that this document was not created by the FAA. This document was prepared by three environmental engineers who are SpaceX employees, and one employee named Brian Pownell, who is a transportation engineer working for a consulting firm named Kimley Horn & Associates. That firm seems to specialize in large city-scale infrastructure projects rather than anything remotely environmentally friendly.

Upon completion, this document was submitted to Recheck at the FAA for consideration; and, as part of that consideration, your agency is now asking for input on this document outlining SpaceXs continued sprawl across the general Boca Chica area.

To set the tone of this letter, we - our channel, and our online community - are space enthusiasts, but we do not support Elon Musk's unsanctioned, reckless and destructive activities in the Boca Chica area.

Neither should the FAA, because the activities being conducted here do not resemble whatsoever the original intended, declared, permitted purpose of this site.

A bit of history here,

In the beginning, when SpaceX was shopping for launch sites and Texas threw their hat in the ring along with the city of Brownsville, Musk's declared intention was to establish a single launch pad and infrastructure for variations of the Falcon rocket, which was commissioned and endorsed by NASA to service the International Space Station as part of a \$1.6billion contract. This was how the proposed facility was to be built.

To attract Musk and SpaceX to Brownsville, a list of incentives was presented to Musk, including \$2.3 million from the Texas Enterprise fund, and another \$13 million through the Cameron County Spaceport Development Corp, a private-public business which would quickly be turned against the residents of Boca Chica Village to force them out of their homes on Musk's orders.

As part of this incentive package, Texas also changed state laws to allow Musk to launch one rocket per month, on weekdays between 7am and 7pm, Monday to Friday, excluding holidays. This state law also prevents SpaceX from being sued for noise complaints as a result of those launches - which were supposed to be of Falcon9 or Falcon Heavy launch vehicles.

Since accepting the state's invitation and money, Musk has been operating in the Boca Chica area as if he has absolutely no oversight.

Instead of building a single launch facility similar to SpaceX leases in Cape Canaveral and Vandenberg Space Force Base, Musk has instead constructed a massive industrial complex and launch operations centre in an area that is situated between no less than four separate ecologically important and sensitive areas.

They are Boca Chica State Park, Brazos Island State Park, the Las Palomas Wildlife management area, and Boca Chica Beach. Musk's Launch centre is directly adjacent to every single one of those protected areas.

AND, Musk has built a completely separate industrial manufacturing complex that was never accounted for in any other assessment!

In 2014, your office - the Federal Aviation Administration - released an EIS report commissioned in 2013 to evaluate the impact this launch complex would have on the surrounding environment and wildlife, with special emphasis on federally-protected species. That assessment was conducted using the following parameters:

- A) That the site would be a single launch platform, for
- B) A rocket system known as the Falcon, that was
- C) Launching NASA-endorsed missions in support of the International Space Station.

In fact, it's right there in your cover artwork!

The Falcon rocket, which carries capsules called Dragons (Cargo Dragon, Crew Dragon) is now a proven system - the Falcon being a 70m-tall multi-stage rocket requiring a propellant load of 395 tons in the first stage, and another 92 tons in the second stage, for a total of around 500 tons. According to the SpaceX user's guide for Falcon, the noise rating inside the fairing of the vehicle is 131.4dB.

With those parameters and logistics in mind, the FAA conducted their initial environmental assessment and at the time the FAA indicated concerns surrounding the federally-protected and critically endangered mammal, bird and reptile species, naming the ocelot and jaguarundi; the Aplomado Falcon, piping plovers, and red knots; and the Kemp's Ridley, hawksbill, leatherback, loggerhead and green sea turtles. They are all named in the December 18, 2013 Final Biological and Conference Opinion Consultation number 02ETCC00-2012-F-0186.

Your final report published in May of 2014 also noted the following state-protected species of flora and fauna in the area, including birds such as:

The White-Faced Ibis
Texas Botteri's Sparrow
Sooty Tern

This site is also part of a migration corridor for over 500 species of birds making annual migrations. The Rio Grande Valley Birding festival celebrates this site, and this single event brings in \$463 million to the region each year.

Additional mammals that were listed include:

The West Indian Manatee
Southern Yellow Bat
White-Nosed Coati

And, the following reptiles were noted:

Sheep Frog
Black-Striped Snake
Northern Cat-Eyed Snake
Speckled Racer
Texas Indigo Snake
Texas scarlet snake
Texas Horned Lizard
Texas Tortoise
Black-Spotted Newt
Mexican Tree Frog
South Texas Siren

And the White-Lipped Frog

There are also three types of plants on the state and federal endangered list that were noted:

South Texas Ambrosia
Texas Ayenia, and
The Star Cactus.

Both of these papers were drawn up using the parameters of the Falcon launch systems, which would be landing their boosters either in the Atlantic Ocean or on barges for recovery. Not on site. There is no 're-landing pad' in the original diagrams.

But Musk isn't launching Falcons into orbit from this site. He's destructively testing a much bigger, unproven launch vehicle that is more powerful, more destructive and far louder than the vehicle this site was considered for.

And there is absolutely no chance the above-noted endangered creatures and plant-life are not being adversely affected by the SpaceX expansionist and testing activities happening at Boca Chica.

The 100-acre wildfire caused by Musk at this site in 2019 is proof that SpaceX cannot be trusted with this biologically and ecologically sensitive area. In fact, Musk is quoted as telling the press, "We've got a lot of land with nobody around, so if it blows up, it's cool."

It is important to recognize the difference between The Falcon 9 and the Starship, because these two vehicles bear no resemblance to each other.

The Falcon9 with a Dragon capsule or fairing stands up to 70 meters tall.

The StarShip, atop its superheavy booster stands 120 meters tall

The Falcon 9 requires a combined propellant load of RP1 refined kerosene and LOX totalling 500 tons, firing 9 proven Merlin engines at launch

The StarShip Super Heavy combined vehicle requires 4600 tons of liquid methane and LOX, firing up to 37 unproven Raptor engines at launch, as per SpaceXs submitted documents.

The RP1 propellant used by Falcon9 is more stable at room temperature, stored at 20 degrees celsius and presents less of an explosion hazard than liquid methane which has to be kept stored at -161 Celsius as a cryogenic fuel. This is what happens when one of those tanks ruptures.

The Falcon 9 has a noise rating of 131.4 db inside the fairing, a result up the 1.7 million pounds of thrust it produces.

The Saturn V was measured at up to 220dB at the launch site, a result of the 7.6 million pounds of thrust it produces.

And the SuperHeavy booster is expected to produce twice the power of a Saturn V with over 16 million pounds of thrust, potentially doubling the volume of the SaturnV vehicle at Launch.

Decibels are measured on a logarithmic scale. For every 10 decibels, you are measuring double the energy being produced by this device. Let's call the volume of the Falcon 9 130db, rounded down. At 140 it is double that volume. At 150 it has quadrupled. 160, factor of 8. 170, factor of 16. 180, factor of 32. 190, factor of 64. 200, factor of 128. 210, factor of 256. Making the Saturn V at 220db 512x louder than then Falcon 9. And since the SuperHeavy booster promises double the thrust, we should expect it to be up to twice as loud as the Saturn V, making it 1024x louder than a Falcon 9.

This level of energy isn't experienced as noise. Above 194dB sound is converted into a shock wave, and that shock wave will kill every living thing in the direct vicinity of the launch pad, and blast the eardrums out of every creature until that shock wave drops below 140dB. The destruction of hearing is often a fatal injury for animals.

The Falcon9, at 131.4db was below the permanent hearing damage threshold. The SuperHeavy at a possible 230dB would be 1000x times greater.

So, the entire Appendix B of this document regarding the effects of noise, referred to throughout this document, is sheer, unmitigated nonsense, since they use 150dB as the SPL in the immediate area of the launch site on their diagrams on Page 11 of Appendix B.

KBR has embarrassed themselves in this assessment by ignoring such obvious historical parallels using other known launch platforms ie: the Saturn V and Space Shuttle launches.

Assuming their modelling is correct, and their numbers were just low we can swap out the 150 they used with the known 220db of a SaturnV launch and show that South Padre Island can expect to be blasted with 180-190 dBs of sonic energy. And every living thing in the Boca Chica area will be deafened or destroyed.

These are demonstrable facts.

So, too, is the destructive potential of the StarShip and SuperHeavy booster.

In 2016, a Falcon9 such as the one Musk said would be launching from Boca Chica exploded on pad SLC40 at Cape Canaveral during propellant loading - meaning, this vehicle was not yet filled. Yet, this explosion was felt several miles away and destroyed SLC40, taking almost a year to rebuild.

If this vehicle had been fully fuelled, it would have contained only 10% of a combined StarShip/SuperHeavy stack. It was not fully fuelled.

In 1969, the Soviet Union launched a series of rockets known as N1s. N1-L5 was the second such launch, and it crashed on the launch pad after clearing the tower. That explosion was measured in kilotons, estimates ranging from one to seven kilotons. It decimated the launch complex and surrounding area, throwing debris ten kilometres from the site and raining burning fuel for half an hour.

N1 was fuelled using RP1 and LOX, with a total load of propellant around 2300 tons.

StarShip atop SuperHeavy carries twice this amount of methane and LOX, total of 4600 tons.

Meaning, a loss of vehicle on the Boca Chica pad will be even larger with a greater degree of damage than the N1 catastrophe.

At Cape Canaveral's Launch Pad 39A, where the Space Shuttle launched from, the closest civilian homes are 20 kilometres away in Titusville.

At SpaceXs launch complex, the closest civilian homes are the remaining citizens of Boca Chica Village, only 2.4 kilometres away.

The larger communities of Port Isabel and South Padre Island are only 8kms away.

Populated areas of Mexico are about 12 kms away.

And the Rio Grande, which acts at the Mexican/US border in this area, is only 4kms away.

If operations at Boca Chica were being conducted with the same safeguards as the distance between Titusville and pad 39A, THIS is what that safety radius would look like, extending well into Mexico.

Just out of curiosity, has anybody bothered to ask Mexico what they think about ICBMs being launched two miles from their territory? What agreements are in place with Mexico with regards to this launch site? What happens if one of these rockets lands In Mexico?

And while we are on the topic of location, has it occurred to the FAA that if Musk's intention is to launch orbital rockets from this site, that the site is quite possibly the most ridiculous location imaginable? From Cape Canaveral, launches can take off in a wide swing of azimuths, but from Boca Chica the corridors available for launches are extremely limited.

When this process began, you gave Musk what he wanted based on what he promised and he took ten times more. If the FAA continues down this path, he will never stop taking more than you agree to. In fact, despite

the plans he outlines in this report bearing his company's name, these are not his end goals by any stretch of the imagination.

This PEA submitted by SpaceX shows the next level of expansion he intends to pursue - doubling the size of the current launch facility. AND, he intends to build a five acre natural gas plant to power this expansion, complete with chimneys 150 ft tall. But he won't stop there.

In April 2021, the Dallas Morning News questioned whether or not Musk could create his own city, which went hand in hand with Musk sending out a general hiring call for people to move to StarBase USA, as he now calls the area.

In June 2021, Texas Monthly declared Elon Musk is turning Boca Chica into a space-travel hub.

This is NOT what was proposed in 2012. If it had been, it would have been shot down immediately. But Musk has snuck in under your noses and created this situation that you have not halted, and now you need to step up and shut it down before it gets any further out of hand.

You, the FAA, began conducting this new environmental assessment a year ago, announced on November 23 of 2020. You, the FAA, began taking public input on this topic at that time.

Yet, since then:

You have breached your own EIS and agreements with SpaceX by authorizing StarShip launches known as 'hops' for reasons unknown with no safety assurances from SpaceX.

On December 8th, 2020, the FAA authorized the hop of SN8. This vehicle exploded on impact while landing.

Despite SpaceX breaching their license with the FAA with the SN8 launch, and despite Musk attacking you on Twitter for holding up their 'progress', and despite Musk fuelling up the SN9 craft in defiance of a do not fly order while you conducted 'an investigation', the FAA then went on to authorize the launch of SN9 on February 2, 2021. This craft also exploded on impact while landing.

A month later, on March 3rd, you authorized SN10 to hop. This machine exploded 8 minutes after a hard landing.

The same month, SN11 launched with your misguided approval, through an impossibly foggy morning that should have grounded all craft. That machine never even made back to Earth in one piece, and contaminated many square kilometres of the protected sanctuaries surrounding the Boca Chica area, spreading fields of stainless steel shrapnel across the landscape due to a mid-air explosion. Debris was flung 8 kilometres away from that explosion.

THIS ALL HAPPENED WHILE YOUR NEW EIS ASSESSMENT WAS TAKING PLACE.

Now, without FAA authorization and in defiance of warning letters from your office, Musk continues to build a 480ft/145m tall launch tower on the very edge of their launch site, right next to the fence. Media reports you, the FAA, telling Musk he is building this structure at their own risk, but Musk has in sheer defiance your warnings continued to build - right at the very edge of the complex.

In fact, it is reported that Musk lied to your federal agency about this tower in May of 2021, declaring an environmental review was not necessary because this tower was not meant for launches and that they are only going to use it as an "integration tower for production, research and development purposes and not for FAA-licensed or -permitted launches."

Meanwhile Musk and his company president Gwynne Shotwell were both telling SpaceX fans, employees and investors in June of 2021 that Musk was planning to launch the first orbital StarShip in July of 21, landing in the waters off Hawaii.

That launch would have required a tower.

There is no other launch tower on the Boca Chica site.

Musk lied.

Shotwell lied.

And now SpaceX is installing arms on that same tower to catch the super heavy booster when it comes back to land - which is another unproven and highly dangerous maneuver not covered in the 2014 FAA EIS.

In your original EIS from 2013/2014 there were no re-landings of craft at this site. Boosters from falcon 9 were to be dumped in the Atlantic or recovered from landing barges - not landing back at this site and creating a second chance for a loss of vehicle with catastrophic effect.

These actions and changes of paradigm prove that no matter what conditions you place on Musk and SpaceX after reviewing this new draft programmatic environmental assessment, Musk will continue to do as he pleases until somebody eventually is forced to shut the entire complex down.

In addition to the May 2014 Final EIS, there have been a number of WRs, or written re-evaluations. The FAA website summarizes that the contents of the 2014 EIS remain current and substantially valid - despite the fact the vehicle at the centre of this development is nine times larger, 1000x louder, and twice the height and width of the vehicle at the centre of the 2014 assessment while ignoring the sprawling industrial complex eating up real estate two kilometres away.

In short, these written re-evaluations are pure nonsense, and the authors of those papers were in serious denial about the changes being made to the launch vehicle systems and the supporting infrastructure.

And now, we are going to dive into a section of the PEA submitted by SpaceX, where Musk outlines the new infrastructure he intends to build to service his grand vision.

There are several points we need to elaborate upon:

The proposed expansion of the Boca Chica launch complex pictured on page 28, expanding it to more than twice the size it currently is, which is already far larger than what Musk originally proposed for this area. This is cause for great concern, extending and backfilling further and further out into the salt plains and marshlands. Orbital Launch Mount B at the 5 o'clock position is once again right at the very edge of the facility. At no other facility in Vandenberg or at Cape Canaveral is a launch platform constructed in such a way. Launch towers are located at the centre of a well-cleared, normally circular complex, giving a much-needed buffer between launch blast zones and the perimeter of the site.

Page 32, article 2.1.4.7 describes a proposed 5.4acre, 250 megawatt natural-gas-powered power station with structures standing 150 feet, 50m tall is of even greater concern. If such a facility was located at the intersection of Eichorn Blvd and State Hwy 4, this would be the massive footprint required for this facility. And this is just for the power plant. Additional infrastructure being introduced in this paper include an expansion of the solar farm to double its size, a natural gas pretreatment facility, liquefier, and desalination plant - as listed quietly on page 9.

A twitter personality known as ESG Hound who is an environmental engineer specializing in compliance has been gracious enough to share these slides demonstrating our points. Such a facility will require a pipeline to feed 50,000,000 cubic feet of natural gas to it daily. Constructing that pipeline across these tidal wetlands will be devastating to them. To obtain 50 million cubic feet of natural gas daily, this will require the output of 300 new wells, and all the associated energy required to drill and operate those wells.

Those wells, according to ESG Hound, will be located at least 70 miles away from Boca Chica, because that's where the nearest natural gas producing fields are. This is backed up by this map from the Texas Commission on Environmental Quality. On this map each red dot is a gas well, each blue dot is an oil well. This power plant will require the output from 300 more red dots.

Additionally, if they are processing the gas on this site, there will be byproducts from that refinement that will need to be disposed of and carted away. Using SpaceXs 250megawatt station as the starting point, ESG Hound uses their numbers to determine such a facility would require a non-stop array of tanker trucks to haul away 1.2 million gallons of waste water, 6 million gallons of condensate, and 105 million pounds of gas co-product annually from processing field gas into the refined gas used by the power plant.

And this, in no way shape or form, addresses the fuel requirements for these launch vehicles. This is just for the power plant that will be running 24/7, every day of the year. As will all the support facilities for this power plant.

CONCLUSION:

In 2014, the FAA believed they were authorizing a single launch complex, for a small rocket system that was endorsed by and created for NASA, that would launch monthly resupply and crew missions for the ISS, on weekdays between 7am and 7pm according to Texas state law.

What you've allowed Musk to build in Boca Chica though non-intervention, without county, state or federal authorization, is his own private community, industrial rocket complex, private destructive testing range that pollutes protected sanctuaries, and multi-pad launch site for a completely different vehicle more akin to an ICBM that is unproven, a thousand times louder, with ten times the amount of explosive potential than the machine he promised - one that is a threat to everyone and everything in the area even if it doesn't explode.

To recap some bullet points:

Musk told federal and state authorities this site would become a single, typical launch platform similar to Cape Canaveral launch pads.

He lied.

This facility has become Musk's own personal destructive rocket testing range and 24/7 industrial manufacturing facility.

Musk told federal and state authorities this site would be used to launch variations of Falcon in support of the ISS.

He lied.

Neither the Falcon, Falcon 9, nor Falcon Heavy have ever launched from Boca Chica, nor are there any plans to do so.

Musk told federal and state these operations would take place from 7am to 7pm from Monday to Friday, not on weekends or on holidays.

He lied.

He has conducted tests at all hours of the day and night, and the manufacturing facility runs 24/7.

Musk told state authorities he would honour an annual cap of 300 hours for blocking state Highway 4 to conduct launch operations.

He lied.

His security force in the area has in fact closed Hwy 4 in excess of 1,000 hours per year, telling those people they are redirecting they have authority from the county for the closures.

They also lied.

And, they are being charged with impersonating law enforcement as a result.

Musk constructed a 50-storey launch tower without FAA authorization.

You told him to stop.

He didn't.

In fact, he told you in writing this wasn't even a launch tower.

He lied, and he is daring you to tell him to remove it.

That is the pattern of Elon Musk. He lies. He takes. He forces his way in. And he challenges you to oppose him because if you do, "you're against him and his mission to save humanity." Which is all nonsense.

You have the authority to stop this in its tracks and make Musk honour the original agreements.

Let's reword that. You have the obligation to stop this in its tracks and make Musk honour the original agreements.

You are, in fact, bound by your office's mandate to enforce these laws and shut down Boca Chica operations for non-compliance, to remove all unauthorized structures, and demand this site be returned to its natural state at Musk's expense.

You, the FAA do not get to pick and choose which laws signatory parties have to obey based on their celebrity status. By doing so, you become complicit in the disasters to come, and they will eventually include human fatalities.

From the FAA website:

FAA ENDURING MISSION

Our enduring mission is to provide the safest, most efficient aviation system in the world.

FAA VISION

We strive to reach the next level of safety and efficiency and to demonstrate global leadership in how we safely integrate new users and technologies into our aviation system. We are accountable to the American public and our aviation stakeholders.

The FAA enduring mission statement is "to provide the safest, most efficient aviation system in the world.

To reach the next level of safety and efficiency and to demonstrate global leadership in how we safely integrate new users and technologies into our aviation system."

By ignoring your own declared mantra you are failing the residents, wildlife and populated areas around Boca Chica, allowing an eccentric billionaire with a terrible environmental and operational record to continue to operate in defiance of your orders, in breach of your agreements, in violation of state and federal laws, who will embarrass you through his 60 million twitter followers if he doesn't get his way.

This document is an environmental assessment. The only conclusion the FAA can reach with regards to its contents is that there is no environmental benefit associated with this proposal, and if it is allowed to proceed will irreparably further harm the delicate unique ecosystems of Boca Chica.

Accordingly, as a federal agency entrusted with the public good, the FAA must reject this proposal.

We expect you to do your duty.

Sincerely,

The Common Sense Skeptic And YouTube Community.

From: Alex Deise <[REDACTED]>
Sent: Thursday, October 14, 2021 2:01 PM
To: SpaceXBocaChica
Subject: FreedomWorks Foundation Letter of Support for SpaceX' Starship/Super Heavy Launch
Attachments: FreedomWorks Letter of Support for SpaceX's StarshipSuper Heavy launch operations .docx

Dear Ms. Zee,

Thank you for the opportunity to comment on the Draft Programmatic Environmental Assessment for SpaceX's proposal to launch the Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas. Attached to this email, please find the FreedomWorks Foundation letter in support of SpaceX's proposal. If you have any other questions or concerns, please feel free to contact me or Beverly McKittrick at [REDACTED]

Sincerely,
Alex Deise
Policy Manager
FreedomWorks



Ms. Stacy Zee
FAA Environmental Protection Specialist
SpaceX PEA, c/o ICF
9033 Lee Highway
Fairfax, VA 22301

Dear Ms. Zee:

This letter is submitted in response to the Draft Programmatic Environmental Assessment (PEA) for Space Exploration Technologies Corporation's (SpaceX's) proposal to launch the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas. FreedomWorks is pleased to submit this letter in support of SpaceX's proposal, and we urge timely approval of the experimental permit and/or vehicle operator license from the Federal Aviation Administration (FAA).

On balance, the economic benefits that will flow from SpaceX's proposal to launch the SpaceX Starship/Super Heavy far exceed any environmental consequences that might occur. To be sure, the draft PEA correctly concludes that the current plan's intensity of impact would be less than a previously approved FAA plan for SpaceX's launch of the Falcon Heavy. Moreover, SpaceX's history confirms that it conducts its work in an environmentally conscious way. After the FAA granted SpaceX a license for its Falcon 9 and Falcon Heavy launch operations, SpaceX passed several written re-evaluations from the FAA that considered whether SpaceX's modifications to the launch site conformed to prior environmental documentation, and whether there had been significant environmental changes.

Since SpaceX took up operations just outside of Brownsville, Texas, the economic benefits have been substantial. Historically, Brownsville has not been an area that draws a large number of tourists. However, SpaceX now gives tourists a strong reason to visit Brownsville. Moreover, SpaceX brings high-paying jobs to an area that is not known for significant developments in engineering or space exploration. Because SpaceX will bring high-paying jobs and substantial economic growth to Brownsville, it is highly likely that other companies will follow suit. An increased tourism sector coupled with high-paying jobs in the engineering and space exploration fields will grow Brownsville in ways that could not have been previously imagined.

SpaceX also gives a strong incentive for students in Brownsville and across Texas to study in the STEM-related fields. While space exploration is only a dream for many students in the United States, through SpaceX, students in Brownsville will finally be able to realize this dream. On top of that, SpaceX CEO Elon Musk tweeted in March of 2021 that he was pledging \$20 million to Cameron County schools and \$10 million to the City of Brownsville. SpaceX's substantial



investment in Cameron County along with Musk's personal investments in Brownsville will bring strong, credentialed teachers for students to learn from.

Despite the tremendous risks associated with space exploration, SpaceX has excelled at every step of the way. Most recently, SpaceX's Dragon spacecraft performed the world's first civilian mission to orbit the Earth. After orbiting the Earth for three days, the SpaceX Dragon safely brought the four astronauts home. There is no reason to doubt that SpaceX will have the same success with its Starship/Super Heavy Launch Vehicle Program. The FAA should expeditiously approve the experimental permit and/or vehicle operator license so students can realize their dreams of space exploration and significant economic benefits can continue to flow to Brownsville.

Respectfully submitted,

Beverly McKittrick
Director of the Regulatory Action Center
FreedomWorks Foundation

Alex Deise
Policy Manager
FreedomWorks Foundation

From: [REDACTED]
Sent: Thursday, October 14, 2021 9:33 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

"AN ENVIRONMENTAL IMPACT STATEMENT (EIS) is needed to address cumulative impacts that have yet to be recognized by the Federal Aviation Administration and SpaceX, including but not limited to proposed Liquefied Natural Gas (LNG) export terminals and a proposed crude upgrading, processing and export facility that includes marine loading berths 6 miles off shore for loading of VLCC ships (65,000dwt Panamax sized) at the Port of Brownsville. A LAUNCH FAILURE ANALYSIS should BE PART of the Environmental Impact Statement (EIS) to assess the risks to public safety and risks to the proposed infrastructure and operations at the Port of Brownsville and off-shore."

From: Darwin Boyle <[REDACTED]>
Sent: Thursday, October 14, 2021 8:39 AM
To: SpaceXBocaChica
Subject: My Comments: RE:Draft Programmatic Environmental Assessment Public Review and Comment Period

To Whom it may concern

I live in Colorado, where I have lived for 30 years and raised a family. Colorado is known for environmental concerns, and it has some decent Aerospace companies...

An environment perfectly protected is of no use to anyone.... It is all about the balance...

Conversely, when environmentalists say, "save it for our children", I would disagree – we need space to be done right "for our children". That means reusability, that means someone who thinks about the environment in their plans, it means an opportunity for my children to get into space, make a living in space, and do so in my lifetime. **It means a FAA that is engaged with and adapts with SpaceX to address environmental concerns instead of the old model of FAA as a Football blocker.**

FAA, you have a problem here, you have a whole bunch of traditionalists that only see you as the blocker, because that was your role in the past. That is Old and that is Slow. You need to remake yourself, as a partner with companies like SpaceX to address environment concerns as you go, and embed yourself and your process in their business from the get-go. Learn from each other – make a new world...

I was there watching man go to the moon in 1969 (I was born in 1962), and I watched the space program go stagnant as the large aerospace companies milked the government for larger and larger contracts which they don't deliver on time or on budget because they don't have to, they kick back to the politicians responsible for holding them accountable. I watched and waited for 40 years. SpaceX is transforming and has transformed the entire industry, and you (FAA) can be a living part of that.

I urge you to support SpaceX in all its endeavors.

I would even go so far as to say – **if it comes to a choice between the environment in the Boca Chica area and stunting SpaceX, then my wish is that you support SpaceX.** I wanted to go into space, and for 40 years that hasn't gotten even close – now my children can do that and that is an opportunity that should not be passed up.

Sincerely,
Darwin Boyle and Family
Centennial, CO

From: Rebekah Hinojosa <[REDACTED]>
Sent: Thursday, October 14, 2021 11:12 AM
To: SpaceXBocaChica
Subject: Organizations File Complaint to FAA and US DOT to Demand Spanish Language Access of SpaceX permitting
Attachments: FAA _Title VI Complaint 10-14-2021.pdf

Please see our attached Title VI complaint to the FAA and US DOT's Office of Civil Rights demanding Spanish language access on SpaceX permit request at the Boca Chica site.*

Another Gulf Is Possible Collaborative (AGIP), Sierra Club Lone Star Chapter, Voces Unidas, and Las Imaginistas, La Unión del Pueblo Entero, and Carrizo/Comecrudo Tribe of Texas (collectively, "Complainants") submit this complaint against the Federal Aviation Administration ("FAA") for violations of Title VI of the Civil Rights Act of 1964, 42 U.S.C. § 2000d *et seq.*, and the U.S. Department of Transportation's ("US DOT's") implementing regulations, DOT Order 5610.2(a). Since the FAA receives funding from US DOT, the agency's public meeting notice rules and public hearing format apply here. As explained below, the FAA has violated Title VI and US DOT's implementing regulations in its review of permits for the SpaceX project sited in the Rio Grande Valley. In particular, the agency has failed to comply with its obligations to provide Spanish language translations for the largely non-English speaking community directly impacted by the proposed SpaceX project. As such, Complainants request that US DOT and FAA's Offices of Civil Rights investigate the claims set forth herein and take appropriate action to ensure impacted minority communities are provided fair notice and opportunity to participate in the SpaceX permitting processes as prescribed by law.

Please contact me by email if you have any questions.

Thanks,

Rebekah

--

Rebekah Hinojosa
Senior Gulf Coast Campaign Representative
Beyond Dirty Fuels Campaign
Brownsville, TX
[REDACTED]

Pronouns: she/her

Represented by Progressive Workers' Union

October 14, 2021

By email

Federal Aviation Administration
Office of Civil Rights
ARC-1, Room 1030
800 Independence Ave, SW
Washington, DC 20591

U.S. Department of Transportation
Department Office of Civil Rights
1200 New Jersey Ave, S.E.
Washington, DC 20590

CC:
U.S. House of Representative Filemon Vela

Re: Complaint Under Title VI of the Civil Rights Act of 1964, US DOT Order 5610.2(a), and FAA Order 1050.1F

Dear Federal Aviation Administration:

Another Gulf Is Possible Collaborative (AGIP), Sierra Club Lone Star Chapter, Voces Unidas, and Las Imaginistas, La Unión del Pueblo Entero, and Carrizo/Comecrudo Tribe of Texas (collectively, "Complainants") submit this complaint against the Federal Aviation Administration ("FAA") for violations of Title VI of the Civil Rights Act of 1964, 42 U.S.C. § 2000d *et seq.*, and the U.S. Department of Transportation's ("US DOT's") implementing regulations, DOT Order 5610.2(a). Since the FAA receives funding from US DOT, the agency's public meeting notice rules and public hearing format apply here. As explained below, the FAA has violated Title VI and US DOT's implementing regulations in its review of permits for the SpaceX project sited in the Rio Grande Valley. In particular, the agency has failed to comply with its obligations to provide Spanish language translations for the largely non-English speaking community directly impacted by the proposed SpaceX project. As such, Complainants request that US DOT and FAA's Offices of Civil Rights investigate the claims set forth herein and take appropriate action to ensure impacted minority communities are provided fair notice and opportunity to participate in the SpaceX permitting processes as prescribed by law.

FAA's Failure to Provide Adequate Notice and Opportunities for Public Participation Violates Agency Mandate

Public notice and public hearings are protected legal rights and integral parts of the permitting decision-making process.¹ Public notice allows members of the public to become aware of permitting actions and gives communities the opportunity to assess issues that will affect them. Notice provides the public an opportunity to participate in discussions about permit

¹ FAA, Policies and Procedures for Considering Environmental Impacts, Order 1050.1F, Paragraph 2-5.2. (2015), https://www.faa.gov/documentLibrary/media/Order/FAA_Order_1050_1F.pdf

terms required to protect the health and safety of communities. Notably, there are heightened notice standards for projects and permits sited in minority communities. FAA Order 1050.1F, Paragraph 2-5.2.b., provides that “the responsible FAA official must, to the extent practicable, make every effort to notify potentially affected minority populations and low-income populations of proposed actions and their impacts.”² Additionally, US DOT’s Environmental Justice Order 5610.2(a), Paragraph 5.b.1., states that “procedures shall be established or expanded, as necessary, to provide meaningful opportunities for public involvement by members of minority populations and low-income populations during the planning and development of programs, policies, and activities.”³ The FAA’s Community Involvement Policy Statement (April 17, 1995) “affirms the FAA’s commitment to make complete, open, and effective public participation an essential part of its actions, programs, and decisions.”^{4 5}

The FAA is an administration of the US DOT charged with implementing and enforcing all aspects of civil aviation in the country as well as over surrounding international waters. Currently, the FAA is evaluating permits for SpaceX’s Starship/Super Heavy Project at the Boca Chica Launch Site that would include a proposed massive expansion of rocket launches near Brownsville, TX, located in the Rio Grande Valley region. According to the FAA’s draft programmatic environmental assessment (DPEA) for the SpaceX project, the eastern part of the Rio Grande Valley is listed as an area that will be affected by operations.⁶ The Rio Grande Valley is a marginalized region that has both a minority and low-income population identifying them as an environmental justice community. The 2019 US Census Bureau data for Brownsville shows that 29.9% of the population lives in poverty which is higher than the 10.5% national average poverty rate;^{7 8} and 93.8% of the population identifies as Hispanic or Latino.⁹ Moreover, the Rio Grande Valley has a population of 1.4 million and about 80% speaks Spanish.¹⁰

FAA Order 1050.1F, Paragraph 2-5.2.b., recommends that “provisions should be made to ensure that non-English speaking populations receive proper notification of the proposed action

² FAA, Policies and Procedures for Considering Environmental Impacts, Order 1050.1F, Paragraph 2-5.2.b. (2015), https://www.faa.gov/documentLibrary/media/Order/FAA_Order_1050_1F.pdf

³ Department of Transportation, Final DOT Environmental Justice Order, Order 5610.2(a), Paragraph 5.b.1, (2012) <https://www.transportation.gov/transportation-policy/environmental-justice/departments-transportation-order-56102a>

⁴ FAA, Community Involvement Policy Statement (April 17, 1995), <https://tfmlearning.faa.gov/publications/atpubs/AIR/airapp10.html>

⁵ FAA, Policies and Procedures for Considering Environmental Impacts, Order 1050.1F, Paragraph 2-5.2. (2015), https://www.faa.gov/documentLibrary/media/Order/FAA_Order_1050_1F.pdf

⁶ FAA, Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas, 3,15,2 Study Area, pg. 134 (September 2021), https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

⁷ U.S. Census Bureau, Brownsville, TX (2019), <https://www.census.gov/quickfacts/fact/table/brownsvillecitytexas/POP060210>

⁸ U.S. Census Bureau, Income and Poverty in the United States (2020), <https://www.census.gov/library/publications/2021/demo/p60-273.html>

⁹ U.S. Census Bureau, Brownsville, TX (2019), <https://www.census.gov/quickfacts/fact/table/brownsvillecitytexas/POP060210>

¹⁰ UCD Health Connect, Population Data for the Region: Rio Grande Valley (2021), <https://ucd.thehcn.net/demographicdata?id=281259§ionId=935>

and any public hearings, meetings, or workshops that are held.”¹¹ Additionally, FAA Order 1050.1F, Paragraph 2-5.3.c. notes that “when holding a public meeting or hearing, accommodations must be made for the needs of the elderly, disabled, non-English speaking, minority, and low income populations in accordance with the Americans with Disabilities Act of 1990.”¹² Despite FAA’s rules providing for alternative language notice and other accommodations for public meetings concerning proposed actions and permits, no Spanish language notice has been provided for the October 18 and 20 hearings on SpaceX’s proposed permits at the Boca Chica site. This means that affected non-English-speaking community members throughout the Rio Grande Valley, and specifically in Brownsville, TX, were not made aware of public meetings nor provided with translations of permit documents, thereby denying them the opportunity to fully participate in the permit decision-making process. Given the high percentage of first-language Spanish speaking residents in the region directly impacted by SpaceX, it is our expectation that the FAA provide both Spanish language interpretation at public hearings as well as Spanish translations of the permitting evaluation process, including meetings, notices, and documents. Also, there is no notice of language interpretation on the FAA’s English website or in the draft programmatic environmental assessment for proposed SpaceX operations. Nor has the FAA provided the public with information on whether there will be Spanish or sign-language interpreters assisting at the upcoming SpaceX public hearings. This means that even when non-English speaking residents receive notice, or manage to otherwise learn of and attend public hearings, the agency does not guarantee the availability of professional language interpretation services at public meetings. Notably, these services were explicitly requested by community members during the January 2021 scoping comment period with information about the high likelihood of Limited English Proficient attendees. Indeed, the burden of this exclusion falls disproportionately on linguistically isolated communities.

US DOT and FAA Offices of Civil Rights must Investigate and Implement Measures to Remedy the Public Notice and Title VI Violations

Title VI of the Civil Rights Act of 1964 provides that “[n]o person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.” 42 U.S.C. § 2000d. Additionally, the FAA receives federal assistance from US DOT and is a federal “program or activity” under Title VI, making it subject to the requirements of Title VI and US DOT’s implementing regulations. As described above, FAA has violated Title VI of the Civil Rights Act by failing to provide Spanish language notification and other public hearing accommodations that exclude communities of majority Spanish speaking residents from the SpaceX permitting process. As such, Complainants request that US DOT’s Office for Civil Rights (“OCR”) and the FAA’s OCR promptly and thoroughly investigate the claims set forth in this complaint and take all actions necessary to ensure that FAA complies fully with the law, including the adoption of recommendations made by Complainants below. Complainants request that the OCR investigate and ensure that the policies, programs, and activities of FAA comply with Title VI of the Civil Rights Act of 1964.

¹¹ FAA, Policies and Procedures for Considering Environmental Impacts, Order 1050.1F, Paragraph 2-5.2.b. (2015), https://www.faa.gov/documentLibrary/media/Order/FAA_Order_1050_1F.pdf

¹² FAA, Policies and Procedures for Considering Environmental Impacts, Order 1050.1F, Paragraph 2-5.3.c. (2015), https://www.faa.gov/documentLibrary/media/Order/FAA_Order_1050_1F.pdf

1. Complainants:

- a. Another Gulf Is Possible Collaborative is a women-of-color-led, grassroots collaborative of eleven members from Brownsville, Texas to Pensacola, Florida. For more information, visit anothergulf.com. In furtherance of this mission, AGIP educates the public about public participation opportunities regarding SpaceX and other industrial facilities on the Gulf Coast, particularly facilities along the Port of Brownsville Ship Channel. For example, AGIP participates in FAA permit proceedings by submitting comments and requesting public meetings to encourage community participation in the policy and permit-making process.
- b. Sierra Club is a non-profit group whose mission it is to explore, enjoy, and protect the wild places of the earth, to practice and promote the responsible use of the earth's ecosystems and resources, to educate and enlist humanity to protect and restore the quality of the natural and human environment, and to use all lawful means necessary to carry out these objectives. The Club's Lone Star Chapter has over 20,000 members throughout Texas. The Club has a long history of participating in federal and state permit proceedings, including submitting comments, requesting public meetings and hearings, and challenging permits in state and federal courts.
- c. Voces Unidas is a network focused on immigration and community development issues serving the Rio Grande Valley. The group was developed out of the Rio Grande Equal Voice Network which served the region from 2010-2021. The network is currently in a phase of incubation and chrysalis as it undergoes a transition decades in the making. Voces Unidas centers anti-racism, indigenous wisdom, environmental defense and immigrant rights in building a brighter, more just and liberatory future for all beings
- d. Las Imaginistas are a socially engaged art collective from Brownsville, Texas.
- e. La Unión del Pueblo Entero was founded by labor rights activist César Chávez & Dolores Huerta. LUPE builds stronger, healthier communities where colonia residents use the power of civic engagement for social change. From fighting deportations, to providing social services and English classes, to organizing for streetlights and drainage, LUPE responds to the needs of the community, and takes action that creates a chance for a better life. LUPE's strength derives from our 8,000+ members throughout the Rio Grande Valley.
- f. Carrizo/Comecrudo Tribe of Texas lived along the South Texas Rio Grande delta. Regardless of the lack of culture and tribal understanding, of written historical data, the so called dependency factor, apparent genocide and Christian conversion, the Carrizo/Comecrudo still survived the occupation of their homelands and spiritual souls.

In light of the above violations, Complainants request that US DOT bring the FAA into compliance by taking the following actions: (1) require FAA to publish notice of public meetings and relevant permitting documents, such as the environmental assessment, in Spanish, and in a manner identical to notices and documents published in English; (2) issue publication of public

meeting notices at least 30 days prior to the scheduled meeting date ; and (3) provide professional interpretation services at public meetings where public notice must be provided in alternative languages. Due process requires that notices be reasonably calculated, under all circumstances, to convey all information necessary to apprise interested parties about their rights in a governmental proceeding.¹³ Delivery of such notice must be reasonably structured to assure that the person to whom it is directed receives it.

The FAA must take steps to correct the deficiencies in its public notice of the SpaceX permit proceedings. While developing measures for compliance with Title VI and the US DOT Order, the FAA must engage fully with representatives of the Rio Grande Valley community and be guided by the community's needs. To this end, Complainants also request that the agency inform and invite them to any stakeholder meetings and other efforts addressing the Civil Rights violations set forth herein. If the FAA does not come into compliance voluntarily, Complainants request that the US DOT and the FAA restart SpaceX's permitting review process, fully complying with Title VI and agency notice and public participation mandates.

This complaint was drafted by referencing the Title VI complaint and lawsuit victory by Earthjustice and Texas Environmental Justice Advocacy Services.¹⁴ It is timely and satisfies all other jurisdictional requirements.

Respectfully Submitted,

Neil Carman, PhD
Clean Air Program Director
Lone Star Chapter Sierra Club
[REDACTED]

Michelle Serrano
Voces Unidas and Las Imaginistas
[REDACTED]

Juanita Valdez-Cox
Executive director
[REDACTED]
La Unión del Pueblo Entero

Juan Mancias
Tribal Chairman
[REDACTED]
Carrizo/Comecrudo Tribe of Texas

¹³ Mullane v. Central Hanover Bank & Trust Co., 339 U.S. 306, 314-15 (1950); North Alabama Express, Inc. v. U.S., 585 F.2d 783, 787 (5th Cir. 1978); Intercontinental Indus., Inc. v. American Stock Exch., 452 F.2d 935, 941 (5th Cir. 1971) cert. denied, 409 U.S. 842 (1972); see also, e.g., MCI Telecomms Corp. v. FCC, 57 F.3d 1136, 1140-41 (D.C. Cir. 1995) (explaining importance of notice in administrative proceedings).

¹⁴ Texas Environmental Justice Advocacy Services ("t.e.j.a.s.") and Sierra Club (collectively, "Complainants"), and the attorneys Earthjustice, EPA Complaint No. 02 NO-20-R6. (2019)

Rebekah Hinojosa
Another Gulf Is Possible Collaborative



From: Frank Heinrich <[REDACTED]>
Sent: Thursday, October 14, 2021 9:16 AM
To: SpaceXBocaChica
Subject: Please grant Space X approval to continue

Hi,

I'd like to consider myself an advocate for the environment but this is one instance where we should give Space-X the latitude to continue. We can sort out the environmental issues while the tests resume. As a country we need to stay in the lead in regards to space access.

Thank You,

Frank Heinrich

From: Young, Ryan <[REDACTED]>
Sent: Thursday, October 14, 2021 9:27 AM
To: SpaceXBocaChica
Subject: Public Comment Submission
Attachments: 2021.10.14 - Letter to FAA.pdf

Good Afternoon,

Attached, please a letter from Congressman Pete Sessions for public comment in regard to the FAA's review of SpaceX's Boca Chica launch application.

Please do not hesitate to reach out if our office can answer any questions. Thank you for all of your help.

Sincerely,

Ryan Young, Legislative Director
Office of Congressman Pete Sessions – 17th District of Texas
[REDACTED]
2204 Rayburn House Office Building
Washington, DC 20515



PETE SESSIONS
17TH DISTRICT, TEXAS

COMMITTEE ON OVERSIGHT
AND REFORM

RANKING MEMBER
SUBCOMMITTEE ON
CIVIL RIGHTS AND CIVIL LIBERTIES

COMMITTEE ON SCIENCE,
SPACE, AND TECHNOLOGY

SUBCOMMITTEE ON RESEARCH AND TECHNOLOGY

SUBCOMMITTEE ON INVESTIGATIONS AND OVERSIGHT



Congress of the United States
House of Representatives
Washington, DC 20515-4317

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400 AUSTIN AVE., STE 302
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(254) 633-4500

2700 EARL RUDEN FWY
SOUTH HIGHWAY 6, STE 4500
COLLEGE STATION, TX 77845-2804
(979) 431-6340

October 12, 2021

Federal Aviation Administration (FAA)
Stacey Zee
Environmental Specialist
9300 Lee Highway
Fairfax, VA 22031

Dear Stacey,

I am writing in support of SpaceX's application to the Federal Aviation Administration (FAA) to conduct Starship-Super Heavy orbital launch operations from its Starbase facility in Cameron County, Texas. Approval of this project is critical to America's space program, our competitiveness against China, and our economic growth across Texas.

Starbase will serve as the world's first fully commercial orbital spaceport. Its location in South Texas leverages the area's coastal proximity and low latitude to expand access to space. More broadly, it will advance the state's rich history in human spaceflight through missions to the Moon, Mars, and beyond.

The work underway at this facility has already spurred incredible development across the state, including in my district in Central Texas. For example, SpaceX is now building the world's most advanced rocket engine production facility in McGregor, Texas. This facility will support at least \$100 million of investment into the region and 400 new jobs, on top of the hundreds of high-paying jobs here today. This facility will produce and test the rocket engines that will power the Starship-Super Heavy vehicles flying from Starbase.

Additionally, U.S. launch facilities in California and Florida are well-known to not only co-exist with the local ecology and communities, but to help them flourish. I have no doubt that Starbase will be the same, and I understand that SpaceX has already undertaken multiple partnerships with the community to demonstrate this commitment.

It is clear to me that FAA approval of this project is in America's best interest, and it will unlock continued economic expansion and scientific discovery. If you have any questions, please contact me at eagle@petesessions.com or my Legislative Director Ryan Young at Ryan.Young@mail.house.gov. Thank you for your consideration.

Sincerely,

Pete Sessions
Member of Congress

From: Jaime Villarreal <[REDACTED]>
Sent: Thursday, October 14, 2021 8:48 AM
To: SpaceXBocaChica
Subject: Public comment
Attachments: 2021.10.14 - SpaceX Letter of Support.pdf

Good morning,

Please find attached the following letter of support from Texas State Senator Eddie Lucio, Jr. to be submitted as public comment for SpaceX's FAA application to conduct orbital launches in Cameron County, Texas.

Best,

Jaime Villarreal, Jr.
General Counsel
Senator Eddie Lucio, Jr.

[REDACTED]
o: ([REDACTED])
c: ([REDACTED])



EDDIE LUCIO, JR.
SENATE DISTRICT 27



SENATE OF TEXAS
STATE CAPITOL 3S.5
AUSTIN, TX 78711

10/11/2021

Federal Aviation Administration (FAA)
c/o ICF
Attn: Ms. Stacey Zee, Environmental Specialist
9300 Lee Highway, Fairfax, VA 22031
via email: [REDACTED]

Ms. Stacey Zee:

I am writing in strong support of SpaceX's application to the FAA to conduct Starship-Super Heavy orbital launch operations from its Starbase facility in Cameron County, Texas. At its site in Texas, SpaceX is working to advance the state of technology to enable sustainable human exploration of space, including crewed missions to the Moon on behalf of NASA by 2024.

The first successful orbital launch with Starship, and the milestones to follow, will represent dramatic achievements for space exploration and a strong display of the United States' competitive leadership in space technology. By deciding to pursue its mission in Texas, SpaceX is advancing the state's rich history in human spaceflight. Famously, NASA's Johnson Space Center (JSC) has trained every U.S. astronaut to fly to space and provided mission control for every NASA human spaceflight mission since Gemini 4. At Starbase, SpaceX will continue this legacy of human space exploration through launch and operations of a crewed vehicle for missions to the Moon and Mars.

SpaceX has already made a direct positive economic impact in Texas. Since first breaking ground in Cameron County in 2014, SpaceX has considerably expanded economic opportunities for the people of Texas, and Rio Grande Valley in particular. From January 2020 through today, SpaceX has grown its employees at Starbase from 100 people to more than 1,500, and growing, while investing \$1.5B into our Texas facilities, including Starbase infrastructure and operations, and our Texas suppliers statewide. SpaceX's small business suppliers in Texas employ more than 15,900 people.

SpaceX is contributing to the community and its natural environment in other meaningful ways. In one instance, SpaceX helped to facilitate restoration of power to the Military Highway Water Supply Corporation, making potable water available to more than 6,000 people in Los Indios.

Starbase employees and volunteers host quarterly cleanups at Boca Chica Beach and State Hwy 4. In 2020, SpaceX contributed to building a state water reef 13 miles north of Boca Chica that is now beginning to flourish.



SpaceX has maintained a six-year partnership with Sea Turtle Inc. (STI), and during the 2021 winter storm, SpaceX carried out a campaign to assist in rescuing more than 850 sea turtles that were cold-stunned on local beaches and provided a large generator to restore STI's rehabilitation center.

FAA approval of SpaceX's application will provide even greater benefits for South Texas. Routine orbital launches with Starship will drive new capital, personnel, community investments, and tourism at Starbase and enable South Texas to become a Gateway to the Moon and Mars.

If I can be of further assistance to you, please do not hesitate to contact my office at [REDACTED]

Sincerely,

A handwritten signature in black ink that reads "Eddie Lucio, Jr." with a stylized flourish at the end.

Eddie Lucio, Jr.
State Senator

ELJ/jv



From: [REDACTED]
Sent: Thursday, October 14, 2021 6:50 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica should be permitted to develop the site

Attn: Ms. Stacey Zee, SpaceX PEA, c/o ICF, 9300 Lee Highway, Fairfax, VA 22031.

Re: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

I am writing to offer this public comment on SpaceX's development project in Boca Chica, Texas:

Boca Chica was an underdeveloped, barely occupied, and rarely used area before SpaceX began to invest there. Now it is a world-famous center of high technology development.

The US can surely spare a few square miles of neglected wasteland in order that one of the most important technological developments in recent history can go forward. If we fail to enable the kind of achievement that SpaceX/Boca Chica represents, it will be a very sad day for the future of the USA.

Why are we a great country? Because great things can be done here.

SpaceX has proposed reasonable accommodations to wildlife and the human environment. SpaceX has created jobs and tech excitement is one of the least developed areas of the USA.

The FAA should approve the use of Boca Chica as a launch site. Indeed, the FAA should endorse an unlimited launch cadence for the Boca Chica site.

It isn't reasonable to ask SpaceX to detail every launch or plan for coming years, because those things cannot be known in advance. Boca Chica is the best site in the US today to host a fully operational new launch site. The FAA should recognize this and endorse the full development of the site.

Sincerely,

--William Thomas

William Thomas
[REDACTED]

Albany, NY

From: jw pinto <[REDACTED]>
Sent: Thursday, October 14, 2021 8:13 AM
To: SpaceXBocaChica
Subject: SpaceX Draft PEA comments

To: Ms. Stacey Zee
RE: SpaceX Draft PEA comments

I am in favor of approving the Draft PEA. Here are a few thoughts:

National Security

The Chinese have made great strides in space in recent years. I hope their intentions are benevolent. Without SpaceX the US would be behind China in launch capability and that is an imminent risk. SpaceX pushes the boundaries of technology and that will keep the US in the lead and provide us with the security we desire.

Innovation

Thomas Edison, Henry Ford, Alexander Graham Bell and of course Wilbur and Orville made America what it is today. America has a history of nurturing innovation. SpaceX is doing amazing work at the direction of Mr. Musk. What SpaceX is trying to achieve will bring unprecedented access to space. Think of the profound influence the invention of the assembly line had on the world.

Personal Observation

I remember as a 10-year-old boy watching the moon landing. That one moment in time changed the world. We saw ourselves, for the first time, as a beautiful blue and white marble surrounded by inky black. I felt the same way then the shuttle first launched ...and then nearly nothing happened until two rockets landed simultaneously after the inaugural Falcon Heavy launch. I was that 10-year-old boy again.

Conclusion

I am in favor of approving the Draft PEA and permitting SpaceX to continue its work to create a fully reusable launch system. I believe SpaceX will do everything possible to mitigate any environmental impact and the benefit to humanity is tremendous.

Thank You
Joe

From: Ben Soden <[REDACTED]>
Sent: Thursday, October 14, 2021 11:14 AM
To: SpaceXBocaChica
Subject: SpaceX Starship and Superheavy.

Dear Sir/Madam,

I am forced into writing this email simply because I cannot sit idly by while ideologues seek to wreck the greatest endeavour that humanity could undertake.

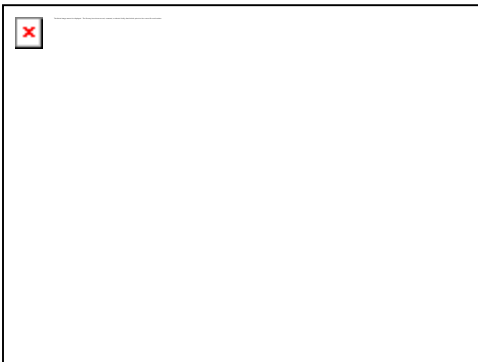
I have looked at every scenario and reason from the short-term ideological gain of "stopping a billionaire polluting the environment" all the way to the possibly of lobbyists that work for the Arms dealers (boeing, northrop grumman, lockheed martin etc etc) corrupting the FAA simply to eliminate a business rival...

There is only ONE winner if you stop SpaceX and that is China. The loser will be the rest of humanity. If you hold humanity back because of bureaucracy, because of bribes, because of jealousy and the plethora of other reasons you will be responsible for the marginalisation of the USA and western free world as a whole.

Even the environmental argument holds no weight when you consider how little SpaceX pollutes, not to mention Elon has put 1.4. million electric cars on the road that have replaced fossil fuel variants. He has done MORE for the environment than literally most people on earth and must be allowed to complete his mission for the benefit of us all.

Here is a video of a SpaceX launch... you watch it and FEEL that something rare and beautiful is happening. Please do the right thing and do not get in the way of history.

<https://www.youtube.com/watch?v=wbSwFU6tY1c>



Falcon Heavy Test Flight

Following its first test launch, Falcon Heavy is now the most powerful operational rocket in the world by a factor of two. With the ability to lift into orbit nearly 64 metric tons (141,000 lb)---a mass greater than a 737 jetliner loaded with passengers, crew, luggage and fuel--Falcon Heavy can lift more than twice the payload of the next ...

www.youtube.com

Regards

Ben Soden

From: Russell <[REDACTED]>
Sent: Thursday, October 14, 2021 2:40 PM
To: SpaceXBocaChica
Subject: SpaceX

Dear Stacy Zee,

I am writing you today to share my position with you in regards to the work being done by Space X in Boca Chica, TX.

I have been following Space X for many years now and have been staying up to date on all of the launches and future plans that the company has. I believe that the work SpaceX is doing goes far beyond simply making money for its shareholders and owners. The important work being done is to help secure a better future for all of mankind and is essential for pushing space and rocket technology forward.

I am happy to see steps are being taken to be sure that any harm done to the surrounding areas around the starbase are kept to a minimum and monitored closely as this is also important. I believe that SpaceX should be allowed to continue its work and be granted permission to launch from Boca Chica, TX.

Kind regards,

James Russell

From: Claudia Hernandez ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Thursday, October 14, 2021 9:45 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

I am concern about the new SpaceX proposal of Starship and Super Heavy Launch Vehicle Program and EIS is needed to protect our wildlife and community. I am concern that our environment, wildlife, and natural resource will be impacted immensely if this program continues to change its program. As a long time resident, I choose to live in this community due to its beautiful and wonderful natural resources and feel like this program has no regard for our community. I feel like in the peruse of technology and money has overtaken the importance of the impact these projects will do to our future generations that choose to live here. I experience this issue often when deciding to enjoy our wonderful beach but then realized that the road to the beach was closed due to SpaceX projects. I hope future generations of Texans and most importantly residents of Brownsville can enjoy our beautiful beach and wonderful wildlife before SpaceX destroys it. Please help our community and its residents

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Claudia Hernandez
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Alondra Estrada ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Friday, October 15, 2021 7:42 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

This is my home. This is where I grew up and is where I am now raising my child. SpaceX is only damaging us. It is not saving us. I've yet to take my 2 year old son to the beach I grew up going to and I fear I will never be able to due to the mayhem SpaceX is making.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Alondra Estrada
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter| Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter| Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Craig Nazor ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Thursday, October 14, 2021 9:01 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

The South Texas coast is one of the most biologically diverse places in Texas. SpaceX is surrounded by lands set aside for wildlife, and they knew this before they moved there. These biological environments cannot be moved elsewhere. SpaceX doesn't HAVE to be where it is - we now have orbital vehicles being launched in many areas of the US, and from other areas in Texas. SpaceX doesn't have the right to take whatever chances it deems necessary with southern Texas wildlife. SpaceX does not have the authority to make its own rules when it comes to environmental damage. How will SpaceX learn this if you won't enforce the rules? Please demand an EIS from SpaceX!

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Craig Nazor
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Thimble Fire <[REDACTED]>
Sent: Friday, October 15, 2021 12:00 AM
To: SpaceXBocaChica
Subject: Environmental Review of SpaceX Starship/Super Heavy Program

I have concerns about rising sea levels and flooding in Boca Chica, but I don't see any valid argument that Starbase is damaging the surrounding area.

I believe they already do take steps to protect and maintain wildlife and roadwork around the peninsula. I would like to know Mayor Greg Abbott's position on the matter of SpaceX and their impact on Boca Chica.

From: [REDACTED]
Sent: Friday, October 15, 2021 11:32 AM
To: SpaceXBocaChica
Cc: [REDACTED]
Subject: FAA Public Comments

To Whom It May Concern:

On behalf of SPI Seascap, it pleases us greatly to have the opportunity to work with our new corporate neighbor, SpaceX.

In the short period of time that we have worked with SpaceX, they have proven to be reliable partners in not only helping to bring additional tourism dollars to our area, but they have also shown

great leadership with reliable environmental practices in this very vulnerable location.

Our business, along with many others on this island depend on tourism dollars. SpaceX launches are rapidly becoming one of the "must-do's" for visitors.

Even when no launches are on-tap, our customers regularly ask to see SpaceX from our boats. We look forward to seeing this great new industry thrive and grow here in the Rio Grande Valley.

We are very proud to add our voice to the others who support our corporate neighbor, SpaceX. And we look forward to working more closely with them in the future.

Regards,

Joe Graham
General Manager

SPI Seascap dba: Breakaway
Cruises

Office: [REDACTED] - [REDACTED]

Mobile: [REDACTED]

From: [REDACTED]
Sent: Friday, October 15, 2021 1:08 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I fully support Space x development of Starship Super Heavy launch vehicle at Boca Chica (Star Base). The benefits from the technology and capability that Starship will bring won't be realized for years to come.

From: [REDACTED]
Sent: Friday, October 15, 2021 1:42 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in favor of letting SpaceX proceed with rocket development and launch at the Boca Chica facility, without interruption or delay. Their missions, and the future benefits they can provide to humanity, are too important for any environmental issues to delay.

From: [REDACTED]
Sent: Friday, October 15, 2021 3:19 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Why is this even an issue? I can only assume it's the powerful lobbyists from Boeing, Lockheed, Rocketdyne, and ATK. That whole SLS fiasco is just a legal form of defrauding tax payers. By delaying spaceX you're complicit in the fraud. It's amazing that SpaceX has defeated them so resoundingly that they have resorted to obstructing their progress by lobbying the FAA to obstruct their progress. You're worse than the DMV! [REDACTED]
[REDACTED]

From: [REDACTED]
Sent: Friday, October 15, 2021 11:34 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support this project. Adverse environmental impacts are minimal compared to the potential benefits to our country as a whole.

From: [REDACTED]
Sent: Friday, October 15, 2021 8:03 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Good morning. Like millions of people around Earth, i am too very excited about SpaceX ambitious goal: colonize Mars. You should know that 50 years have past and NASA, being a governmental agency, failed to follow suit to the most logical step after Apollo: settle an Alpha base on the moon. Governments have shown they do not have the guts and ambition for such projects, and politcs always spoil the most noble projects. You have in your power to decide on whether let America to reach those yet unfulfilled goals, colonize the moon and Mars, or to kill that and pave the way for china to dominate space. Environmental issues are a concern, but they do have solutions. SpaceX is not a petrol company. Where were you when Exxon and others polluted without restrain beaches and seas of golf of Mexico? Why didn't you started a review when oil wells were going to dig in the bottom of the sea, just kms. From america'beaches? Do not let activists to fool the american public, nor yourselves. If concerns, work them out with Spacex, but do not stop what is the destiny of human kind: become interplanetary species, God almighty willing. Thank you. Maxei DeVraie

From: TJ Clark <[REDACTED]>
Sent: Friday, October 15, 2021 7:51 AM
To: SpaceXBocaChica
Subject: Get out of the way

Government needs to get out of the way of progress.

NASA and the federal government could not do what SpaceX has done. Time for the government to get out of the way.

From: Les Phelps <[REDACTED]>
Sent: Friday, October 15, 2021 6:32 AM
To: SpaceXBocaChica
Subject: Help SpaceX Succeed

SpaceX is perhaps the most exciting and one of the most positive thing humanity is doing right now.

SpaceX's momentum is awesome.

Don't shackle SpaceX.

Thanks,
Victor Phelps

From: William Austin Smith <[REDACTED]>
Sent: Friday, October 15, 2021 10:06 AM
To: SpaceXBocaChica
Subject: In favor of SpaceX

I want to voice my support for allowing SpaceX complete freedom to move forward as they see fit. Of course the FAA and environmental regulatory bodies should keep an eye on every organization to ensure public and wildlife safety. But from what I've seen of SpaceX's Boca Chica operation, the potential impact is minimal, whereas the possible payoff to the future of humanity is so high, at the moment I believe SpaceX should be free to move forward at the fastest possible pace.

Thank you for your consideration,

William

From: Mark Ulrich <[REDACTED]>
Sent: Friday, October 15, 2021 9:20 AM
To: SpaceXBocaChica
Subject: Input to FAA-hosted SpaceX Starship/Super Heavy Launch Vehicle Program Virtual Public Hearing

Greetings.

As a long-time space enthusiast, and engineer, I am delighted with and strongly support SpaceX's application to the FAA for its Starship/Super Heavy Launch application. As a tourist I had visited SpaceX's Boca Chica, TX facility in the spring of this year, and was highly impressed with their rapidly developing facility infrastructure, and the soundness of their plans.

Best Regards,
Mark Ulrich
Professional Engineer, State of Texas, [REDACTED]
[REDACTED]
[REDACTED]

From: Samantha Banks <[REDACTED]>
Sent: Friday, October 15, 2021 7:46 AM
To: SpaceXBocaChica
Subject: Launch approval!

SpaceX has a proven track record of safely and reliably designing and manufacturing spacecraft. More and more educators are relying on companies like SpaceX to serve as real world models for the application of scientific principles. The success of this company inspires my students to envision themselves as career professionals, innovators, and inventors within the aviation and space technology industries. The continued advancement of spacecraft manufacturing, in this context, is in line with the FAA's YIATF committee's mission of encouraging American youth to "Pursue in-demand careers in aviation." The members of Sci-Create, homeschool creative writing club and space enthusiasts, are deeply saddened by the delays impacting our nation's progress into the cosmos and beyond, and wish the trusted company, SpaceX, light speed approval for their testing of Starship!

Best of luck!

Samantha

From: LaZonaTYT <[REDACTED]>
Sent: Friday, October 15, 2021 11:21 AM
To: SpaceXBocaChica
Subject: Launching StarShip

Hi!

I just realized that SpaceX is launching the orbital Starship and that the launch will perform from a near populated area and it will make some noise and probably break windows.

Well in my opinion this launch depends on the people that will have to deal with noise, but personally I think this launchment should perform, because the rocket is already constructed and the rockets are not cheap, also transporting it is not a good option because of the weight and the size.

Thanks for reading

From: Ron Turner <[REDACTED]>
Sent: Friday, October 15, 2021 8:28 AM
To: SpaceXBocaChica
Subject: Love SpaceX!!!!

Love everything about SpaceX! Plenty of beaches I can go to. Not a big deal if the beach is closed. Not like there isn't hundreds of miles of other beach in TX. US needs SpaceX and Starship!!!

Sent from my iPhone

From: Bryan Jacobs <[REDACTED]>
Sent: Friday, October 15, 2021 6:32 PM
To: SpaceXBocaChica
Subject: My comment

I would like to go on the record as being in favor of moving forward with going back into space. I support SpaceX going forward.

From: Wmcalpine <[REDACTED]>
Sent: Friday, October 15, 2021 6:01 PM
To: SpaceXBocaChica
Subject: Natural Gas Power Plant in PEA

To whom it may concern,

One of the facilities that would be constructed in the PEA is a power plant. In the draft PEA, the powerplant is described as a 250 MW plant. I believe that this is a typographical error. It does not seem to match up with the annual emissions calculations within the PEA. I would like to suggest that someone review the size of the power plant, or make a statement on the duty cycle of the power plant (if it is indeed 250 MW). There are some people that have jumped all over this value (250 MW) and will use that to alarm the environmental activists in RGW or the Sierra Club. I fully support the activities at Starbase, Texas described in the PEA and look forward to the benefits that will be forthcoming to the local region, as well as the United States, and the world as a whole.

Sincerely,

William Mcalpine

From: John Donnelly <[REDACTED]>
Sent: Friday, October 15, 2021 9:24 AM
To: SpaceXBocaChica
Subject: NOW with No Delay

I am A Scoutmaster of 15 years, and an avid outdoorsman and boater. License captain for our boat in which we take out for family adventuresand much more.

I care deeply about the environment,
HOWEVER America is in trouble, and can not afford to wait. It's a fact that you can't rely on the sanity of other Nations to be peaceful. We must have the largest military and must be prepared to world police if we want to be in control.

We are falling behind in space and have been. Wake up and let SpaceX and other American companies race safely as we can but without hold, so that we have a chance. Clear the way and get that bird flying, we are running out of time.

GO GO GO!!!

Dear locals, if you liked nature, you should've moved out of Texas, everyone know Texas don't care about people, just Texas and money. Let's just make Texas our dirty spaceport and be OK with it, as sometimes you have to sacrifice the needs of the few for the many.

Sincerely
John Donnelly [REDACTED]

From: Giovanni Franco <[REDACTED]>
Sent: Tuesday, October 12, 2021 6:10 PM
To: SpaceXBocaChica
Subject: Space Full Support

Spacex should be allowed to continue to build and test their rockets, Starship, and Super-Heavy at Boca Chica, Texas.
They have my full support!

Sincerely,
Tim (concerned US citizen)

From: E <[REDACTED]>
Sent: Friday, October 15, 2021 8:23 AM
To: SpaceXBocaChica
Subject: Space X launches

If in Space X can launch 50 successful missions to low earth orbit in the year 2022-2023 (which includes orbital refueling for moon and mars demo missions) than SpaceX will be allowed to launch 300 times per year in 2024 so that they can land the first woman and the first woman of color on the moon as well as moon base and mars cargo missions. The launch will allow agencies like NASA and the Air/Space force to get large payloads into orbit and around the solar system to combat the ever growing threat from the People's Republic of China and to get to mars before China. The Starship launch Vehicle is crucial to help the United States of America to remain the supreme space power and will help NASA's goals of peaceful exploration of the moon and mars for all mankind.

With regards
[REDACTED]

From: Lary Seibold <[REDACTED]>
Sent: Friday, October 15, 2021 7:39 AM
To: SpaceXBocaChica
Subject: Space x review

In my lifetime I have had many dealings with the FAA. I found the FAA inspectors to be fair, to be honest, and to be truly concerned about public safety....

With that said, it is my opinion as a retired aviator and experimental airplane builder, that SpaceX should be allowed to proceed in a safe and orderly fashion to proceed on their way to installation and completion of all of their projects. Boca chica is a sensitive area for wildlife and sea turtles and people on the beach. However, SpaceX can still operate with all of these considerations, and be mindful of where they are.

Let them continue with their amazing efforts to get humanity off this planet.....

A crime against humanity would be the penalty if the FAA for any reason halts this project.....

Sincerely,

Lary Seibold

From: Don Musilli <[REDACTED]>
Sent: Friday, October 15, 2021 9:14 AM
To: SpaceXBocaChica
Subject: Space X Super Heavy Launch

I agree with SpaceX that this program should proceed with some of the initial launches to take place at Boca Chica, TX with future launches from their floating platforms and their Florida based operations.

Don Musilli

From: Douglas Best <[REDACTED]>
Sent: Friday, October 15, 2021 4:48 PM
To: SpaceXBocaChica
Subject: Space X Support Notice

Greetings,

As an educator and business owner that lives in Laguna Vista, I totally support the Space X development. Space X has thrown a lifeline to Cameron County. The positive economic and educational impact to real people who have suffered economically for so long cannot be overstated. It is time we put people first, particularly minorities. I am a strong supporter of issues that involve the environment, but we have protected beaches for close to 200 miles stretching up to Corpus Christi. I understand those that oppose Space X mean well, but they are not representing the overall good of the Rio Grande Valley and in particular the children and generations to come.

I implore you to please support the Space X development and help provide a future for this underserved area.

Thank you,

Douglas Best
The Partnership Institute, LLC
<http://www.PiSquares.com>

From: TERRALL W CHILCOAT <[REDACTED]>
Sent: Friday, October 15, 2021 8:47 AM
To: SpaceXBocaChica
Subject: SPACEX IS MORE IMPORTANT TO HUMANITY

Importance: High

**SPACEX IS MORE IMPORTANT TO HUMANITY THAN ANYTHING THE WHOLE
STATE OF TEXAS HAS TO SAY.**

THANK YOU

TERRALL (TERRY) CHILCOAT

CELL PHONE [REDACTED]

FAX PHONE [REDACTED]

From: Michael Watson <[REDACTED]>
Sent: Friday, October 15, 2021 1:02 PM
To: SpaceXBocaChica
Subject: SpaceX launch facility

Dear FAA,

As you may realize, the total neglect of environmental controls for the fossil fuel industry will make this planet uninhabitable in under two decades. SpaceX is providing both a solution and inspiration to this problem. SpaceX choose this location for minimal impact on the environment; your time and money would be better spent on airport runoff or fuel spills.

Sincerely,

Michael I Watson

Sent from my iPad

From: Joshua Chappell <[REDACTED]>
Sent: Friday, October 15, 2021 11:00 AM
To: SpaceXBocaChica
Subject: Spacex launch schedule

SpaceX has been pioneering space flight for some time now their streamlining everything that they can to make it a speedy and safe process I truly believe that the government the FAA another organizations need to be more cooperative with SpaceX and other agencies to accommodate their timelines to get the space age underway in full swing it's tiresome that I keep seeing in delays in launches SpaceX is definitely humanities first line of defense and survival if we are to make it to other planets and it needs to be taken more seriously I pray that this makes it to the FAA and it makes a difference I miss the common citizen of disabled and I will never get to participate in any of these programs I'm sure I grew up wanting to but never had an opportunity and never will but that doesn't mean I don't want others to have this opportunity we need to be a multiplanetary species it's disturbing it hasn't happened yet with a solar activity the way it's been lately and with a solar activity to come in the future and the damages to the infrastructure that could be caused we need to be pushing forward as fast as possible

From: Alan Coffey <[REDACTED]>
Sent: Friday, October 15, 2021 11:52 AM
To: SpaceXBocaChica
Subject: SpaceX Public Comment

FAA,

Please allow SpaceX to do whatever they need to help the USA keep up with China.

The competition is coming (that's a good thing for progress) and standing in their way is a harm to all mankind.

You need to balance any local harms done against the humanity liberating technology SpaceX is developing.

Alan Coffey

PH: ([REDACTED])

From: Mark Hodgson <[REDACTED]>
Sent: Friday, October 15, 2021 6:59 AM
To: SpaceXBocaChica
Subject: SpaceX Support Letter - Hodgson Family
Attachments: SpaceX Support Letter - Hodgson.pdf

To whom it may concern:

Please see the attached support letter for SpaceX.

Regards,
Hodgson Family

13 October 2021

Larry Hodgson, Manager

Hodgson Properties, LP

[REDACTED]

[REDACTED]

[REDACTED]

To Whom It May Concern:

I write this letter in strong support for approval of the license application by SpaceX for continued development of their Starship operations at the Starbase site in Cameron County, Texas.

I am 75 years old, and have lived in Brownsville, Texas, for the past 67 years. Over that time, I have often visited Boca Chica beach and the surrounding area. I have hunted ducks, fished and swum in the surf. I have worked with the U.S. Corps of Engineers to prove a test shrimp aquaculture site on the banks of the ship channel.

With my brother, Les, I have worked with U.S. Fish and Wildlife and with the Gladys Porter Zoo to promote the phenomenal recovery of the Kemps Ridley sea turtle on its historic nesting beaches in Mexico. Again, with my brother and Ocean Trust, we have helped U.S. Fish and Wildlife to develop the very successful recovery of the Bahia Grande wetlands.

In short, as businessmen involved in the shrimp industry, we have always had great appreciation for the environment in which we have lived and worked. We have always found that it was possible for business to co-exist with the environment.

I have no doubt that if NASA's Kennedy Space Center can co-exist (now for many years) with the Merritt Island National Wildlife Refuge – that certainly SpaceX can also operate without a significant adverse effect on the area near Boca Chica beach.

As a former school teacher and businessman, I can tell you that the economic development brought to South Texas by SpaceX, and now other aerospace ventures is offering tremendous opportunities to the young people of our area. The often ignored South Texas is racing into the 21st century and taking dead aim on the 22nd. Our youth need no longer move far north to look for good jobs, or be forced to languish in low-paying jobs as has been the norm. In the best interest of the economy and the people of South Texas – and in the best interest of our country's leadership in space exploration – it is vital that the license application be approved soon!

Sincerely,

Larry Hodgson

From: Aldo Novak <[REDACTED]>
Sent: Tuesday, October 12, 2021 10:27 AM
To: SpaceXBocaChica
Subject: STARBASE IS VERY IMPORTANT

Please, keep StarBase going fast!

We all need it!

Aldo Novak

x.x.x.x.x.x.x.

[REDACTED]

E-mails:

[REDACTED] / [REDACTED]

From: John Robert Salasin <[REDACTED]>
Sent: Friday, October 15, 2021 1:07 PM
To: SpaceXBocaChica
Subject: Starship Program

As a frequent traveller to Boca Chica I support the plan develop my SpaceX.

The economic and scientific impact of the proposed scope will yield dividends for the community and the country.

John Salasin

From: Betty Jo Berm <[REDACTED]>
Sent: Tuesday, October 12, 2021 6:50 PM
To: SpaceXBocaChica
Subject: Support of SpaceX

Hi,

I want to say I am an avid supporter of SpaceX and its quest to make life multiplanetary, the main reason being as an insurance for anything that might happen to Earth and it's population.

Thanks,

Betty.

From: Johnny Adame <[REDACTED]>
Sent: Saturday, October 16, 2021 1:53 PM
To: SpaceXBocaChica
Subject: Beach Access Closures

My name is Jose Adame and although I appreciate new businesses and the many beneficial opportunities that come with most of them, I'm opposed to any activity, including business activities, that harm The Rio Grande Valley's beautiful and limited natural resources. Although the prospect of having something dealing with space like SpaceX in the RGV sounds very exciting, I've always been opposed to it due to the heavy negative potential impact it would have to our beautiful Boca Chica Beach environment and its wildlife. Furthermore, as an avid fisherman, the overwhelming constant beach access closures have been an inconvenience and nuisance. As a resident of Alamo, Texas, the few times a year I get to get away from work to go enjoy a nice day of fishing at Boca Chica Beach is usually halted due to a SpaceX beach access closure. Most of the time notice of the closures are not posted online and it's not until one physically gets to the final stretch of highway and sees the notice on the roadside digital sign that one finds out that it is closed and are then left with the decision to find another option. It has been brought to the public's attention that SpaceX was given a limit to their beach access closures and their abuse of the agreement made in the matter. I strongly urge that SpaceX be held accountable and their operations halted if they cannot abide by the signed agreement and laws of Texas.

Sincerely,

Jose J. Adame III

[Sent from Yahoo Mail on Android](#)

From: James Klein ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Saturday, October 16, 2021 6:44 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

This, like numerous other issues (climate change, gun safety, immigration reform, prison reform, education reform, short-term lending regulation, healthcare reform, banking regulation, opioid regulation) remains a vexing problem primarily due to corporations' ability to curry favor with elected officials. The corrupting influence of money in our political system is undermining our democratic traditions and discouraging Americans from voting and/or running for office. This ominous development may well end our experiment in representative democracy unless we alter this decades-long trend. For the sake of the republic, we must amend the US Constitution to state that corporations are not people (and do not have constitutional rights) and money is not speech (and thus can be regulated by state and/or federal campaign finance laws). Short of accomplishing this, no other reform of significance will be achieved.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

James Klein
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Claudia Araujo-Hernandez <[REDACTED]>
Sent: Saturday, October 16, 2021 2:38 PM
To: SpaceXBocaChica
Subject: Concern

As a long time resident of BrownsvilleTexas, I am concern about the damage the ship will cause our health, our wildlife and our beach. People that do not live here are jeopardize our community's well being. As a resident I am not benefiting from this new project but I am obtaining the consequences of not being able to enjoy our natural resource of the beach because our road is being closed frequently due to Space X. No amount of money will our community benefit from Space X instead our natural resources will have long term affects. Space x ships and launches continue to create environmental pollution to our area. We deserve to have this community preserved so further generation can enjoy this natural habitat.

Sincerely,
Claudia Hernandez

[Sent from Yahoo Mail for iPhone](#)

From: Phil Leech <[REDACTED]>
Sent: Saturday, October 16, 2021 2:04 PM
To: SpaceXBocaChica
Subject: Draft PEA Comments

Dear FAA,

SpaceX has demonstrated their technical prowess and is currently one of the top launch providers, not just for the nation, but for the entire world. Their contributions have vastly improved our nation's access to space and now they have a proven track record of success and a commitment to safety. Their success has proven that commercial rocketry is not only viable, but potentially more cost effective than other government run rocket development programs. This could save tax-payers billions of dollars.

The work and accomplishments of SpaceX has been inspiring to many. It is this success that has inspired me to take a deeper interest in space, and this has led me to follow Starship / Superheavy development over the course of several years. I now believe that, because of SpaceX, we may see humans on mars and beyond in my lifetime. Additionally, the burgeoning space tourism industry has now taken shape with non-governmental astronauts flying on flight-proven rockets. This gives me hope that one day I could possibly be a passenger on one of those flights.

In order to fulfill those dreams, it is important for SpaceX to continue their test program in Boca Chica, Texas. Their work will provide many benefits to humanity by vastly expanding our access to space and eventually making humankind a multi-planetary species. Thus, is it crucial for SpaceX to continue their test program which requires EA approval.

In summary, please approve this EA expeditiously.

Sincerely,

Phillip Leech

[REDACTED]

[REDACTED]

[REDACTED]

From: [REDACTED]
Sent: Saturday, October 16, 2021 7:55 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please, please do all you can to help Space x continue its test. for all humanity..with the knowledge the do their best to main a environmentally program. Mark Bosanquet-Bryant

From: [REDACTED]
Sent: Saturday, October 16, 2021 8:44 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

As an enthusiast of space travel and the future of humanity in space, I don't think SpaceX should be limited to a specific number of launches per year. Thank you.

From: [REDACTED]
Sent: Saturday, October 16, 2021 10:29 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Thank you for the opportunity to comment on the draft environmental review for the proposed SpaceX Starship/Super Heavy program in Boca Chica, Texas. After reviewing the Executive Summary (from a layman's perspective), including other documents and select appendices, I encourage the FAA to return a positive review of licensing, environmental, and financial requirements. I support the SpaceX Starship/Super Heavy program and the economic opportunities it brings for regional businesses, industries, and other social systems. I am native to the Rio Grande Valley, returning after 60 years and now retired in Port Isabel as a resident. Respectfully, gsm

From: [REDACTED]
Sent: Saturday, October 16, 2021 3:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am commenting in support of allowing SpaceX to proceed with their current plans that have been outlined in various documents in this study. I have been to Boca Chica beach and I have driven by the complex that SpaceX has developed. My kids have played on the beach and we find it a good place for our family to relax and take in the gulf shore and all it has to offer. Although I will admit there will be some environmental impacts, I believe that this can be mitigated and dealt with effectively by the staff at SpaceX. I also believe the work they are doing is transformational to the community and region economically and socially through the jobs and educational opportunities that will develop as this development furthers itself into the future. This is what I feel justifies the environmental impacts. The transformation of the community on many levels. I thank you for your time and hope that SpaceX continues their work in south Texas.

From: [REDACTED]
Sent: Saturday, October 16, 2021 7:51 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

We are in the throws of a modern era space race! Amazing things are being done at spacex around the world. SpaceX is going to provide unprecedented capabilities throughout the globe and in interplanetary space. While I appreciate the concerns of the faa, I think this is all part of this [REDACTED] administration trying to hold back a technology giant. There are so many benefits to spacex operating in boca chica. Besides the opportunities in space ,they are bringing employment and money into the local economy. SpaceX is also bringing large manufacturing back to this country. Please do not destroy these opportunities as the FAA has with my hobby of flying remote control aircraft. The FAA is a bureaucratic tool to slow down or stop threats to progress from outside of government control. FAA Step back!

From: Sciencelookers <[REDACTED]>
Sent: Saturday, October 16, 2021 8:17 AM
To: SpaceXBocaChica
Subject: Let them launch their rockets

Let them launch their rockets!

From: Egon Pasztor <[REDACTED]>
Sent: Saturday, October 16, 2021 4:46 PM
To: SpaceXBocaChica
Subject: Please approve the SpaceX Starship launches

Dear FAA,

I strongly support SpaceX being allowed to launch and develop Starship without further delay.

When completed, Starship will be an amazing technological achievement that will inspire young Americans, raise America's reputation around the world, and radically improve the economics of exploring and working in space.

SpaceX should not be delayed any further by bureaucratic red tape! They should be allowed to launch as many times as needed to make Starship work.

Thank you!
Evan Fairweather
(US Citizen and Voter)

[REDACTED]

From: Laurie Howell <[REDACTED]>
Sent: Saturday, October 16, 2021 2:47 PM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica - comments
Attachments: SpaceX letter 10-16-21.doc

To Whom It May Concern,

Please see my comments in the attached letter.

Regards,
Laurie

Texas law requires that we give to all potential clients:
[Texas Real Estate Commission Information About Brokerage Services](#)

Laurie Howell, Realtor, GRI, RSPS, SRES
Padre Elite Team - a RE/MAX Titan Team
RE/MAX® ELITE

[REDACTED]

This information contained herein was obtained from sources believed reliable. However, Norma Hinojosa, broker/owner, makes no guarantees, warranties, or representations as to the completeness or accuracy thereof. The presentation of this property is submitted subject to errors, omissions, change of price, conditions, or withdrawal without notice. Norma Hinojosa, broker/owner, is a Licensed Real Estate Broker in the State of Texas.

Laurie Howell



To Whom It May Concern

From: Laurie Howell

Date: October 16, 2021

RE: SpaceX operations at Boca Chica Beach, TX

I want you to know that as a long-time citizen of Cameron County, I whole-heartily support SpaceX and the opportunities it brings to South Texas.

I grew up in Brownsville, TX and now live in Port Isabel, TX and have been involved in both communities for many years. My family has fished and hunted in the lower Laguna Madre area and worked closely with the environmental community to support the Bahia Grande and Sea Turtle Inc. My husband is on the board of the South Padre Island Birding and Nature Center and I serve on the Advisory Committee for the College of Science for UTRGV. We do care about our environment and community.

The opportunity to have SpaceX select deep South Texas for their space facility is an enormous boost for our economy, students interested in the STEAM fields, real estate, new businesses and tourist attraction.

The Kennedy Space Center has coexisted in Florida with an equally sensitive environment and I don't hear any complaints. In addition, South Padre Island hosts about four major fireworks displays each week in the summer and on holidays and we are still a significant birding destination for tourists.

We can all work together with good communication and a sensitivity to different views. There has got to be some give and take on contentious issues; but again, communication and coming together with an open mind and looking for solutions should make this project a win-win for everyone for many years to come.

From: Jerry Gunn <[REDACTED]>
Sent: Saturday, October 16, 2021 12:58 PM
To: SpaceXBocaChica
Subject: SpaceX experimental rocket activities in Boca Chica, TX

I support the ongoing development of SpaceX experimental rockets in the Boca Chica, TX area. The Cape Canaveral area in Florida has already suffered much with frequent beach closures, marine boating restrictions, and wetlands destruction. Distributing operations will help lessen the environmental impact on already overdeveloped areas such as Cape Canaveral AFB and Vandenberg AFB.

Thanks for the opportunity to comment on your assessment.

From: Norma Trevino <[REDACTED]>
Sent: Saturday, October 16, 2021 6:53 AM
To: SpaceXBocaChica
Subject: SpaceX

Hi,

I am opposed to continued launches from SpaceX near Boca Chica. The environmental harm being done to the area will result in severe damage. Closures to Boca Chica beach are more than initially proposed. Potential damage to buildings in South Padre Island continues to increase as the blasts cause rattling windows & shaking impact.

Please stop further expansion of Space X.

Thanks,
Norma L. Trevino

From: Jake Bakker <[REDACTED]>
Sent: Saturday, October 16, 2021 1:27 PM
To: SpaceXBocaChica
Subject: Starship FAA

Please allow spacex to resume operations in boca chica with starship. The future of humanity depends on it.

From: West, Sam <[REDACTED]>
Sent: Saturday, October 16, 2021 5:37 AM
To: SpaceXBocaChica
Subject: Starship Public Comment - I support!

Hello, my name is Wilson Samuel West. As a graduate from Michigan State University in Wildlife Biology, I fully support the development of Starship. I have been following this program for years now, and have determined that with the current amount of rockets being launched, the liquid oxygen that is used to launch them, and others there is very little negative impact on the environment compared to frequent, every day things like factories and cars.

Being born in 1995, I feel like landing humans on Mars is like the Apollo Era of my generation. It would be incredible to see it happen, and I personally desire to vacation in space in my lifetime, when it one day hopefully becomes more affordable. Thank you!

Sincerely, Wilson Samuel West

From: Steve Durnal <[REDACTED]>
Sent: Sunday, October 17, 2021 1:13 PM
To: SpaceXBocaChica
Subject: FAA public comment: Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Dear Mr. Repcheck,

After reviewing the above document, I would like to add my voice in support of Space X's use of the Boca Chica area for the purpose of developing a long overdue economical way for mankind to start accessing low Earth orbit, the Moon, Mars and beyond.

It is well documented now that many short term and other eventual benefits are in store for Texas, the US, and all of mankind by a project such as this. It can pave the way for vast economic expansion that will benefit all social classes, and offer substantial opportunities to reduce humanities burden on a world which has become overwhelmed by our presence, in ways we can't even fully conceive yet.

As with any project of this magnitude, it's understandable that caution and oversight must be exercised in developing the Starship/Super Heavy launch vehicle. Certainly, places like the Texas coastline must be protected as much as possible as part of the process to sustain life as we know it.

Having said this, it is apparent that Space X will be a good steward to the land, air and water of the area.

It is critical that the FAA work to minimize impediments as much as possible to help to sustain the effort that the Space X team has worked at, very diligently, now for well over 15 years to provide ever improving access to space. Please do so.

Best regards,

Steve Durnal
Concerned citizen

From: James Skaggs ([REDACTED]) Sent You a Personal Message <[REDACTED]>
Sent: Sunday, October 17, 2021 1:09 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

To whom it may concern, The Space-X facility at Boca Chica Beach has and continues to cause major harm to the surrounding Rio Grande Wildlife Refuge and the animals the refuge supports. It appears that Space-X did not abide by their previous environmental mitigation plan when they were first interested in the site. They continue to thumb their noses at the FAA, and ignore US environmental law. They also continue to break all kinds of previous agreed upon rules concerning their operations in the middle of a wildlife refuge, Sincerely James T. Skaggs

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies an EIS.

Sincerely,

James Skaggs
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Frederick M Thayer <[REDACTED]>
Sent: Sunday, October 17, 2021 11:21 AM
To: SpaceXBocaChica
Subject: Comment on Draft Environmental Review of SpaceX Starship/Super Heavy Program

Dear Ms. Stacey Zee,

The mission of the FAA is “to provide the safest, most efficient aerospace system in the world”. *Safety* is protection from or is unlikely to cause danger, risk, or injury and *efficiency* is achieving maximum throughput with minimum waste. In order for the FAA to be justified in offering SpaceX an experimental permit for these activities, it must be demonstrated that both mandates can not only be met, but are the world’s best option. I argue that the long-term impact of SpaceX’s Starship/Super Heavy Program is both best-in-world at risk-reduction and will represent the world’s most efficient space launch system. I believe this justification is adequate for moving forward with the outlined proposal.

SpaceX’s stated objective is to establish the capability to reach space destinations with increased payload and decreased cost. This capability will lead to an increase in innovation stemming from space development. A critical component of space development is improving habitation systems and creating the ability for life to exist beyond Earth. One day, Earth will cease to provide any habitat for protected species. Thus, the current risk without space development is a 100% chance of extinction of protected species. Space development- particularly large systems that can reduce cost and increase payload- is the best method for minimizing the risk that all known life forms go extinct.

In addition, the Rio Grande Valley is an economically struggling area including some of the poorest communities in the United States. Thus, the economic development occurring here is highly risky and inefficient. Ensuring that this program succeeds will yield cumulative benefits when the economy is considered as a whole assuming SpaceX is successful in its stated goals. Similarly, while particular roads and beaches may be closed due to this program, access is being opened to space travel. There is significantly more opportunity to open roads and create or discover beaches in space than exist on Earth, thus removing SpaceX from the area will effectively close off more public areas than it would open.

In conclusion, the purpose of life is to evolve and grow towards good ends. Life that fails to do so at a sufficient pace will become outcompeted. Likewise, general environmental degradation is an unfortunate reality of life. Ultimately, if we continue to exist on a single planet all environments will degrade entirely. Supporting space travel is the best means available to reduce this existential risk to our environment, our species, and every other life form on Earth. Thus, I urge you to accurately weigh the pros and cons of the suggested program and move forward with supporting SpaceX so that they can support humanity.

Sincerely,
Frederick Thayer

From: Ken Brokaw <[REDACTED]>
Sent: Sunday, October 17, 2021 7:54 PM
To: SpaceXBocaChica
Subject: Draft PEA for SpaceX Starship/Super Heavy Launch Vehicle Program at SpaceX Boca Chica Launch Site

Please see the following comments on the Draft PEA document:

Consideration of Cumulative Impacts in EPA Review of NEPA Documents

Potential impacts to surface waters, wildlife resulting from an “anomaly” aka “mishap”, more accurately described as a catastrophic launch pad explosion are not adequately evaluated based on NEPA guidance which requires the evaluation be proportionate to the potential severity of impacts resulting from the proposed action. Further the potential catastrophic launch pad explosion(s) similar to those that occurred in 2020 are not supported by credible data.

Only a Proposed Action and a No Action Alternative are evaluated. Clearly, a number of other Alternatives are possible and deserve evaluation.

The “use” of public conservation and recreational lands by the privately owned “operator” (SpaceX) would significantly impede or consistently prevent public access to the areas. The limit on hours of closures has been exceeded by the operator in 2020 and no punitive action was taken by the public agencies responsible for assuring that public access is maintained.

The proposed expansions would result in the filling of 25.8 acres of floodplain. The total amount of fill at the proposed parking lot parcel would be 1,050 cubic yards and at the solar farm there would be 3,270 cubic yards of fill placed. Flood Zones AE and VE have different designations and are therefore quantified separately. WHY?

The Draft PEA states;

SpaceX plans to execute its Starship/Super Heavy program over the next several years. SpaceX may require a number of new or modified experimental permits or vehicle operator licenses issued from the FAA in order to execute the program. Thus, the FAA has drafted a Programmatic Environmental Assessment (PEA), which evaluates the potential environmental impacts of the activities associated with SpaceX’s Starship/Super Heavy program. A programmatic document is a type of general, broad NEPA review from which subsequent NEPA documents can be tiered, focusing on the issues specific to the subsequent actions. Programmatic NEPA documents may be prepared for broad federal actions, such as a proposed program, policy, plan, or suite of projects, which address actions occurring over large areas or systems and may include groupings of similar actions or repeating actions over longer periods of time than other NEPA reviews.² The use of a programmatic environmental impact statement (EIS) or EA, and subsequent preparation of a project specific EIS or EA, is referred to as “tiering” the environmental review. The FAA has recognized that a programmatic review and tiering may be appropriate “to sequence environmental documents from the early stage of a proposed action to a subsequent stage to help focus on issues that are ripe for decision and exclude from consideration issues not yet ripe or already decided.”³

This “tiered” approach contradicts Consideration of Cumulative Impacts In EPA Review of NEPA Documents, U.S. Environmental Protection Agency, Office of Federal Activities (2252A), EPA 315-R-99-002/May 1999:

1. INTRODUCTION

The combined, incremental effects of human activity, referred to as cumulative impacts, pose a serious threat to the environment. While they may be insignificant by themselves, cumulative impacts accumulate over time, from one or more sources, and can result in the degradation of important resources. Because federal projects cause or are affected by cumulative impacts, this type of impact must be assessed in documents prepared under the National Environmental Policy Act (NEPA).... The assessment of cumulative impacts in NEPA documents is required by Council on Environmental Quality (CEQ) regulations (CEQ, 1987).

The justification that information is not currently available, is instead a case that the Proposed Action has not been adequately defined and has not been adequately evaluated.

In Summary: Until the Draft PEA is revised to address these deficiencies, no permit should be issued to the operator.

Respectfully submitted by Kenneth Brokaw, [REDACTED]
[REDACTED]

From: [REDACTED]
Sent: Saturday, October 16, 2021 11:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Will be sending a complete analysis Tuesday, ,Oct 18th. One comment. FAA is a waste of time with Space X plans. Not one person at the FAA has private sector experience. This is political. We will sue. Aim of case is with evidence to prove FAA oversight is not constructive. To seek judicial decision FAA oversight of Texas Space X operations not in the national interest.

From: [REDACTED]
Sent: Sunday, October 17, 2021 6:34 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am an ornithologist who has done previous research on Snow Plovers in Texas, New Mexico, and Oklahoma. The proposed additions to SpaceX are abhorrent. They will, undoubtedly, wreak havoc on the surrounding fragile ecosystem. I do not support this venture. Please CEASE. NEPA was created for a reason and you are blatantly flouting it. STOP.

From: [REDACTED]
Sent: Sunday, October 17, 2021 7:00 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support SpaceX in their application. Given appropriate safe guards, as in Cape Canaveral & associated Kennedy Space, the necessary security actually increases species protection over other human activity. Inclusion of the bird sanctuary as a mandatory security zone will increase bird protections from the real problem, although not part of current plan is an obvious future consideration, human use of the beaches and nesting areas. An additional space port in the USA is a huge national security asset that must be considered. Providing a new launch facility further from Chinese potential targeting is a national security must. These potential considerations all weigh toward approval.

From: [REDACTED]
Sent: Sunday, October 17, 2021 9:30 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

It is unfortunate that my government finds it necessary to stand in the way of the Elon Musk enterprises to favor the competition, spending far more for failing companies which are less favorable for our environment. Please stop blocking the cleanest progress on the basis of false accusations while your agency allows free pollution to exist as long as the right political contributions, now legalized, are made. Economical exploration is vital for future advances on Earth.

From: [REDACTED]
Sent: Sunday, October 17, 2021 7:16 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please let spacex fly! All species are endangered by our current global warming. If a few die off in Texas but we gain the tech to save the rest of the planet, it will be worth it. Let SpaceX fly!!!

From: [REDACTED]
Sent: Sunday, October 17, 2021 7:45 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I wanted to express my support for the SpaceX mission in Boca Chica and the importance of granting the PEA for their operations. They are a company that can constantly be seen caring for the region, whether it be through helping endangered turtles or just from the immense amount of jobs brought to the region. Their mission to bring humans to the moon as NASA's dedicated HLS lander, and eventually to Mars, is largely dependent on the PEA; it is imperative that it be conducted thoroughly and efficiently, allowing their progress, and humanity's progress as a whole, to begin as soon as possible. Thank you.

From: Ellen .Tyma <[REDACTED]>
Sent: Sunday, October 17, 2021 9:39 AM
To: SpaceXBocaChica
Subject: Oppose SpaceX

The utterly destructive facility at SpaceX has gone beyond any of the original proposals for the Boca Chica site. The cult of Elon Musk and SpaceX is doing everything possible to ignore the fact that 100 acres of refuge were burned...this won't be the last time. The numerous explosions/bombs that have littered the refuge and destroyed habitat.

There are NO safety assurances regarding the continued destruction and loss of habitat.

There are No Longer Dark Skies at Boca Chica Beach. This confuses nesting Sea Turtles, Piping Plovers and migratory birds. No longer can one look to the sky and see endless stars, they are all whitewashed by the lighting.

The massive influx of workers, sightseers and related contractors has slaughtered HUNDREDS of animals. Caracaras and buzzards feeding on this carion are killed alongside their unfortunate meals. Texas Tortoise are among the victims of speeding traffic.

I have lived here for 19 years. Since 2018 I have not spotted ONE Ocelot or Jaguarundi in our area. I had previously seen them around the brushy edges of the refuge, river and undeveloped land. They are now extinct in this area.

A 24/7 heavy industrial complex has completely altered all wildlife in the area.

SpaceX continues to operate in Violation of FAA rules and regulations by launching when no permission was granted. All but one of these "bombs" exploded, scattering toxic debris on the refuge and beach as far away as 5 miles away.

Musk and Shotwell have lied about the "launch tower" being an integration tower. Has already stated publicly that they will use it to catch boosters on return. This is an unproven and dangerous maneuver to be performed on LAND!!!

There was never supposed to be re-landings of craft at this site, they were to be dumped in the ocean or landed on barges in the water.

The scope and size of SuperHeavy will kill and maim wildlife and people. It is 9 times larger and 1,000 times louder, twice the width and height of Falcon 9. The moving of the goal posts for this egregious project needs to be stopped now.

An explosion of Super Heavy will be measured in KILOTONS this will be felt as far away as Port Isabel, South Padre Island and Mexico.

What agreements are in place with Mexico regarding the launch of an ICBM 2.5 miles away?

The addition of a fracked gas pipelines to power a refining LNG for power and fuel that will operate 24/7 would NEVER be allowed near a refuge. The byproducts of this poisonous project requires NON-STOP trucks removing the wastes.

Currently Human Waste and sewage is trucked through the Refuge and will end up contaminating the area. Numerous vehicle accidents have already occurred and one death as a direct result of illegal SpaceX activity.

This project will NEVER send people to Mars or the Moon. Nothing Musk is doing or has done has benefited the environment. Musk has turned Boca Chica into a billionaire playground. His fans are littering the Refuge with their tributes to Musk and Mars.

None of this would have occurred or been approved by Federal, State, County and City had the initial EIS and proposal included this massive complex at its current state

This project is not for NASA or endorsed by them. You have already allowed this to go on by letting him create his own private community, private rocket manufacturing facility running 24/7, private destructive testing range, a multi-pad launch site for a completely different vehicle.

Furthermore you have no intention of shutting this down. Evidenced by your underhanded amended DPEA over the years. You have only added to the comment period when it finally became public that you weren't going to provide Spanish translations to the comment period.

You have allowed a PRIVATE company to use its OWN paid for (literally) "experts" to draft the new rules and goal posts as the game changes. There is NO unbiased fact checking with SpaceX to you or any other agency. The mere citizens with little to no education on environment and rocketry must rely on data mined from the internet using their best resources available to draw conclusions that this project is bad for the environment, wildlife and poor people.

This will not be my last comment regarding this toxic bad for the environment, bad for wildlife and bad for people projects. As new information is gleaned from other sources I will submit them in opposition to Musk, SpaceX, you (the FAA) Texas GLO and Texas Railroad Commission.

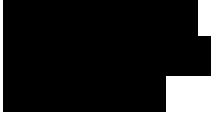
Respectfully,

Ellen M. Tyma

Daniel S. Griffen



From: vicki scharen <[REDACTED]>
Sent: Sunday, October 17, 2021 12:16 PM
To: SpaceXBocaChica
Subject: PEA boca Chica SpaceX comments



Initially I was excited about SpaceX building out in boca Chica area but as time went on became disillusioned with how things were being done. I don't like pushy people that once they get their foot in the door then they want more and more even when going against initial agreements and what seems logical . The final straw was the launching of the test rockets last year. I thought my windows were going to break the noise was so loud and shattering! It shook my house and could possibly be the cause of cracks in ceiling and floors ??!So I cannot imagine anything much heavier being used so close to homes . It's like Elon Musk does not value us very much down here.

I am against further development of SpaceX. Please proceed with caution. Will I have to sell my home with this intrusion?

Thanks for listening. I'm 82 years old.

Victoria

Sent from my iPhone

From: Kevin Norman <[REDACTED]>
Sent: Sunday, October 17, 2021 8:15 PM
To: SpaceXBocaChica
Subject: PEA Comment re Boca Chica and SpaceX

Dear Sirs:

I want to recommend approval of the activities of SpaceX in southern Texas.

The whole economy, especially that of south Texas benefits from the activities of SpaceX.

Jobs, tourist dollars and education are just a few of the benefits.

Elon Musk and his employees are uniformly interested in the environment and have shown to be good stewards.

Best Regards,
Dr. Kevin A Norman
USA

From: K <[REDACTED]>
Sent: Sunday, October 17, 2021 8:21 PM
To: SpaceXBocaChica
Subject: Please stop the destruction of Boca Chica

SpaceX have launch sites at Cape Canaveral.

The Boca Chica wetlands and wildlife are irreplaceable.

There are no wetlands or wildlife on Mars, even if Elon Musk seriously thought that people could live there or would want to live there!

This is a vanity project at the expense of our beautiful planet.

Please do not be intimidated by Elon Musk or his billions.

Think about what you will tell your grandchildren who might wonder what happened to the wetlands, birds and other wildlife.

Thank you for doing the right thing.

From: Norman Baker [REDACTED] Sent You a Personal Message
<[REDACTED]>
Sent: Sunday, October 17, 2021 10:32 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

An accident on the scale of a Starship/SuperHeavy launch vehicle would be a devastating catastrophe for the Laguna Atascosa Wildlife refuge, the Lower Rio Grande Valley Wildlife refuge as well as for nearby communities of color and endangered species like the ocelot and aplomado falcon.

At the very least, the FAA should conduct a comprehensive Environmental Impact Statement because of the size and scale of SpaceX's new launching operations. This Environmental Assessment is extremely inadequate, because it only evaluates an "initial mission profile," and does not address:

1. The FAA's claims that SpaceX's mission is to launch larger rockets in pursuit of National Space Policy goals, which were updated by Trump in 2020. These policy goals should be evaluated by the new Biden Administration, and actually reflect whether space exploration is in the interest of the public rather than private corporations seeking to profit.
2. The already damaged land and wildlife that SpaceX has already caused, in addition to the new plans that will permanently destroy acres wetlands and floodplains,
3. SpaceX's rocket launching schedule results in beach closures that would further strip away people of color's rights to fish and recreate at Boca Chica Beach by up to 800 hours per year, about an entire month.
4. Elon Musk, using his social media platforms to attract outsiders to displace a historically marginalized community. Already, longtime residents are being forced away from their beach and homes, and it doesn't help when outsiders, attracted by Elon Musk and his social media presence, displace residents by moving here or soliciting comments and opinions from people who've never even been to the region.
5. SpaceX has never consulted with the Carrizo/Comecrudo Tribe of Texas, who have ancestral ties to the region, about operations. Under the United Nation's Free, Prior, and Informed Consent, SpaceX should not be authorized without consultation and consent of the Tribe.

Additionally, the FAA should have to redo its regulatory process to accommodate the Spanish-speaking population because the public hearings and materials are not translated.

About 80% of the Rio Grande Valley community, which is directly impacted by SpaceX, speaks primarily Spanish at home. The FAA should not allow SpaceX to continue to expand to launch the Starship/Super Heavy project at Boca Chica Beach

because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

Norman Baker



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Andrew Matthews <[REDACTED]>
Sent: Sunday, October 17, 2021 8:30 PM
To: SpaceXBocaChica
Subject: Space X Launch Comments

The Us continues to lag behind other countries due to unnecessary red tape. It is time for the government to allow us to grow as a nation, everything Space X is doing will be advancing technology and space exploration by a huge amount.

--

Andrew Matthews
[REDACTED]

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From: Don Johannsen <[REDACTED]>
Sent: Sunday, October 17, 2021 2:38 AM
To: SpaceXBocaChica
Subject: SPACEX pea.

Elon Musk is doing the most important work being done. Your great grand children may well survive because of the pioneering work SPACEX is doing NOW, not over the next 20 years...nothing important is ever served by waiting until Everybody is happy.

Do you seriously want China to own the moon? Do you truly think they would be good custodians of that legacy? Because by slowing down SPACEX you would literally be helping them....Yes, it sounds very melodramatic...do you think that the CCP cares?

Please, Help don't Hinder.

Very Sincerely. Donald Johannsen.

From: Robert Ankony <[REDACTED]>
Sent: Sunday, October 17, 2021 8:48 PM
To: SpaceXBocaChica
Subject: SpaceX Starship Environment Review Comment

Hello,

I have been following SpaceX for over ten years, and more recently have been very excited by the activity occurring in Boca Chica for the Starship program. The development pace and technology there helps keep the United States at the forefront of space technology as well pushing the boundaries of scientific exploration. The Starship system will allow for unprecedented payloads that have not even been fully realized yet. The unique geographic location allows for both development and launch of the rocket that would not easily be possible in other areas.

Although the program is being created in a previously undeveloped area, I think the benefits of the program - technology leadership, scientific opportunity, and sheer excitement for the public outweigh the drawbacks.

In summary - please approve this environmental review and allow the program to continue.

Sincerely,
Robert Ankony

From: David Elliott <[REDACTED]>
Sent: Saturday, October 16, 2021 10:16 PM
To: SpaceXBocaChica
Subject: SpaceX

We are competing with China in space technology. We need to get moving. They are not waiting on us.

Sent from [Mail](#) for Windows

From: Paul Cerone <[REDACTED]>
Sent: Sunday, October 17, 2021 7:39 PM
To: SpaceXBocaChica
Subject: Starbase

Please take every consideration in moving forward with Starbase and Space x. Let's not wait until it's too late for humanity to thrive outside of earth's atmosphere.
Please except this email in support of SpaceX and Boca Chica launches.
Paul Cerone [REDACTED]

From: Dick Meijer <[REDACTED]>
Sent: Sunday, October 17, 2021 3:36 AM
To: SpaceXBocaChica
Subject: Starbase

Dear Lady/Gentleman,

If you like a moment or event very much, you like to take a picture, maak a movie and store it. Keep it in a safe place so you can enjoy it again on a moment in the future. Show it to your kids or grandkids.

If you work for your whole life on a project, like composing music, writing an opera, developing a medicine. Or even work for generations,... making wine!

The you like to store that secret recipy too. Or hand it over to the next generation.

That's why it's important to become a multi planet civilization. Metreors can distroy all human life on earth. Like it did in the past. We as humans can make life so beautiful with music, great movies, books etc. It should be a big loss if all af that would be taken away by a meteor. We like to store it in a safe place.

Mars can be that safe place for us.

It's a big challenge to get it done. America is the country where this should happen. It will make the whole world proud.

That's why we should cheer on the Starbase project.

Best Regards

Dirk Meijer BSc.

Practical teacher

Eefde - The Netherlands

Verstuurd vanaf mijn iPad

From: JIMMY AROCHO <[REDACTED]>
Sent: Sunday, October 17, 2021 11:25 AM
To: SpaceXBocaChica
Subject: The ISS & Beyond!

To Whom it may concern:

Please allow this email to serve as a statement of support for the US Government facilitation of the SpaceX, mission at Starbase Boca Chica.

Today, the prevailing success of SpaceX programs far exceeds the legacy NASA vision.

In America we must continue to leverage success! "Remember, one small step for man!"

Mankind has scalded our globe, therefore, tomorrow lies far beyond the ISS.

SpaceX is the incumbent space pioneer, for engineering "everything-space-travel."

Please resist the myopic ignorance of legacy thinking, it's eyes wide-open in the future of space travel.

For our kid's, kid's sake, sir!

Therefore, in the forward looking sentiment of my service; lead, follow, or get-out-the-way!

Respectfully,

Jimmy Arocho
Sergeant First Class (Retired)
United States Army

From: Berrin Yenioğlu <[REDACTED]>
Sent: Sunday, October 17, 2021 1:58 PM
To: SpaceXBocaChica

Bizde böyle işlerde gerçekten zor durumdaki insanlara yardım edilir malının sadakası verilir mesela sokakta yaşayan evsiz zor durumdaki insanlara gibi ...bu gibi şeyler kaza ve belalara manevi olarak önlem olarak gösterilir ...

Translation: In our culture we help the people in need as part of such big projects. You dedicate a portion of your wealth (or budget) to help them out, we help the homeless people in the stress. And we believe that these type of help superstitiously protects your projects from accidents.

From: David Johnson <[REDACTED]>
Sent: Monday, October 18, 2021 6:14 PM
To: SpaceXBocaChica
Cc: David Johnson
Subject: ***Possible Spoofing Attempt*** Draft PEA/Launch License for SpaceX

SpaceX is a national asset which currently provides the only American capability to reach earth orbit and the International Space Station. Starbase and Starship represent moving forward with space technology, reducing environmental impacts through asset reuse, substantial job creation, substantial technology creation, widespread economic benefits both locally and nationally, and finally the opportunity to reach new levels of space travel and tourism, space industry, and sustainable space residency.

I support SpaceX's mission and efforts and request the FAA to issue SpaceX a vehicle operator license from the FAA Office of Commercial Space Transportation to operate the Starship/Super Heavy launch vehicle with all due speed.

Sincerely,
David Johnson
[REDACTED] mobile

From: J Fitzgerald <[REDACTED]>
Sent: Monday, October 18, 2021 5:55 PM
To: SpaceXBocaChica
Subject: Boca Chica Star Base should not be hindered

To whom it may concern,

I want to encourage you to grant SpaceX unencumbered and full environmental permission(s) to build, launch, and innovate as frequently as possible. Withholding any permissions, or limiting SpaceX in anyway is counterproductive not only to all citizens of the United States, but to the world and humanity.

Thank you for acting rationally, without political and/or corporate bias.

From: Helen Ramirez <[REDACTED]>
Sent: Monday, October 18, 2021 9:37 AM
To: SpaceXBocaChica
Cc: Helen Ramirez
Subject: City of Brownsville, Texas - Draft PEA Public Comment Period for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas
Attachments: Comment Ltr. SpaceX.pdf; Resol2021-008.pdf

Ms. Stacey Zee
c/o ICF, 9300 Lee Highway
Fairfax, VA 22031
[REDACTED]

RE: Draft PEA Public Comment Period for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Dear Ms. Zee,

The City of Brownsville has reviewed the FAA's Programmatic Environmental Assessment (PEA), which evaluates the potential environmental impacts of the activities associated with Space Exploration Technologies Corporation's (SpaceX) Starship/Super Heavy program to conduct Starship launch operations from their Starbase site adjacent to Brownsville, Texas. On behalf of the City of Brownsville, Texas, we would like to extend our strong support for SpaceX's initial mission profile that has been analyzed in the PEA. Their pursuit to develop Starship/Super Heavy reusable transportation systems has positively influenced our City, Cameron County, and the Rio Grande Valley (RGV) in South Texas.

Please find the attached comment letter and resolution of support.

Sincerely,

Helen Ramirez
Deputy City Manager
City of Brownsville, Texas
[REDACTED]

Trey Mendez
Mayor



October 18, 2021

Ms. Stacey Zee
c/o ICF, 9300 Lee Highway
Fairfax, VA 22031
[REDACTED]

RE: PEA Public Comment Period for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas

Dear Ms. Zee,

The City of Brownsville has reviewed the FAA's Programmatic Environmental Assessment (PEA), which evaluates the potential environmental impacts of the activities associated with Space Exploration Technologies Corporation's (SpaceX) Starship/Super Heavy program to conduct Starship launch operations from their Starbase site adjacent to Brownsville, Texas. On behalf of the City of Brownsville, Texas, we would like to extend our strong support for SpaceX's initial mission profile that has been analyzed in the PEA. Their pursuit to develop Starship/Super Heavy reusable transportation systems has positively influenced our City, Cameron County, and the Rio Grande Valley (RGV) in South Texas.

SpaceX is one of the largest employers in our relatively young, minority and low-income population. The economic influence of SpaceX's 1,500 workforce, in addition to visitors, has been evident in the number of small businesses that have opened, remain open, and steadily contribute to the increase in sales/use tax allocations for Brownsville year to date. The City's hotel/motel occupancy percentage during the COVID-19 Pandemic was also among the highest in the State, due to SpaceX's presence, despite the international bridge closings to non-essential traffic.

SpaceX has captured the minds and imaginations of our valley residents and has empowered students of all ages, young and old to dream and aim higher. SpaceX has held site tours for school aged children in the region. Having the ability to witness their operations in person has given the community the possibility of becoming a part of something unique and revolutionary, very real. SpaceX has opened the doors to the youth and has taken an active role in inspiring them to believe that they too can be a part of something greater and with the ability to impact the future of humanity.

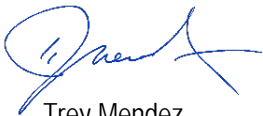
City of Brownsville, Texas

1001 E. Elizabeth St., P.O. Box 911, Brownsville, Texas 78522 Telephone: [REDACTED] Fax: [REDACTED]
www.brownsvilletx.gov

SpaceX's involvement in our community has also been noteworthy. The assistance of their staff in our vaccination efforts have aided our City/County's vaccination rate to increase to 86% for fully vaccinated individuals, which is among the highest in the State of Texas. They are strengthening their relationships with environmental associations, including our local Gladys Porter Zoo, founded in 1971, and known for its successes in breeding endangered species of wildlife, this 28 acre zoo contains an oasis of tropical plants and some 1, 600 animals. Their timely involvement in saving stunned turtles from the frigid waters generated by the extreme Texas freeze earlier this year resulted in nearly 4,700 sea turtles being saved. Without the support of their staff, and the use of the generators they kindly provided, this would not have been possible. Their company employees are trained to deal with the state of local fauna as they monitor them with drones before and after each rocket launch.

SpaceX's proposal is necessary to increase operational capabilities and cost effectiveness of space flight programs. Satisfaction of these needs benefits government and public interests to continue resource protection and reduce operation costs. The PEA includes Table S-4. Mitigation Measures, which includes an extensive list of measures, including construction and operational, that are targeted towards mitigating environmental impacts. These measures include the use of a FAA notification plan to educate the public and announce when a launch or landing event would occur. The City of Brownsville is willing to participate, through public education and announcements in English and Spanish, to raise awareness of launch dates and times. It is our hope that the FAA, when considering issuing SpaceX the necessary experimental permits and/or licenses allow them the opportunity to continue their proposed Starship/Super Heavy Program. This will allow them to continue their road towards making humanity multi-planetary and secure their continued growth in our area.

Sincerely,



Trey Mendez
Mayor
City of Brownsville, Texas

Resolution No. 2021-008

A Resolution of the City of Commission of Brownsville, Texas, in support of SpaceX Starship Super Heavy Project at Boca Chica Launch Site.

Whereas, in 2014, SpaceX selected Boca Chica as the location of their new commercial launch facility; and

Whereas, the City of Brownsville and the Brownsville Economic Development Corporation were in full support of the SpaceX Launch Facility; and

Whereas, since 2018, SpaceX activity in our community has dramatically increased by the employment and relocation of SpaceX employees to Brownsville to support the new Starship Endeavour; and

Whereas, on December 9, 2020, the eyes of the world and our local community were fixated on the skies over Brownsville to witness the launch of SN8; and

Whereas, the Federal Aviation Administration (FAA) has begun the Environmental Process for the Starship Super Heavy Project at Boca Chica Launch Site; and

Whereas, the City of Brownsville and its economic development corporations are working to foster a NewSpace Ecosystem and the NewSpace Economy in Brownsville; and

Now, therefore, be it **Resolved by the City Commission of the City of Brownsville, Texas:**

1. Supports the Federal Aviation Administration Environmental Review Process
2. Supports the Expansion of SpaceX Activities in and around the City of Brownsville
3. Supports the Starship Super Heavy Project at Boca Chica
4. Encourage the continued collaboration amongst all local entities to address citizen concerns

Adopted by the City Commission of the City of Brownsville, Texas on January 19th, 2020.

(Seal)



BY: _____

Trey Mendez III
Mayor

ATTEST:



Laure Morgan
City Secretary

Approved as to form and legality:



Rene De Coss, City Attorney

From: Christana Cumley ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Monday, October 18, 2021 3:40 PM
To: SpaceXBocaChica
Subject: Comment for SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Dear Federal Aviation Administration,

I became ill. Upon investigation of the strong smells in the area and along the beach of boric acid and ammoniacal compounds, I was told by the OSHA supervisor of SpaceX that they use nitrous oxide compounds in the fuel. Knowing the high boron content of the water, air, and soil I asked the OSHA SpaceX Supervisor if he understands every time they do a test or release chemicals they are creating these toxins in the area which are also used as pesticides and fire retardants and are toxic to breathe as it happened to me. I noted the area is a federal nature preserve as well and the harm being done. I also asked if the knowledge is why SpaceX ensured no more grass fires after the first spread of fuel, effectively coating the area with boric acid compounds. He said no and said he would have me removed if I did not leave. When I requested the supervisor to look into harms to employees he became very angry and started to yell so I left. I cannot visit the beach when the odor is present.

The Draft PEA demonstrates the need for the FAA to issue a Notice of Intent to prepare an EIS. In the interest of public safety, the FAA should prepare an EIS to ascertain comprehensive details and impacts of SpaceX's proposals.

In SpaceX's justification for the purpose and need of their proposals, the power plant, natural gas pretreatment system and liquefier, desalination plant, and solar farm are not referenced. These auxiliary infrastructures and operations are not described in sufficient detail, nor are the environmental impacts. They are, in themselves, significant actions that require environmental reviews and cumulative impact analysis.

Additionally, an EIS is needed to address cumulative impacts that have yet to be recognized by the FAA and SpaceX, including but not limited to proposed LNG export terminals and a proposed crude upgrading, processing and export facility at the Port of Brownsville. Due to the proximity of these proposed operations, Starship / Super Heavy launches and landing pose potential significant safety risk to the public and to personnel at the Port of Brownsville. A launch failure analysis is needed.

The analysis and assessment of the environmental impact of SpaceX proposals are incomplete and inadequate. Many of the required plans are not created or updated to reflect SpaceX's proposals (e.g. power plant, LNG processing, desalination, etc.) such as the Facility Design and Lighting Plan. Consequently, SpaceX has not demonstrated that they are minimizing and mitigating impacts. This further justifies and EIS.

Sincerely,

Christana Cumley
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group. If you need more information, please contact Patrick Anderson at Sierra Club Lone Star Chapter | Lower Rio Grande Valley Group at [REDACTED] or [REDACTED]

From: Phillip Stewart <[REDACTED]>
Sent: Monday, October 18, 2021 12:28 PM
To: SpaceXBocaChica
Subject: Comment on Draft PEA for SpaceX at Boca Chica

I write to support the trade-offs of the envisioned environmental consequences vs the advancement of spaceflight by SpaceX's operation of a Boca Chica launch site.

All human activity can have a negative impact on some part of the environment, but the trade-offs here appear reasonable, such as the water treatment, power plant, potential noise damage, wildlife impacts, and emissions during operations.

--

Phillip Stewart

From: C. M. Serrano <[REDACTED]>
Sent: Monday, October 18, 2021 10:13 AM
To: SpaceXBocaChica
Subject: Comment on Space X Expansion of Super Heavy Launch Vehicle

My household located in the [REDACTED] zipcode, abutting the Boca Chica highway to Space X, is at risk for any type of expansion that results in potential explosions.

Additionally, the proposed development of the area will result in dangerous and unhealthy pollution that will not just harm the immediate area, which is sensitive to any environmental fluctuations, but will result in long term pollutants that will damage the health of residents in the 78521 area.

We do not want a leukemia cluster like that of which is found in Houston, Texas. Uncontrolled and unmitigated emissions have resulted in poor quality of life for residents in East Houston and it is likely the same effects will be had here.

Finally, the lack of beach access is completely unacceptable. We want the public beach back when we want it and we want to ensure the creatures of the surrounding areas are safe.

Sincerely,

Claudia Michelle Serrano

From: joni <[REDACTED]>
Sent: Monday, October 18, 2021 7:13 AM
To: SpaceXBocaChica
Subject: Comment on SpaceX Starship/Super Heavy Project

Good morning, my name is Joni Bair, I am a member of **Surfrider Foundation of South Texas AND a resident of Laguna Vista, TX.** I have the following concerns regarding the PEA which has been submitted by the FAA and SpaceX!!!

1. **BEACH ACCESS CLOSURES**- SpaceX proposes to close State Highway 4-the only public roadway connecting Brownsville and surrounding communities to Boca Chica Beach, state park land, and the National Wildlife Refuge-for up to 800 hours annually. This is 500 additional hours above the 300 hours currently permitted. **800 hours of closure would be akin to closing Highway 4 for 5 hours per day, Monday through Friday, for 32 weeks of the year!!!!** This runs afoul of the provisions of the Texas Open Beaches Act which protects Texans' right to access state beaches.
2. **ANOMALY EVENTS**-The PEA acknowledges that there will very likely be additional future explosions, which it refers to as "anomaly events", and further acknowledges that these events may cause glass breakage and debris. There is also no proposed mitigation to prevent harm to habitat and wildlife from the anomaly events caused any debris, sound, or shock waves.
3. **SHIP CHANNEL CLOSURES**- The PEA notes that there will be times when travel through the ship channel is restricted. However, it does not define **for how** long these closures are expected to occur. If the shipping channel restrictions are managed similar to the roadway restrictions (i.e. a closure is scheduled and the public is notified of the closure, only for the closure to later be cancelled) the increased in de facto closures could exacerbate economic impacts to charter fishing operations that rely on bookings, dock workers, and the shipping industry.

These concerns and comments should be addressed before any further permit by the FAA is issued for an expansion of SpaceX!!!!!!

Thank You,

Joan Bair
Surfrider Foundation South Texas Chapter

From: John Downey <[REDACTED]>
Sent: Monday, October 18, 2021 8:41 PM
To: SpaceXBocaChica
Subject: Comment on the FAA PEA of SpaceX at Boca Chica in the Lower Rio Grande Wildlife Refuge.
Attachments: Untitled document.edited(3).docx

Sent from [Mail](#) for Windows

I would like to add to the comments about the environmental health of the Lower Rio Grande Valley Refuge at Boca Chica and the detrimental effects of future launches by SpaceX. My main concern here is not only for the sea birds and animals mentioned but also for their habitat.

I know this area quite well. It is a place of beauty that is the home of many birds and other animals both endangered and threatened. As SpaceX and others began to invade this beautiful refuge I was asked, by the United States Fish and Wildlife Agency, to complete the soil surveys at Boca Chica. The area was examined by taking soil samples directly north and south of the launchpad and then the sample area was marked by GPS. The notes, under the supervision of an agency biologist, were co-authored and published in the Texas Journal of Science Volume 70 in 2018. We found the nesting area, the complete habitat, to be almost free of contaminants.

From the launchpad construction to the back of the dunes to that line, as we walked to take samples, there were thousands of small eggs laid in the sand by sea birds not to mention turtles. This is up to and around the launch pad. Since the Border Patrol and law enforcement have stopped all traffic in this pristine habitat, not only for sea birds but for all the other animals mentioned in your report, it had been left alone so that all the wildlife will flourish. Now, all the birds, animals, and habitats are under severe pressure by SpaceX and the damage already done may not be reversible. The noise, traffic, and the onslaught of workers have put this Public Trust area in danger of being permanently altered.

The thought of what lies in the future for all the endangered and threatened species, plus the wonderful habitat is unbearable to contemplate. What's been done already and the mishaps in line for the future would devastate the way of life all these animals have enjoyed for years.

The land here, the refuge, state park, and battleground area were designated as Public Trust so that all people could go out and use the beach and for future generations to observe the wonders of this beautiful pristine wildlife area. One mishap will alter and damage this for us now and future generations. This madness by one experimental endeavor is not worth the chance of destroying Boca Chica's wildlife habitat.

Thank you,

John Downey

[REDACTED]

[REDACTED]

From: Jeff Horton <[REDACTED]>
Sent: Monday, October 18, 2021 5:24 PM
To: SpaceXBocaChica
Subject: Comments Regarding Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Ms. Stacey Zee
SpaceX PEA c/o ICF
9300 Lee Highway, Fairfax, VA 22031

Dear Ms. Zee,

I am writing in regards to the Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program.

To begin with, I'd like to state how important what the FAA does is to me, and how much I value it. We need some oversight, some policing to ensure order and the safety of human life.

As an American citizen, I strongly urge the FAA to minimize that oversight as much as possible, however, as all government should, in order to allow the free market and free enterprise to do what it does best; discover, invent, innovate, and create things better, faster, and more safely than the government ever could.

What SpaceX and its founder, Elon Musk, is attempting to do with spacecraft is analogous to what Henry Ford did with the Model-T. SpaceX is planning the rapid manufacture, assembly, distribution, and operation of its starships, which will become a platform for launching not just a few astronauts, but all of humanity into space.

Whether it's the hauling of components into space for building a space hotel, or a moon base, or a Mars base, or a manned scientific expedition to one of Jupiter's moons, SpaceX is paving the way. To be sure if SpaceX is successful other innovative companies will surely follow recognizing the profit to be made in space. Gradually, they will improve upon what Musk has started just as car manufacturers gradually did not just with the automobile, but virtually everything sitting in homes and business around the world.

So please, do everything in your power to enable, not stifle, the creative energy currently thriving at SpaceX. God forbid something happens to Elon Musk and he should die before the dream we all share becomes a reality! By all means continue striving to keep people safe. But also try to remember how important it is for NASA, for the United States, for humanity, and for posterity that you work with, not against, organizations like SpaceX, while also ensuring human safety and well-being.

It is so important to our future as a species. Surely the profit motive will drive us into the stars faster and more effectively than any single agency or government.

I thank you for all that you do.

Very best regards,

Jeff W. Horton
[REDACTED]

--

From: Frank Paynter <[REDACTED]>
Sent: Monday, October 18, 2021 5:13 PM
To: SpaceXBocaChica
Subject: Comments regarding FAA Environmental Assessment

My name is Frank Paynter. I served as a custom electronics design engineer for the U.S. Government for 25 years before taking early retirement to go back to school. At The Ohio State University I earned Masters and Doctorate degrees in Electromagnetic Theory, and then worked there as a research scientist before retiring in 2010. As a youngster in Florida I had the unique experience of watching Army tanks driving south on A1A during the Cuban missile crisis, and watching Saturn V rockets lift off from Cape Canaveral toward the last successful moon shots. In the ensuing decades I watched our nation turn away from human space exploration in favor of ambiguous social programs. If the world had learned of an inbound planet-killer asteroid during this time, we would have been powerless to prevent it striking our planet because we didn't develop deep-space travel capabilities when we had the chance.

With respect to the proposed FAA Environmental Assessment, I would like to make two points.

First, I would note that Cape Canaveral has existed as a space launch site since 1949 and in the more than 70 years of space flight operations to date there have been no major environmental disruptions. Surely this gives ample evidence that launch facilities and local environments can co-exist peacefully, even though the Cape Canaveral environs are much more heavily populated than the Boca Chica site.

Secondly, I would point out that humanity is now in a much more important race than the space race of my generation - the race for existence as a species. Although highly unlikely on a year-to-year basis, the probability of a humanity ending asteroid strike at some unknowable point in the future is 100% certain. The only possible defense against a planet-killer asteroid strike is to have a robust deep-space travel capability, exactly the capability being developed right now in Boca Chica. It would be the height of irony if an adverse Environmental Assessment ruling intended to prevent low-probability wildlife extinctions at Boca Chica instead contributed materially to the extinction of the entire human species, along with all those other species we thought we were protecting. Moreover, if we are a multiplanetary species when that happens - and it will - then even if we can't avert the catastrophe, we can bring humanity and all those other species back to life on earth after a century or so - surely a goal worth promoting.

--

G.Frank Paynter, PhD
OSU ESL Research Scientist (ret)

[REDACTED]

From: lionel thompson jr <[REDACTED]>
Sent: Monday, October 18, 2021 10:23 AM
To: SpaceXBocaChica
Subject: Draft Programmatic environmental assessment for the space X starship

. I am for space X launching in Boca chica as many times as they need they are furthering space Exploration that will greatly further humanity

In it's endeavor to reach the stars My name is Lionel Thompson and I am for space exploration

Sent from my Verizon, Samsung Galaxy smartphone

Get [Outlook for Android](#)

From: Jason Millner <[REDACTED]>
Sent: Monday, October 18, 2021 12:44 PM
To: SpaceXBocaChica
Subject: Environmental Assessment
Attachments: FAA Assessment.docx

See Attached my letter to the FAA regarding the environmental assessment. If there is anything I can further assist with please let me know

Thank you

Jason Millner
Building Engineer



[REDACTED] + [REDACTED]
C: [REDACTED] + [REDACTED]

SpaceX Environmental Assessment

To: FAA [REDACTED]

Regarding: Environmental Review of SpaceX Starship/Super heavy Program

My Name is Jason Millner, I live in Savage Minnesota and I have great respect for the environment.

We need to act with urgency, the level of difficulty to get an extremely important self-sustaining civilization on another planet is immense. The Apollo missions were never faced with such delay and if they did we would've never achieved such amazing accomplishments. There is no perfect place on the planet where we wouldn't be harming something when we build something new, that's what change is. We don't know how long this window of opportunity will be open. Lets be rational and value this program as one of the most important programs around the globe happening currently.

This is something that can only be done by the most advanced governments and we have a private company taking on this challenge not costing taxpayers a dime. Humans cannot survive on earth indefinitely. We will go extinct if we do not become a space fairing species. Humanity's survival depends on this program. Rockets have only gotten worse over time since the apollo missions. We went from going to the moon to not even being able to go to orbit until SpaceX had developed Dragon. This is very delicate, and we cannot afford to miss this opportunity. Look at all the failed rocket companies, the odds for them to succeed was against them and they have shown it is possible.

Im asking for the FAA to allow progress and innovation without resistance. With that we will have the strongest space industry this world has ever seen keeping our country on top. We will reduce the cost of space travel, create new technology, find new worlds, obtain insurance for consciousness and keep us less extinction prone.

Thank you,

Jason Millner

From: Gary- Pietz <[REDACTED]>
Sent: Monday, October 18, 2021 5:54 PM
To: SpaceXBocaChica
Subject: FAA approval


I strongly support this program a program that people like me have been waiting on for years there is so many opportunities out in space not only for tourism but for mining and a place to live to expand because we're starting to overcrowd our planet and run out of resources this is very important to mankind maybe the most important thing in centuries maybe of all time

From: [REDACTED]
Sent: Monday, October 18, 2021 12:05 PM
To: SpaceXBocaChica
Subject: FAA PEA for SpaceX program at Boca Chica
Attachments: Response to the FAA PEA for SpaceX development at Boca Chica.docx

Dear Sirs,

I would like to express my support for SpaceX activities at Boca Chica. My comments are in the word file attached.

David Filmer MA (Cantab)



18th October 2021

To the FAA.

I am a British citizen and an innovative research scientist. I have read the draft PEA issued by the FAA in September 2021.

In general, I support the activities of SpaceX in developing new and innovative vehicles to enable mankind to become a space-faring species and to establish human settlements in space, on other solar planets and moons and eventually elsewhere within the Milky Way and other galaxies.

There have already been several extinction events on planet earth over geological time, and we are experiencing yet another. We hope that the human race survives this one, but inevitably, another will happen where when our species will not survive. Long before that happens, we must be able to live elsewhere in the universe, which is the goal of SpaceX.

The company has a successful track record of doing things thought impossible before, such as enabling rockets to land vertically on land and on drone ships, so enabling them to be reusable and cutting the costs of placing objects in space by orders of magnitude. Space's approach of testing new ideas, accepting initial failure and learning from mistakes until it eventually succeeds, is to be admired and encouraged.

SpaceX's object at Boca Chica is to build a space vehicle larger than its successful Falcon 9 vehicle, which has a NASA contract to transport materials and astronauts to the International Space Station and back. It also aims to catch vehicles and boosters.

returning from space, in mid-air, something that has never been done before. As before, early attempt may fail, but lessons learned will make improvements until the goal is reached.

So, SpaceX has asked for the minimum number of suborbital and orbital flights to be approved by the FAA in order for that to be achieved and the PEA suggests that the proposal is not unreasonable. When SpaceX has shown it can be done, and is safe, one would hope that the FAA will approve a future application for more launches to enable flights to the moon and Mars to be accomplished.

The FAA will consider potential environmental impact. It must be remembered that all innovators from the past and to date have faced objections from those who always want to retain the *status quo*, are happy with things as they are and don't want change. Many are very vehement in their views and can organise their protests competently. However, reading through the PEA, aspects of air quality, climate, noise, visual effects, and water, biological, and coastal resources, seem to be quite low and acceptable. Environmental consequences also seem to be not unreasonable.

It is to be hoped therefore that the FAA will balance the highly desirable benefits of the SpaceX objectives, against the expected and anticipated objections of the environmental lobby.

There is also the political aspect to consider as SpaceX is currently leading American endeavours in space in competition with the rapid progress being made by China, which not only has rovers on the "dark" as well as the visual side of the moon, but has recently established its own Space Station.

David Filmer MA (Cantab)

From: [REDACTED]
Sent: Monday, October 18, 2021 10:19 AM
To: SpaceXBocaChica
Subject: FAA review SpaceX Starship

Sent from my iPhone

Regarding SpaceX Boca Chica launch site usage for future launches and testing of Starship!

I was born in the 1960s and grew up with the American dream of putting a man on the moon and returning them safely before the decade was out !

This took a lot of commitment and determination, fortunately this goal was achieved and considering all the benefits of new technologies and spin offs which all benefiting the whole of humanity it was well worth the effort.

I am very much excited about SpaceX and Mr Musks efforts of making our world a multi planetary species in his attempt to launch the most powerful rocket to the Moon and Mars!

All it takes is one man and his determination to succeed and we all benefit from it.

It does seem to me that the FAA and the present administration are putting the brakes on or making things difficult to progress the SpaceX project to its ultimate success.

All this will do is hand the advantages to other countries which will gain all, and dominate the industries that happen after! So I hope the FAA will see the very big picture in the review and we will all live happily ever after! Yours sincerely!

From: Stewart <[REDACTED]>
Sent: Monday, October 18, 2021 1:27 PM
To: SpaceXBocaChica
Subject: Free order #2079942789 placed on Today at 3:30 PM

Dear FAA SpaceX Boca Chica Project Team,

I registered to speak at the SpaceX Starship/Super Heavy at Boca Chica Virtual Public Hearing #1 at 5:00 PM CDT.

I am unable to attend that meeting, so please remove me from the speaker list. I shall try to attend your next meeting.

I want to request that the FAA help in anyway that it can the efforts of SpaceX and Elon MUSK to help life outlast planet earth, e.g., by utilizing the "Starbase" space port that Musk created at Boca Chica in Texas in order to launch his "Super Heavy" rockets. The survival of mankind and all other species may depend on FAA's decision about whether or not to allow SpaceX to do so.

Sincerely, William STEWART

From: [REDACTED]
Sent: Monday, October 18, 2021 6:33 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The developments going on at Boca Chica for construction of the Starship SuperHeavy vehicle are the most important and significant research efforts happening on plant Earth in 2021. I humbly ask the FAA to allow and indeed accelerate development of this system. The FAA should be a service to the aerospace community, in the same way it is a vital asset to Air Travel Control. The United States is in the most intense space race in 50 years, and cannot be slowed down by the complaints of lunatics. Cape Canaveral has inspired countless engineers and scientists, including myself pursuing a PhD, and Boca Chica can do this for the 21st century.

From: [REDACTED]
Sent: Monday, October 18, 2021 11:53 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I wholeheartedly support SpaceX and their work, and I think all the "political correctness" crap - including the pointless "environmental impact" nonsense (which it is...) should just be flushed down the toilet. Please - the FAA needs to stop being an obstruction, get out of SpaceX's way, sign their permits, and get on board with their efforts!! Kennedy's space initiatives in the 1960's gave us huge advances in technology (including computers!). We need those kinds of advances again - and the rising generations need these challenges!

From: [REDACTED]
Sent: Monday, October 18, 2021 6:06 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The Starship project, the spaceport from which it will launch, and the infrastructure which will support it, are all hugely important to Texas, the City of Brownsville, and humanity at large. While any project of this magnitude has its risks to the environment, the benefits it will bring will more than offset those dangers and SpaceX will undoubtedly be a good steward of the surrounding lands. Furthermore, Texas is a major oil producer, and thus has no shortage of experts in the cleanup and remediation of areas affected by industrial activities.

From: [REDACTED]
Sent: Monday, October 18, 2021 5:49 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let them fly

From: [REDACTED]
Sent: Monday, October 18, 2021 5:42 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My public comment from October 18th FAA zoom meeting: SPACE X- BOCA CHICA, TX. Hi, 1. My name is Zachary Parker. 2. I am a Georgia resident, not representing any organization or special interest group. I am speaking in my personal capacity, as an enthusiastic supporter of Space X and supporter of the human enterprise to push mankind's boundaries beyond earth, as embodied by Space X's various missions. 3. In recent years, the world has seen such unprecedented transformations in advanced technologies and their rapid applications. Most notably, the scientific explorations and technological endeavors made by SPACE X are unmatched by any other business or government entity pursuing similar purposes. SPACE X is working tirelessly and steadfastly in a bid to create the largest, most capable rocket the world is yet to see. This rocket ship is known as "Starship" for a long-term goal of transporting human passengers. 4. Space X's pursuits in the super-heavy launch vehicle program of Starship are applaudable. The company is making history and deserves the full support of the American people. Not only is the project poised to advance space exploration, it is also boosting the local economy in Space X's operational bases and launching site. Our collective understanding in space is going to increase and the scientific community will benefit from a historic case study. 5. While I applaud Space X for this exciting program, I also want to call on the company leadership to work collaboratively with and consult all stakeholders from community members, local governments, the federal government, and cross-disciplinary experts to ensure that the environmental costs associated with such an ambitious launching are minimized, mitigated and contained. Space X has a social responsibility to fulfill and that entails making sure the ecological footprint of this important exploration is sustainable. 6. Thank you for this opportunity to provide my testimony. GODSPEED, SPACE X

From: [REDACTED]
Sent: Monday, October 18, 2021 5:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow SpaceX technologies to execute a long term test campaign on its Starship/Superheavy launch system from Boca Chica and surrounding areas. This system is vitally important for US security interests, maintaining US aerospace dominance and the future of Humanity as we travel past our home planet. Thank you.
Keith Raney

From: [REDACTED]
Sent: Monday, October 18, 2021 5:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My name is Lucero Lopez , me and my husband Ernesto Lopez started a company in 2006 Lopez Family wood work and construction, we were a very small company family operated and last year Space X gave us the opportunity to work for them and we have grown from 2 employees to 55 employees, we have grown through out the months because of space x . Space x has been a blessing not just for us but for all our employees and local businesses. Because of the rapid growth we also have been able to donate a lot to different local charities and have done our own Boca chica beach cleanups. We also have relatives that have there own construction companies that have grown because of the positive effects that Space x has created. Space x has become a inspiration for many youth , and entire community. Being able to be part of the future of man kind to become a multi planet species is a honor to see everything being developed, in our very own backyard of Brownsville. Our company is woman and veteran own .

From: [REDACTED]
Sent: Monday, October 18, 2021 3:43 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Oversight is important, but one must also take into consideration the value of what is being proposed. Space is truly the next frontier and we should be doing everything we possibly can to lead in this area. Other countries seem to supporting their entrepreneurs in this area and I believe we should as well. Instead of trying to prevent their success by continuing to put up more and more hurdles, let's try to encourage it.

From: [REDACTED]
Sent: Monday, October 18, 2021 3:21 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I have a ranch in the Boca Chica area that has been in my family since 1825. In addition to that, the last battle of the Civil war was fought in that land... It has taken almost 45 years for local fauna, such as the deer, javelins, coyotes, etc to re-established itself. Also, the light pollution will substantially interfere with our observation of the night sky. I'm afraid that the SpaceX planned projects will substantially interfere with our quiet use and enjoyment of our property...

From: [REDACTED]
Sent: Monday, October 18, 2021 2:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I personally have been chased off public highway and Streets at Boca Chica by space X security. It got a lot better after the county district attorney talked with space X. When talking with the Texas department of transportation I was surprised SpaceX worked on the highway without knowledge of the district manager. And I have proof that this happened. I used to park on the shoulder of the highway like everyone in Cameron County when going to the beach. But now the shoulder of the road is denied the public, and much of the highway Shoulder is now nonexistent. I am also concerned about the refinery being built so close to the highway. Every refinery I've seen in Texas is set A very long ways away from public traffic. It is impossible to plan for a day at the beach because spacex seems to request three and four days of road closure each week. Cameron county does not cancel the road closure until The day of the closure. I have to make my plans to use the highway at least a day in advance, And I think space X should not request uses the highway until they are sure they need it. SpaceX in many ways is a good citizen, For example helping the turtle rescue during the last freeze. Unfortunately SpaceX ignores Texas law and does whatever it wants without Regard to the public here in my county of Cameron. It He's way past time Enforce penalties, and make it hurt.

From: [REDACTED]
Sent: Monday, October 18, 2021 2:32 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Cameron county has canceled so many road closures for Boca Chica they no longer announce that it's even canceled. The closure is just removed from their website. It's impossible to enjoy the beach or or go fishing one road closure is not corrected until after midnight of the day of the closure. I don't think it's unreasonable To expect a SpaceX to actually use the days they request the road to be closed.

From: [REDACTED]
Sent: Monday, October 18, 2021 6:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I'd like to thank the FAA for giving me this chance to comment - I am not a Brownsville resident, though I did live in San Antonio for a period due to my work, so I am commenting for myself here. While there are undeniable affects such as noise, traffic closures and the risks of crashes and explosions that affect the area, I believe the benefits both in terms of economic growth and the offerings to the US taxpayer in terms of capabilities a reusable super heavy rocket system provides outweighs the risks of allowing SpaceX to continue with its operations. For example Cape Canaveral has conducted launch operations for decades without adverse environmental issues, the area is in fact a thriving wildlife refuge due to the clearance zone keeping development away. A Reusable rocket will also keep us from just ditching rockets into the ocean, which also has environmental benefits. My only concerns are with clean up after any sort of explosion and with the large amount of methane used to fuel the rocket - this is unavoidable given the size of the rocket, but I trust that the FAA and relevant federal and state agencies will ensure adequate safety and environmental protection measures, but it is something they should keep an eye on- so I provide my support to the approval of SpaceX's operations in Boca Chica. Thank you.

From: [REDACTED]
Sent: Monday, October 18, 2021 1:23 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

It is vitally important that SpaceX be allowed to continue the rapid development and deployment of its Starship and Super Heavy platforms. After decades of stagnation in our country's space program and aerospace industries, it is truly amazing to watch SpaceX bring the dreams of NASA during the Apollo program back to life. America needs to dream. America needs to return to the Moon and venture beyond. If we are to be explorers we must one day travel to Mars and the asteroids; even further if we can. The company has a proven track record of safety and reliability achieved through years of working with NASA and the military. As with any major endeavor, there may be risks associated with SpaceX's rapid innovation and development. However, these are the risks worth taking. The Moon is within our grasp, but we should not make the mistakes of the past and let it slip away.

From: [REDACTED]
Sent: Monday, October 18, 2021 12:08 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

From the moment we were invited to be part of the Space X project as food suppliers, we have found that each of the people who work for Space X are completely committed to the development of local suppliers, they always let us know that their plans in the medium and long term complement better if the companies in the community are strong companies. Additionally, there is a big engagement with the local community and this has aroused and triggered interest in other types of projects like research and development, science and cultural

From: [REDACTED] wa.us
Sent: Monday, October 18, 2021 11:25 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I feel strongly that the SpaceX Draft PEA application should be approved without delay. They have been shown to be a very good steward of the environment and have gone above and beyond in maintaining proper respect and care of the environment surrounding their operations. I am a teacher in 6th-12 grade students and they agree that SpaceX needs to be approved for orbital launch testing at this site. Sincerely, Keith Stormo

From: Pete <[REDACTED]>
Sent: Monday, October 18, 2021 4:17 PM
To: SpaceXBocaChica
Subject: Virtual Public Hearing for the SpaceX Starship/Super Heavy Launch Vehicle Program at SpaceX Boca Chica Launch Site; Comments from Peter Foster
Attachments: Exhibit1.JPG; Exhibit2.JPG

Thank you for your attention to my comments in this hearing on the environmental impact of the SpaceX facilities in Boca Chica Texas.

My name is Peter Foster from Dallas, Texas. I work at SMAART Medical Systems, Inc., a national supplier of radiology computer systems for rural hospitals.

I recently visited the Boca Chica Launch Site and would like to share by observations hoping to bring some "common man" perspective to the impact of the SpaceX facility on the local environment.

I'm a private pilot, so I was able to take some photographs as I flew into Brownsville by way of Boca Chica on the morning of September 23, 2001. I'm providing one labeled exhibit A from over the southern end of South Padre Island looking South-southwest at the wetlands, the coast and the SpaceX facilities. I was struck by how small the SpaceX Launch Site is in the environment and I think you will agree, looking at the picture, that it is an extremely small footprint in the entire area. The buildings in the lower right of the picture are condos on South Padre Island, so this would be the northern boundary of the area of concern. As far as the eye can see, this is all undeveloped wetlands in Mexico and the U.S. Looking at this picture I believe one can easily see the negligible impact geographically the facility has on the environment. The picture labeled Exhibit 2 shows the vast wetlands looking more westerly from over the ocean. Again this enlarged picture shows how little the facility affects the wetlands area. Even with the proposed backfill, the area will be minimally affected.

In terms of wildlife, there is more than enough untouched wetlands area to accommodate any endangered or un-endangered species. I might point to Cape Kennedy and Cape Canaveral in Florida as an example of how wildlife adapts to space launch activities. Here there are many more launch pads and much more extensive construction for the last 65 years. I submit you will find that the environmental impact is negligible here, and this would be an existing example of what the Boca Chica environment with SpaceX might be in 50 years. Today, the area is ripe with wildlife, including many bald eagles, some of which have had nesting areas there for over half a century.

SpaceX also adds to the environmental efforts in the Rio Grande Valley area. For example, during the terrible winter storm of 2021, affectionately know locally as Snowmageddon, power was interrupted across much of the state. SpaceX, as a good corporate citizen, provided emergency power generation and volunteers to help save thousands of sea turtles from the cold weather. Please see the following on-line articles about this effort.

<https://interestingengineering.com/spacex-joins-locals-to-save-nearly-4500-sea-turtles-from-cold-in-texas>
<https://tesmanian.com/blogs/tesmanian-blog/spacex-turtles>

In summary, I'd like to urge you to find in favor of granting SpaceX the requested licenses and I believe SpaceX Launch facility will not adversely impact the area.

Peter Foster
[REDACTED]





From: [REDACTED]
Sent: Sunday, October 17, 2021 10:03 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To Whom It May Concern, I am a 62-year-old South Texas native. I was born and raised 2 short hours north of here in Robstown and have lived the majority of my life in the Coastal Bend area. However, 2 years ago my husband and I moved to Laguna Vista from Corpus Christi because he accepted a promotion here with the federal government. I will be honest. The move was a gamble. Throughout my life, the Brownsville area has never had a favorable reputation. No one I knew would willingly move here for the heck of it. The greatest concern we had when we moved here was the lack of job opportunities for me and the widespread poverty in the area. However, the lure of a career advancement in a similar climate with lovely beaches was enough to entice us to make the move, and it ended up being a good decision and partly because of SpaceX. It wasn't just his job that lured us here. It was the salt-water environment and surrounding habitat, too. I grew up camping out not far from here at Little & Big Shell and fishing in the Land Cut (the narrowest part of the Intercoastal Canal located between Corpus Christi and Boca Chica). I recall it being pretty rough as a kid sleeping in the back of a pickup truck on the beach or in our small cabin in the salt flats with no modern amenities except a Coleman lantern. In fact, I remember times I really did loath the Land Cut, because none of my friends would be able to come with me. Yet, over the years I acquired a special appreciation for the coastal areas of South Texas and never want to move too far from it. Our move here wasn't rosy at first. My career went on hold when the pandemic hit. Eventually, I accepted a lesser job here once the state began opening up again. In the back of my head, I was convinced that God had greater plans for me, and, boy, did He! My path crossed with SpaceX and things happened that I could not have imagined in my wildest dreams. I wish I were at more liberty to speak about it, but I will leave it as this. SpaceX is one of the greatest businesses with which I have had an association, and I have to pinch myself daily, because I just LOVE them. True, my view of SpaceX is bias, but it IS informed. I travel that direction three days a week and observe laser focused progress weekly. I can not express how happy it makes me to see young people- thousands of them flocking together from here and from all over the world with a common goal. There is a miracle happening in Boca Chica & Elon Musk is a magician. He is transforming an isolated desert-like salt flat (similar to the one I loathed as a kid at the Land Cut) into a mission with a destination to Mars. People are excited and want to be a part of it. Jobs are generating income that is being pumped directly and indirectly into the local economy. The trickle down effect will most definitely help the local folks that are struggling. Contractors that live locally have more money in their pockets, too. So, we should all be thankful for this economically needed boost. It makes me very sad to see environmentalists and local busy bodies complaining, especially since I view myself as a naturalist that appreciates South Texas coastal areas. In statistics class I learned that you can use numbers to make any point you want and I suspect some of the issues they may have measured could have been a result of the horrible freeze we experienced this past winter. It killed off a rabbit population in my neighborhood and I saw NO hummingbirds this past spring. This was caused by the freeze. I sincerely believe their complaints are exaggerated and I have made this assessment by observing launches from the comfort of my own front yard and by accidentally chatting with a Boca Chica local. He complained how Boca Chica was so busy now with traffic and congestion and did not want folks parking in front of his house. He complained that the value of his home had gone up, so then his taxes did, too. BUT despite all of this, he was thrilled that his wife (a photographer journalist) was able to daily photograph the progress of SpaceX. And my opinion was this- he can't have it both ways! Either you want progress, or you don't. I personally am 100% for it and believe it is inevitable. Because of my love of South Texas coastal areas, I assure

you that if I thought SpaceX was going to trash out the natural jewel of Boca Chica, I would be the first to complain loudly and you will NOT hear that kind of complaint out of me. Magic is happening in Boca Chica, Texas, and I hope it continues long after I am gone for my grandchildren to witness- something that they can cherish as I do my love for the coast here.

From: Kenneth Stone <[REDACTED]>
Sent: Thursday, October 14, 2021 3:51 PM
To: SpaceXBocaChica
Subject: I SUPPORT SPACEX

To Whom It May Concern,

I am writing to express my support for the SpaceX and their Starship-Superheavy project at Boca Chica, Texas. I see SpaceX (and its partnership with NASA) as vital to the United States' ability to remain competitive in the field of space exploration and technology development. I support the responsible stewardship of the area around Boca Chica, and from what I can tell SpaceX is doing that.

Thank you for the opportunity to comment on this project.

Have a great day!

Respectfully,

Kenneth Stone
San Antonio, TX

From: El'ad Askari <[REDACTED]>
Sent: Monday, October 18, 2021 5:48 AM
To: SpaceXBocaChica
Subject: My comment for the public hearing, regarding SpaceX's Starship

Greetings.

Regarding the Environmental Assessment -

I have been following SpaceX's activity quite closely for the past couple of years, and seeing how meticulously they test their vehicles and engines, and their uncompromising approach towards success and safety, and based on the fact that Mr. Elon Musk is extremely environmentally-conscious, and he's a huge advocate and a contributor for a healthy, and clean environment - I undoubtedly believe that SpaceX will do everything possible to reduce the environmental impact, and to ensure the safety of the public, property, the environment and wildlife.

Therefore I believe that it should be allowed to SpaceX to have as many launches (orbital and suborbital) as they need for the sake of testings - of their Super Heavy and Starship vehicles, in order for the project to really progress, and not get stagnant.

Sincerely,
Askari El'ad

From: [REDACTED]
Sent: Monday, October 18, 2021 4:39 AM
To: SpaceXBocaChica
Subject: my comment related to starship... just, please let it work!

Hello,

I am a 22 years old student from Poland and I just want to say that I follow Starship progress everyday and I just love this project and purpose. It's really, very , very important for me. I cant emphasize how much I care about SpaceX making a colony on Mars. I am willing to go there in future if they need an electronics engineer. Please help Elon Musk make life multiplanatery. That's all what I wanted to says.

Thank you for everything.

Bartosz Kozlowski, Kamiennik, Poland

From: Richard Krah1 <[REDACTED]>
Sent: Monday, October 18, 2021 11:49 AM
To: SpaceXBocaChica
Subject: My thoughts on the Boca Chica area

I have been a winter Texan for about 20 years. We like the area so much we have purchased a home in Harlingen. We visit Padre Island often and walk the beach. It is a beautiful area. I have been to Boca Chica, but years ago it was not a desirable place to visit. The changes that spacex have brought to the area are dramatic. They have brought in many jobs to the area, with many more planned according to the news reports. This area has been known as one of the lowest economic areas in the country for years. That has changed dramatically since spacex arrived. True, it has caused some disruption to the residents of the area, and I understand their reluctance to move, but the benefits that have derived far outweigh those few residents that seem to be holding out for even larger offers for their properties.

The wildlife of the area will be disrupted to some extent, but I have observed less in that area than on Padre island itself, even though there are many more people and vehicles. The wildlife seems to adapt to our presence, and we to them. If care is taken to mitigate the disruption, then the benefits of this expansion of the spacex facility far outweigh those concerns.

I would urge the committee to allow spacex to continue with their plans and the economic benefits that the area will derive.

Thank You,
Richard Krah1
Harlingen, Tx.

From: Israel Space Agency - SFS <[REDACTED]>
Sent: Monday, October 18, 2021 6:47 PM
To: SpaceXBocaChica
Subject: Next press conference.

Hello, I was wanting to join the next conference for the SpaceX starship launch license, and was wondering if I could. I would greatly appreciate it.

Thanks for reading,
Sean Colley

From: Ellen .Tyma <[REDACTED]>
Sent: Monday, October 18, 2021 12:34 PM
To: SpaceXBocaChica
Subject: Opposition of SpaceX

In addition to my oral argument this will be my record if time doesn't not permit all of my concerns.

The current SpaceX project has greatly impacted our peace and enjoyment of our property and surrounding area including Boca Chica Beach.

Many times we have been without power for up to 12 hours because of the drain SpaceX has put on the electric grid. When the power goes out we have NO INTERNET AND NO PHONE. We live on the river and cell phone coverage is dependent on my using a cell booster to call in an emergency. My husband is diabetic and 78 years old. I am disabled with multiple hip implants and mobility issues. Calling 911 cannot occur without cellular coverage. On more than one occasion while attempting to attend scheduled doctors appointments we were denied movement on State Highway 4 because SpaceX was moving equipment down a public road. Furthermore we have been hassled by Constables and Deputies for just trying to get to our home but cement trucks and contractors get a wave on through without document examination.

Traffic is horrendous and dangerous 24 hours a day. Speed limits and no passing zones are routinely ignored. Stepped up enforcement has done little to slow these dangerous contractors and workers down. A Tesla!!!! Tailgated us down the Highway and passed us on the "S" curves at the Refuge. We literally feared for our life as a cement truck met the car in the opposite direction.

We used to see the rare Ocelot and Jaguarundi but none since 2018. Protected birds like Caracara, buzzards, kites and hawks are slaughtered daily feeding on the carion killed by the excessive traffic. There is no more night sky, SpaceX runs 24/7 and the lighting has taken away the view of stars to our east.

Highway 4 is an utter disaster of broken asphalt, mega potholes and dangerous drop offs because of the heavy trucks and loads. This will only get worse with the Megaton power factory and LNG plant RIGHT NEXT TO THE REFUGE and STATE LANDS.

SpaceX will continue to blow up their bombs and ICBMs until you say stop and move it away from an International Border, Wildlife Refuge, and State Park Lands.

Furthermore there are people who use the Refuge as a camping site to get around any road closures. These people leave feces, garbage and SpaceX/Elon Tributes. This garbage continues because the Refuge staff does nothing to stop it or clean it up.

We have the right to peacefully enjoy our home and public spaces without loss of power or hindrance to and fro our home. SpaceX has ruined ALL of that for us.

Please STOP this disaster immediately and return our public beach, and make SpaceX remove their industrial complex. We will not stop our protests and opposition to this project.

Respectfully,

Ellen M. Tyma

Daniel S. Griffen
[REDACTED]

From: Brian Webster <[REDACTED]>
Sent: Monday, October 18, 2021 1:33 AM
To: SpaceXBocaChica
Cc: [REDACTED]; [REDACTED]; [REDACTED]; Andrus, Katherine (FAA);
[REDACTED]
Subject: Public Comment on Draft Environmental Review of SpaceX Starship/Super Heavy Program - Letter Attached
Attachments: BWA-STA Letter to the FAA for SpaceX PEA .pdf

Dear Ms, Zee

Attached is my 2-page letter for Public Comment on the Draft Environmental Review of SpaceX Starship/Super Heavy Program. Please add my public comment to the record for review. I have cc-ed several interested parties.

Best Regards,
Brian Webster
[REDACTED]

--

Brian Webster
[REDACTED]



October 16, 2021

Ms. Stacey Zee
SpaceX PEA c/o ICF, 9300 Lee Highway
Fairfax, VA 22031 - [REDACTED]

CC: Steve Dickson, FAA Administrator - [REDACTED]
Brian Rushforth, Chief of Staff FAA OCST - [REDACTED]
Wayne R. Monteith, Associate Administrator CST - [REDACTED]
Katherine B. Andrus, Manager, EPO (AEE-400) OEE - [REDACTED]
Edward Boling, Associate Director CEQ EOP - [REDACTED]
Michael Lapidus, SpaceX Government Affairs - [REDACTED]
Pete Sepulveda, Jr., Cameron County Administrator - [REDACTED]

Dear Ms. Zee,

This letter is to express my support for expanding SpaceX's program at the Boca Chica Starbase in Texas to allow the maximum amount of launch and reentry missions possible within the next five years.

I am a business owner (SpaceTourismAgency.World) in San Francisco that is planning on bringing space tourist business to the Rocket Ranch in Cameron County, specifically to watch Space X's Starship launches. This is a new destination in the global eco-tourism industry.

I am a lifelong environmental activist and advocate. I have read the 21-page Executive Summary of the Draft Programmatic Environmental Assessment for the SpaceX Starship Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site. I have read the Save RGV Scoping Comments on FAA Programmatic Environmental Assessment SpaceX. I have read the Lower Rio Grande Valley Sierra Club and the Texas Sierra Club's position on both the Draft Programmatic Environmental Assessment (PEA), and their request for a new Environmental Impact Statement (EIS).

While I generally agree with their concerns, I fundamentally disagree with their narrow point of view on SpaceX operations in Cameron County. SpaceX's operations and development in Boca Chica are a priority for global environmental sustainability as well as national and planetary defense. SpaceX is arguably the world's leading aerospace company. Their daily work is being closely watched through progress reports and weekly Internet video podcasts viewed by hundreds of thousands of people around the world. Many of them like me, believe that SpaceX is a world class company in the field of environmental responsibility and ethics.



[REDACTED]

SpaceX's stated mission is to reduce space transportation costs and enable the colonization of Mars so that humanity will become a multi-planet species. That mission is being increasingly embraced by Americans, American leaders, and people of all nations.

The work that needs to be done now for humanity to become a multi-planet species requires a privately owned American aerospace company with robust operations in Cameron County. That is the southernmost location in the United States for the astrophysical advantages of building and launching space ships as close to the equator as possible. America's position in the world, and the physics of Earth in space, combine to make it the very best location.

Regarding our current environment and the bigger picture of life on earth, it is a scientific fact that - from the tiniest mold spore to the largest mammals – over 99% of all species that have ever existed on Earth are now extinct. This is due to both natural selection and great extinction events, such as the sudden eruption of super volcanoes and the collision of large objects from space. Humanity must now also contend with the modern global threats of pandemics and nuclear war.

These real-world threats all speak to the pressing need for humanity to become a multi-planet species. It is a necessary "life insurance policy" for both humanity and a great number of species now living on earth. This is not science fiction but the opinion of environmental leaders who study earth science and astrobiology. What we do today directly affects our future living environment both on earth and on future outposts in our solar system.

Additionally, over the next five years, SpaceX's manufacturing and launch operations in Cameron County are a strategic priority for the success of NASA's Artemis lunar program.

To sum up; as a professional strategic advisor, as a small tourist business owner that supports green jobs and economic development, as an environmental activist, as a life-long supporter of the larger goals of the Sierra Club and Green Peace, as a citizen scientist, and as a concerned American, I support expanding SpaceX's program at its Boca Chica base in Texas to allow the maximum amount of launch and reentry missions possible within the next five years.

Please add this to the Public to Comment on the Draft Environmental Review of the SpaceX Starship Super Heavy Program.

Sincerely,



Brian Webster

Owner of Space Tourism Agency .World

DBA – Brian Webster and Associates



From: OATH <[REDACTED]>
Sent: Monday, October 18, 2021 6:49 PM
To: SpaceXBocaChica
Subject: Public comment on PEA

I no longer wish to make a vocal comment in the next meeting; below is my comment.

My Name is Owen Hill; I support the FAA's plan to issue an experimental permit or vehicle operator licence to SpaceX. I must commend the fine people who work at the FAA to come up with such a great proposal, consolidating the diverse needs of SpaceX into a simple permit. These individuals are great examples of a competent government; despite being overshadowed by staff who have accepted bribes from Boeing or Amazon, people who serve the interests of mega-corporations; rather than the interests of society. I congratulate those fine people; every hour spared, every launch approved, is invaluable. When history talks about unsung heroes, like Vasili Arkhipov, the man who saved the world from nuclear apocalypse, we are only scratching the surface; many remain unsung. I implore whoever is reading this to take pleasure in witnessing humanity spread throughout the galaxy; as a direct result of their actions. I hope you spread good tidings about SpaceX around the workplace and identify and expose those who have any interest in delaying the process and betraying their fellow man. Corruption in the FAA is not conjecture; in January of this year, Boeing had to pay \$2 billion after bribing members of the FAA to approve a plane that caused two fatal crashes, ending the lives of 346 people. If such an unimportant and ultimately dangerous project can be easily and swiftly approved, why can't perhaps the most important programme of our time be?

The environmental concerns are unfounded. There is no evidence of a single animal death occurring due to SpaceX activity. In February of this year, Texas suffered frigid weather and blackouts. Cold snaps are dangerous to animals like sea turtles, which can get cold-stunned and drown. To help out, employees from the nearby SpaceX Boca Chica launch site joined Sea Turtle, Inc. They rescued some 850 turtles, which added to a total of about 4500 saved turtles. The space company has collaborated with the nonprofit on previous occasions. Additionally, on February the 16th, officials from SpaceX showed up at Sea Turtle, Inc.'s facility with a massive commercial generator, giving the nonprofit power to help them shelter the rescued sea turtles. So rather than being a detriment to local lifeforms, SpaceX is a net positive, with >850 endangered animals saved.

The truth is that wealthy landowners, understandably, do not like noise and road closures. Additional infrastructure addresses these problems. It is time America prioritizes important progress in science and technology over appreciating property values.

You must have the bravery to call out corrupt staff and issue this permit as fast as possible. This is crucial because tragedy could strike the earth at any time. The only way to prevent a meteor, meteorite or comet strike is to send rockets into space, attach explosives and send it on a slightly altered trajectory just enough to miss earth. Scientists say this is surprisingly easy but is only possible with advanced rocket technology; time is of the essence.

Thank You,
Owen Hill

From: Paul Kripli ([REDACTED]) Sent You a Personal Message < [REDACTED] >
Sent: Monday, October 18, 2021 12:33 PM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

An accident on the scale of a Starship/SuperHeavy launch vehicle would be a devastating catastrophe for the Laguna Atascosa Wildlife refuge, the Lower Rio Grande Valley Wildlife refuge as well as for nearby communities of color and endangered species like the ocelot and aplomado falcon.

At the very least, the FAA should conduct a comprehensive Environmental Impact Statement because of the size and scale of SpaceX's new launching operations. This Environmental Assessment is extremely inadequate, because it only evaluates an "initial mission profile," and does not address:

1. The FAA's claims that SpaceX's mission is to launch larger rockets in pursuit of National Space Policy goals, which were updated by Trump in 2020. These policy goals should be evaluated by the new Biden Administration, and actually reflect whether space exploration is in the interest of the public rather than private corporations seeking to profit.
2. The already damaged land and wildlife that SpaceX has already caused, in addition to the new plans that will permanently destroy acres wetlands and floodplains,
3. SpaceX's rocket launching schedule results in beach closures that would further strip away people of color's rights to fish and recreate at Boca Chica Beach by up to 800 hours per year, about an entire month.
4. Elon Musk, using his social media platforms to attract outsiders to displace a historically marginalized community. Already, longtime residents are being forced away from their beach and homes, and it doesn't help when outsiders, attracted by Elon Musk and his social media presence, displace residents by moving here or soliciting comments and opinions from people who've never even been to the region.
5. SpaceX has never consulted with the Carrizo/Comecrudo Tribe of Texas, who have ancestral ties to the region, about operations. Under the United Nation's Free, Prior, and Informed Consent, SpaceX should not be authorized without consultation and consent of the Tribe.

Additionally, the FAA should have to redo its regulatory process to accommodate the Spanish-speaking population because the public hearings and materials are not translated.

About 80% of the Rio Grande Valley community, which is directly impacted by SpaceX, speaks primarily Spanish at home. The FAA should not allow SpaceX to continue to expand to launch the Starship/Super Heavy project at Boca Chica Beach because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

Paul Kripli



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Rebekah Hinojosa ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Monday, October 18, 2021 10:11 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I demand that the FAA reject the permits for SpaceX.

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

An accident on the scale of a Starship/SuperHeavy launch vehicle would be a devastating catastrophe for the Laguna Atascosa Wildlife refuge, the Lower Rio Grande Valley Wildlife refuge as well as for nearby communities of color and endangered species like the ocelot and aplomado falcon.

At the very least, the FAA should conduct a comprehensive Environmental Impact Statement because of the size and scale of SpaceX's new launching operations. This Environmental Assessment is extremely inadequate, because it only evaluates an "initial mission profile," and does not address:

1. The FAA's claims that SpaceX's mission is to launch larger rockets in pursuit of National Space Policy goals, which were updated by Trump in 2020. These policy goals should be evaluated by the new Biden Administration, and actually reflect whether space exploration is in the interest of the public rather than private corporations seeking to profit.
2. The already damaged land and wildlife that SpaceX has already caused, in addition to the new plans that will permanently destroy acres wetlands and floodplains,
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4. Elon Musk, using his social media platforms to attract outsiders to displace a historically marginalized community. Already, longtime residents are being forced away from their beach and homes, and it doesn't help when outsiders, attracted by Elon Musk and his social media presence, displace residents by moving here or soliciting comments and opinions from people who've never even been to the region.
5. SpaceX has never consulted with the Carrizo/Comecrudo Tribe of Texas, who have ancestral ties to the region, about operations. Under the United Nation's Free, Prior, and Informed Consent, SpaceX should not be authorized without consultation and consent of the Tribe.

Additionally, the FAA should have to redo its regulatory process to accommodate the Spanish-speaking population because the public hearings and materials are not translated.

About 80% of the Rio Grande Valley community, which is directly impacted by SpaceX, speaks primarily Spanish at home. The FAA should not allow SpaceX to continue to expand to launch the Starship/Super Heavy project at Boca Chica Beach because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

Rebekah Hinojosa



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Eric Ziehe <[REDACTED]>
Sent: Monday, October 18, 2021 6:00 AM
To: SpaceXBocaChica
Subject: Space X Boca Chica, Brownsville TX

I fully support the FAA granting Space X an experimental permit and vehicle operator license to further its operations in south Texas at the Boca Chica site. Please feel free to contact me if you want further input.

Thank you,

Eric

Eric J. Ziehe, CCIM

Associate Broker

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

From: William Pierce <[REDACTED]>
Sent: Monday, October 18, 2021 7:02 PM
To: SpaceXBocaChica
Subject: Spaces orbital launch

There are no toxic chemicals being released, like petroleum, sulferoxide, lead, hydrocarbons, etc. The possibility of a big boom is possible, but nothing compared to a w88. The potential to move mankind into the stars is in the balance. Your concern for the potential harmful effects are miniscule to the balance. Therefore, my opinion is for the FAA to back Spaces all the way. Help, not hinder. Get out of the way. Go hassle Exon.

From: Johnny LeBlanc <[REDACTED]>
Sent: Monday, October 18, 2021 2:22 PM
To: SpaceXBocaChica
Subject: SpaceX At Boca Chica

I totally support a viable SpaceX space port at Boca Chica, TX. The amazing and disruptive technology SpaceX is developing is critical to the future of economical space travel and incredibly important in keeping the United States space programs (civilian, scientific and military) the most advanced in the world.

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Regards,
Johnny LeBlanc
[REDACTED]

From: Andy Skibba <[REDACTED]>
Sent: Monday, October 18, 2021 6:13 AM
To: SpaceXBocaChica
Subject: SpaceX Boca Chica Hearing comment

Good morrow!

I am electronic mailing to express my support of Space Exploration Technologies Corporation's launch complex in Boca Chica, Texas.

Similar to the NASA complex in Florida, the Boca Chica launch area will be a great benefit to local business, the community, and to wild life (as additional construction will be virtually existent outside of the launch property due to safety constraints.)

As the size of the complex grows, additional workforce will be necessary; adding size to the local community due to the additional employees as well as all of the support infrastructure that would follow.

Thank you for allowing me to express my support of this monumental project.

From: Bud <[REDACTED]>
Sent: Monday, October 18, 2021 6:11 AM
To: SpaceXBocaChica
Cc: Bud Willner
Subject: SpaceX Hearing

Importance: High

It is appropriate for people to own homes near a missile launch site but must be totally advised to the tremendous pressure a launch vehicle develops. SpaceX is doing just that but need totally assist those needing evacuation.

Having been involved in the early stages of the missile business and very near launch sites at Vandenberg AFB Cal during launches, there is a chance of damage to the ears and pressure waves to the abdomen causing a person to get nauseated and sick.

Bud Willner
Virginia

From: Bob's Gmail <[REDACTED]>
Sent: Monday, October 18, 2021 6:39 PM
To: SpaceXBocaChica
Subject: SpaceX PEA

Thanks to the FAA for hosting this forum.

I am for SpaceX continuing development at Boca Chica Texas. As a long time resident of Texas and new home buyer in the Rio Grande Valley, I'm looking forward to seeing this effort by SpaceX going forward.

SpaceX is concerned about our environment. We were here in February 2020 during the week of freezing temperatures with power outages. SpaceX provided generators at their expense to provide power to the local sea turtle rescue facility. They are directly responsible for saving thousands of sea turtles that would have died from cold.

We recently traveled to Kennedy Space Center in Florida and I was impressed by the amount and variety of wildlife surrounding the spaceport. Merritt Island is a great habitat for wildlife. There are alligators, eagles and ospreys, as well as many other animals and birds that enjoy a great habitat as people don't live right there. They also have many more launch facilities there and at Cape Canaveral.

We watched several launches from SpaceX Boca Chica and the noise was not objectionable and only lasts for a short time. I'd also like to mention that methane is a gas and won't contaminate the area like kerosene if an accident occurs.

SpaceX is the only opportunity at this time to continue human exploration of our solar system. If the political climate changes this opportunity may be lost for years or even decades.

Thank you,
Robert Murray

Sent from my iPhone

From: Evan Moyle <[REDACTED]>
Sent: Monday, October 18, 2021 4:17 PM
To: SpaceXBocaChica
Subject: SpaceX Public Comment

The environment is very important especially in the long term. That said we have a perhaps once in history opportunity to spread earth's creatures across the cosmos and lower the probability that us and other complex multicellular organisms go extinct. How sad would it be if we didnt seize that opportunity and the descendants of us and our relatives on earth went extinct because of it? Thank you.

From: Leo <[REDACTED]>
Sent: Monday, October 18, 2021 7:16 AM
To: SpaceXBocaChica
Subject: SpaceX Starship Super Heavy Project at the Boca Chica Launch Site

Let Elon and SpaceX team fly! The whole world wants to see it happen! Go SpaceX!

From: Ann Millard <[REDACTED]>
Sent: Monday, October 18, 2021 9:38 AM
To: SpaceXBocaChica
Subject: SpaceX Starship/Super Heavy Launch Vehicle Program at SpaceX Boca Chica Launch Site

To the FAA and associated bodies:

Please consider protection of the natural environment in regard to the proposed expansion of SpaceX at the Boca Chica Launch Site. The natural environment that needs protection includes on-shore resources including the mouth of the Rio Grande River and surrounding land especially including the undeveloped lands in that region of the Rio Grande Valley plus the Gulf Coast shallows and beaches that are important to marine life, including endangered sea turtles, and the air, which is becoming increasingly polluted in our region of Texas.

Contamination of air and water through burning tremendous amounts of fuel to launch a spaceship is not acceptable.

Disturbance of migratory pathways of birds and butterflies is not acceptable.

The natural resources abounding in the Boca Chica region of the lower Rio Grande Valley are unique, important to Texas, the rest of the U.S., and Mexico, and need protection.

There are other areas of the Gulf Coast that could be used for spaceship launching that would threaten the natural environment less. There are also areas of Texas that can be used, that are not on the coast.

Thank you for considering these points in your discussion.

Sincerely yours,

Ann V. Millard, Ph.D.

Associate Prof. Emerita, Texas A&M University School of Public Health (this information for identification only, not to indicate a stance of TAMU)

Fellow, International Valley Health Institute

From: James Oates <[REDACTED]>
Sent: Monday, October 18, 2021 1:12 PM
To: SpaceXBocaChica
Subject: SpaceX

I have a comment that I don't believe my community here in Brownsville will continue to have access to the beach or the highway. I have proof that SpaceX worked on the highway before having an official approval from the Texas department of transportation.

I used to be able to park on the shoulder of the highway and walk to the beach, but now SpaceX has effectively eliminated the shoulder of the road.

From: [REDACTED]
Sent: Monday, October 18, 2021 3:29 PM
To: SpaceXBocaChica
Subject: Starship development

To who it may concern: I'm over fifty years old. I remember the couch my mother was sitting on while she held me watching the moon landings in 1969. Since then there have been great achievements in space science and astronomy, but true advances in space infrastructure have been stalled. As an eligible voting citizen of the USA, I ask that our government do everything it reasonably can do to accelerate and support the speedy development of the SpaceX Starship system. I believe time is of the essence in this case. The program must not be delayed. Thank you for this hearing of my plea. Michael C. Nolan

From: sandra tarpey <[REDACTED]>
Sent: Monday, October 18, 2021 7:52 AM
To: SpaceXBocaChica
Subject: Super Heavy Launch comments

Sandra Tarpey with South Texas Surfrider Foundation.
My concerns & questions:

1. You have originally been permitted for 300 hours annually to close Hwy. 4 for Beach access to Boca Chica Beach. Legally can you now close for up to 800 hours? This totally goes against the Texas Open Beach Act.
2. The Super Heavy Launch will create major pollution to the entire surroundings harming humans & wildlife. Are you following the Air pollution Laws?
3. A super heavy Launch could cause major damage to glass, plaster, roofs & outside walls. Who will pay for this damage & how soon would repairs be done?
4. Closing the Brownsville Ship Channel & South Bay will affect the fishing industry. Will you reimburse the Fishing guides for loss of income?
5. It seems that potential damage to homes & businesses may in fact raise concerns to Insurance companies. What recourse will the consumers have in this regard?

I hope to hear answers to my concerns. We feel that transparency is not being honored for these upcoming Super Heavy Launches.

Best regards,

Sandra Tarpey
[REDACTED]

[Sent from Yahoo Mail on Android](#)

From: Raymond Attisha <[REDACTED]>
Sent: Monday, October 18, 2021 10:17 AM
To: SpaceXBocaChica
Subject: Support for SpaceX at Boca Chica & their Efforts to launch Starship

I wholeheartedly give my support to the administration of SpaceX and any government agencies, like NASA, who are engaged in the development of the Boca Chica Spaceport and specifically the Starship program.

Living in Seattle, we have seen the benefits to the local community that Boeing provides as it continues to develop rockets and space technology for the benefit of the United States. I have many friends who are engineers and salespersons for Boeing and have raised their families happily in the Pacific Northwest and been actively involved in the local community. Boeing has also supported many third-party employers who multiply the economic benefits by factors of 3x to 4x.

SpaceX has taken those reins and expanded the potential for space flight to new heights. They have achieved technical feats, like reusable 1st stages and fuselage recapture, that were previously the realm of science fiction. What they are doing is unprecedented and the country should be supporting them wholly. The benefits to the local area and to the United States in general will be incalculable.

Please consider my vote of confidence and support as you make your determinations regarding the future of SpaceX in Boca Chica, TX.

With thanks,
Ray Attisha
Seattle, WA

Sent from [Mail](#) for Windows

From: Jeff Sadino <[REDACTED]>
Sent: Monday, October 18, 2021 12:28 PM
To: SpaceXBocaChica
Subject: Support for SpaceX

I strongly support the work that SpaceX is doing and urge the FAA to approve SpaceX's plans for an Orbital launch.

SpaceX has demonstrated commendable efforts to protect the environment. The benefits that we will realize from Orbital flight outweigh the costs that will be incurred, in my opinion.

Thank You.
Jeff Sadino

04544

From: Cal Condly <[REDACTED]>
Sent: Monday, October 18, 2021 4:36 PM
To: SpaceXBocaChica

Love SpaceX. It should be "all systems go"!

From: T <[REDACTED]>
Sent: Saturday, October 16, 2021 10:09 AM
To: SpaceXBocaChica
Subject: Belief In Space X

Hello,

Thank you for the opportunity to comment.

For me, Space X, Star Base, and Star Ship are about the future of mankind.

I believe that the government at all levels should be doing everything possible to help Space X, Star Base, and Starship.

I think the Government has very little knowledge/understanding of what Elon Musk and his teams are accomplishing and trying to accomplish.

I believe it is time for the government to put its trust in Elon Musk and all of his companies and NOT "play politics".

I'm an old man in his late 70's who is absolutely thrilled with all that Elon Musk and his teams have done, continue to do, and will do!

I believe in Space X, Star Base, and Starship with all my heart and soul!

I wonder how the politicians that oppose these endeavors will respond to their children and grandchildren when they ask "Why didn't you believe"?

I am grateful for your time and your attention in taking a moment to read my remarks.

As a disclaimer, I live on a very small pension and unfortunately do not own any Tesla Stock or Tesla products.

Thanks,

T. Andrews

From: Maria Bodden <[REDACTED]>
Sent: Tuesday, October 19, 2021 10:23 AM
To: SpaceXBocaChica
Cc: [REDACTED]
Subject: Comment

I have been a resident of Cameron County, Texas for most of my life. My purpose in sending you this correspondence is to voice my support of SpaceX South Texas, its mission, and SpaceX's FAA license application.

It is my understanding that SpaceX is building the Starship "rocket ship" to transport people and cargo into space, including the Moon, Mars, and beyond. The endeavor of pursuing space exploration and building a launch site for orbital mission at Starbase "Boca Chica" is something that I favor and champion.

I believe that the recent growth of my community and its neighbors is highly due to the positive impact SpaceX has had in developing and creating jobs for individuals and small businesses and corporations. I am confident that SpaceX will continue to work with local and state leaders to maintain safety and regard environmental impact.

I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX South Texas.

Sincerely,
M. Alice Bodden

Sent from my iPhone
M Alice Bodden

From: mary.jarvis <[REDACTED]>
Sent: Tuesday, October 19, 2021 2:41 PM
To: SpaceXBocaChica
Cc: timj882009
Subject: Comments on SpaceX Draft PEA attached
Attachments: Comments on SpaceX Boca Chica MFJ 19OCT2021.docx

Timothy Thomas Jarvis, PhD, CSP

&

Mary Feild Jarvis, PhD

[REDACTED]

19 October 2021

Subject: Comments Submittal

Reference: These comments respond to the Federal Aviation Administration's (FAA's) Public Comment Period on the Draft Programmatic Environmental Assessment (PEA) for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas.

Submitted to: [REDACTED]

Abbreviations:

EIS: Environmental Impact Statement

EA: Environmental Assessment

FAA: Federal Aviation Administration

NEPA: National Environmental Policy Act

Comment 1: As the lead Federal agency, the FAA is tasked with determining what level of NEPA document and review is required. This Federal function cannot be delegated to a private entity, in this case, SpaceX. The draft PEA indicates that FAA has delegated its responsibility for NEPA to SpaceX.

The lead Federal agency overseeing the NEPA process "owns" the actions being assessed. Even though it is usually a private company doing the work in the field, it is the Federal agency that is responsible for assuring that all potential harms are identified, avoided, or mitigated via the NEPA process. The Federal agency cannot delegate its responsibilities to a subcontractor or permittee.

“Each Federal agency is required to develop NEPA procedures that supplement the CEQ (White House Counsel on Environmental Quality) Regulations.

Developed in consultation with CEQ, a Federal agency’s NEPA procedures must be consistent with the CEQ Regulations while reflecting the agency’s mandate and mission. Agency NEPA procedures may reflect agency specific statutory requirements, regulations, and guidance, and the agency’s use of NEPA analysis to satisfy other review requirements.”

Source: Federal Agency NEPA Implementing Procedures (revised June 4, 2020).

Comment 2: The decision to move the proposed project work to the PEA stage from the PEA scoping stage was premature and apparently not in regulatory compliance. Our written comments, provided in the scoping stage, were not acknowledged or properly dispositioned. Most Federal agencies formally disposition public comments received on National Environmental Policy Act (NEPA) documents for which they have oversight.

We have previously submitted two (2) sets of comments on this proposed action; one on 21JAN2021 (six pages) and on 18APR2021 (eight pages). We have received no acknowledgement of their receipt, responses to our comments, or answers to our questions. Obtaining public comment and addressing each comment in a profession, honest, and respectful manner is a cornerstone of the NEPA process. Failure to address or acknowledge comments may be a costly mistake due to potential litigation resulting in disruption of operations.

In addition, please note that the previous submittal of two (2) sets comments apparently did not qualify us as ‘interested parties’ because we received no notification about the publication of the Draft PEA.

Apparently, the public must read the **Brownsville Herald** (not the **Valley Morning Star** to which we subscribe) in order to learn that project NEPA documents are available. The intent of the NEPA process is to disseminate public notification broadly.

Comment 3: As concerned citizens and scientists, we submit that all work at the SpaceX Boca Chica Site be halted until such time as an approved NEPA document be finalized. Despite repeated attempts, we have been unable to locate an electronic copy of the SpaceX 2014 NEPA document. However, the 2021 draft PEA states that the 2014 document does not cover the currently proposed project work scope. It is not legal to operate the facility without proper NEPA coverage.

The Draft PEA fails to give the data necessary to fully evaluate all the work activities proposed. Thus, if the public does not have the information necessary to scientifically evaluate the proposed options, they cannot make informed comments on the proposed options. For example, the type and quantity of toxic emissions from site operations, including the proposed power plant, are not presented or discussed. The Draft PEA lacks sufficient detail to accurately assess the probable risks and impacts of such a large and potentially dangerous set of planned activities.

Comment 4: We strongly disagree with the use of population density as justification for conducting unmitigated high-risk activities.

The Draft PEA uses the phrase “sparsely populated area” to justify the need not to mitigate potential hazards or risky activities. Please note that in the United States of America, a person’s rights under the law or under the Constitution are not based upon population density. An entity is not allowed to harm or steal property from someone just because they have few neighbors. The same environmental and health protections apply as if this action were being taken in a densely-populated urban center.

Comment 5: In demanding excessive closures of Highway 4 and access to Boca Chica Beach and its vicinity, SpaceX has been unfair to the public and residents. SpaceX is putting their commercial activities and profit ahead of the public good. Perhaps SpaceX should pay each affected individual \$300.00; payable prior to the date of beach or road closure.

Boca Chica Beach is a treasured, undeveloped, natural and recreational area that the residents of the Rio Grande Valley and Northern Mexico have enjoyed for centuries; that is until SpaceX arrived. Now Boca Chica Beach appears to “belong” to the commercial interests of SpaceX .

Apparently, SpaceX has “appropriated” or been given a public Texas beach because if SpaceX controls access, they in effect control the Beach and resident’s property. SpaceX should pay for what they have taken. Assuming that the loss of a day’s recreation at the beach is worth, at a minimum, \$300.00. Thus, when SpaceX wants to close access to the beach, they should verify to the county judge that they have paid each affected individual for each day of planned closure, prior to being permitted to close.

From: Rafael Bodden <[REDACTED]>
Sent: Tuesday, October 19, 2021 10:24 AM
To: SpaceXBocaChica; [REDACTED]
Subject: Correspondence IN SUPPORT OF SpaceX FAA License Application

My name is Rafael Bodden. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

Rafael Bodden

From: Conrad Bodden <[REDACTED]>
Sent: Tuesday, October 19, 2021 8:56 AM
To: Marisela Cortez; SpaceXBocaChica
Cc: Conrad Bodden
Subject: Correspondence IN SUPPORT OF SpaceX FAA License Application

Via Email Only: [REDACTED]

Via Email Only: [REDACTED]

Ms. Marisela [REDACTED]

Ms. Stacey Zee, SpaceX PEA

1 Rocket Road

Starbase, Texas 78521

Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application

My name is Conrad Bodden. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

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As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

Conrad Bodden
Core Construction of RGV LLC



CORE CONSTRUCTION OF RGV
CONSTRUCTION | RENOVATION | SITE WORK

This e-mail and attachments (if any) is intended only for the addressee(s) and is subject to copyright. This e-mail contains information which may be confidential or privileged. If you are not the intended recipient please advise the sender by return e-mail, do not use or disclose the contents and delete the message and any attachments from your system. Unless specifically stated, this e-mail does not constitute formal advice or commitment by the sender or Core Construction of RGV LLC.

From: Carlos Varela <[REDACTED]>
Sent: Tuesday, October 19, 2021 9:43 AM
To: SpaceXBocaChica; Marisela Cortez
Subject: Correspondence in Support of SpaceX

**Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA
License Application**

My name is Carlos Varela. I am a resident of Brownsville, Texas and have lived in Cameron County, most of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

Carlos E. Varela

Partner

Origo Works, LTD.

Sent from my iPhone

From: Ruben Quintero <[REDACTED]>
Sent: Tuesday, October 19, 2021 9:57 AM
To: [REDACTED]
Cc: SpaceXBocaChica
Subject: Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application
Importance: High

Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application

My name is Ruben Quintero. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

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As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

Ruben Quintero



From: Juan Andrade <[REDACTED]>
Sent: Tuesday, October 19, 2021 10:05 AM
To: [REDACTED]
Cc: SpaceXBocaChica
Subject: Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application

Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application

My name is Juan Andrade Jr. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,
Juan Andrade Jr.

From: Irene Benavides <[REDACTED]>
Sent: Tuesday, October 19, 2021 10:46 AM
To: [REDACTED]
Cc: SpaceXBocaChica
Subject: Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application

Ms. Stacey Zee, SpaceX PEA
1 Rocket Road
Starbase, Texas 78521

Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application

My name is Irene Benavides. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

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As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

Irene Benavides



From: Mario Cisneros <[REDACTED]>
Sent: Tuesday, October 19, 2021 11:54 AM
To: [REDACTED] SpaceXBocaChica
Subject: Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application

My name is Mario A. Cisneros. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

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As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

Mario A. Cisneros

From: Armando Recio <[REDACTED]>
Sent: Tuesday, October 19, 2021 9:41 AM
To: [REDACTED] SpaceXBocaChica
Subject: Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application

Via Email Only: [REDACTED] -

Via Email Only: [REDACTED] -

Ms. Marisela [REDACTED]
Ms. Stacey Zee, SpaceX PEA
1 Rocket Road
Starbase, Texas 78521

Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application

My name is Armando Recio. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

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As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

Armando Recio



From: Fabian Lungu <[REDACTED]>
Sent: Tuesday, October 19, 2021 5:21 AM
To: SpaceXBocaChica
Subject: Ecosystem PROBLEM

To Whom It May Concern,

This is an open letter to the FAA, addressed to Stacey Zee Environmental Protection Specialist, and James Repcheck, Manager Safety Authorization Division, in response to their September 17th 2021 posting on Twitter and the FAA website asking for public input regarding the Draft Programmatic Environmental Assessment of SpaceX StarShip/SuperHeavy launch vehicle Program.

We are writing on behalf of our 31,000-member strong online community - our channel The Common Sense Skeptic has been following the activities of Elon Musk and SpaceX for several years now, and producing video content based largely on Musk's various claims made starting in July of 2020.

We had intended to go through the 150+ page document point-by-point with our concerns, but we note that this document was not created by the FAA. This document was prepared by three environmental engineers who are SpaceX employees, and one employee named Brian Pownell, who is a transportation engineer working for a consulting firm named Kimley Horn & Associates. That firm seems to specialize in large city-scale infrastructure projects rather than anything remotely environmentally friendly.

Upon completion, this document was submitted to Recheck at the FAA for consideration; and, as part of that consideration, your agency is now asking for input on this document outlining SpaceXs continued sprawl across the general Boca Chica area.

To set the tone of this letter, we - our channel, and our online community - are space enthusiasts, but we do not support Elon Musk's unsanctioned, reckless and destructive activities in the Boca Chica area.

Neither should the FAA, because the activities being conducted here do not resemble whatsoever the original intended, declared, permitted purpose of this site.

A bit of history here,

In the beginning, when SpaceX was shopping for launch sites and Texas threw their hat in the ring along with the city of Brownsville, Musk's declared intention was to establish a single launch pad and infrastructure for variations of the Falcon rocket, which was commissioned and endorsed by NASA to service the International Space Station as part of a \$1.6billion contract. This was how the proposed facility was to be built.

To attract Musk and SpaceX to Brownsville, a list of incentives was presented to Musk, including \$2.3 million from the Texas Enterprise fund, and another \$13 million through the Cameron County Spaceport Development Corp, a private-public business which would quickly be turned against the residents of Boca Chica Village to force them out of their homes on Musk's orders.

As part of this incentive package, Texas also changed state laws to allow Musk to launch one rocket per month, on weekdays between 7am and 7pm, Monday to Friday, excluding holidays. This state law also prevents SpaceX from being sued for noise complaints as a result of those launches - which were supposed to be of Falcon9 or Falcon Heavy launch vehicles.


Since accepting the state's invitation and money, Musk has been operating in the Boca Chica area as if he has absolutely no oversight.

Instead of building a single launch facility similar to SpaceX leases in Cape Canaveral and Vandenberg Space Force Base, Musk has instead constructed a massive industrial complex and launch operations centre in an area that is situated between no less than four separate ecologically important and sensitive areas.

They are Boca Chica State Park, Brazos Island State Park, the Las Palomas Wildlife management area, and Boca Chica Beach. Musk's Launch centre is directly adjacent to every single one of those protected areas.

AND, Musk has built a completely separate industrial manufacturing complex that was never accounted for in any other assessment!

In 2014, your office - the Federal Aviation Administration - released an EIS report commissioned in 2013 to evaluate the impact this launch complex would have on the surrounding environment and wildlife, with special emphasis on federally-protected species. That assessment was conducted using the following parameters:

- A) That the site would be a single launch platform, for
-  A rocket system known as the Falcon, that was
- C) Launching NASA-endorsed missions in support of the International Space Station.

In fact, it's right there in your cover artwork!

The Falcon rocket, which carries capsules called Dragons (Cargo Dragon, Crew Dragon) is now a proven system - the Falcon being a 70m-tall multi-stage rocket requiring a propellant load of 395 tons in the first stage, and another 92 tons in the second stage, for a total of around 500 tons. According to the SpaceX user's guide for Falcon, the noise rating inside the fairing of the vehicle is 131.4dB.

With those parameters and logistics in mind, the FAA conducted their initial environmental assessment and at the time the FAA indicated concerns surrounding the federally-protected and critically endangered mammal, bird and reptile species, naming the ocelot and jaguarundi; the Aplomado Falcon, piping plovers, and red knots; and the Kemp's Ridley, hawksbill, leatherback, loggerhead and green sea turtles. They are all named in the December 18, 2013 Final Biological and Conference Opinion Consultation number 02ETCC00-2012-F-0186.

Your final report published in May of 2014 also noted the following state-protected species of flora and fauna in the area, including birds such as:

The White-Faced Ibis
Texas Botteri's Sparrow
Sooty Tern

This site is also part of a migration corridor for over 500 species of birds making annual migrations. The Rio Grande Valley Birding festival celebrates this site, and this single event brings in \$463 million to the region each year.

Additional mammals that were listed include:

The West Indian Manatee
Southern Yellow Bat
White-Nosed Coati

And, the following reptiles were noted:

Sheep Frog
Black-Striped Snake
Northern Cat-Eyed Snake
Speckled Racer
Texas Indigo Snake
Texas scarlet snake
Texas Horned Lizard
Texas Tortoise
Black-Spotted Newt
Mexican Tree Frog
South Texas Siren

And the White-Lipped Frog

There are also three types of plants on the state and federal endangered list that were noted:

South Texas Ambrosia
Texas Ayeenia, and
The Star Cactus.

Both of these papers were drawn up using the parameters of the Falcon launch systems, which would be landing their boosters either in the Atlantic Ocean or on barges for recovery. Not on site. There is no 're-landing pad' in the original diagrams.

But Musk isn't launching Falcons into orbit from this site. He's destructively testing a much bigger, unproven launch vehicle that is more powerful, more destructive and far louder than the vehicle this site was considered for.

And there is absolutely no chance the above-noted endangered creatures and plant-life are not being adversely affected by the SpaceX expansionist and testing activities happening at Boca Chica.

The 100-acre wildfire caused by Musk at this site in 2019 is proof that SpaceX cannot be trusted with this biologically and ecologically sensitive area. In fact, Musk is quoted as telling the press, "We've got a lot of land with nobody around, so if it blows up, it's cool."

It is important to recognize the difference between The Falcon 9 and the Starship, because these two vehicles bear no resemblance to each other.

The Falcon9 with a Dragon capsule or fairing stands up to 70 meters tall.

The StarShip, atop its superheavy booster stands 120 meters tall

The Falcon 9 requires a combined propellant load of RP1 refined kerosene and LOX totalling 500 tons, firing 9 proven Merlin engines at launch

The StarShip Super Heavy combined vehicle requires 4600 tons of liquid methane and LOX, firing up to 37 unproven Raptor engines at launch, as per SpaceXs submitted documents.

The RP1 propellant used by Falcon9 is more stable at room temperature, stored at 20 degrees celsius and presents less of an explosion hazard than liquid methane which has to be kept stored at -161 Celsius as a cryogenic fuel. This is what happens when one of those tanks ruptures.

The Falcon 9 has a noise rating of 131.4 db inside the fairing, a result up the 1.7 million pounds of thrust it produces.

The Saturn V was measured at up to 220dB at the launch site, a result of the 7.6 million pounds of thrust it produces.

And the SuperHeavy booster is expected to produce twice the power of a Saturn V with over 16 million pounds of thrust, potentially doubling the volume of the SaturnV vehicle at Launch.

Decibels are measured on a logarithmic scale. For every 10 decibels, you are measuring double the energy being produced by this device. Let's call the volume of the Falcon 9 130db, rounded down. At 140 it is double that volume. At 150 it has quadrupled. 160, factor of 8. 170, factor of 16. 180, factor of 32. 190, factor of 64. 200, factor of 128. 210, factor of 256. Making the Saturn V at 220db 512x louder than then Falcon 9. And since the SuperHeavy booster promises double the thrust, we should expect it to be up to twice as loud as the Saturn V, making it 1024x louder than a Falcon 9.

This level of energy isn't experienced as noise. Above 194dB sound is converted into a shock wave, and that shock wave will kill every living thing in the direct vicinity of the launch pad, and blast the eardrums out of every creature until that shock wave drops below 140dB. The destruction of hearing is often a fatal injury for animals.

The Falcon9, at 131.4db was below the permanent hearing damage threshold. The SuperHeavy at a possible 230dB would be 1000x times greater.

So, the entire Appendix B of this document regarding the effects of noise, referred to throughout this document, is sheer, unmitigated nonsense, since they use 150dB as the SPL in the immediate area of the launch site on their diagrams on Page 11 of Appendix B.

KBR has embarrassed themselves in this assessment by ignoring such obvious historical parallels using other known launch platforms ie: the Saturn V and Space Shuttle launches.

Assuming their modelling is correct, and their numbers were just low we can swap out the 150 they used with the known 220db of a SaturnV launch and show that South Padre Island can expect to be blasted with 180-190 dBs of sonic energy. And every living thing in the Boca Chica area will be deafened or destroyed.

These are demonstrable facts.

So, too, is the destructive potential of the StarShip and SuperHeavy booster.

In 2016, a Falcon9 such as the one Musk said would be launching from Boca Chica exploded on pad SLC40 at Cape Canaveral during propellant loading - meaning, this vehicle was not yet filled. Yet, this explosion was felt several miles away and destroyed SLC40, taking almost a year to rebuild.

If this vehicle had been fully fuelled, it would have contained only 10% of a combined StarShip/SuperHeavy stack. It was not fully fuelled.

In 1969, the Soviet Union launched a series of rockets known as N1s. N1-L5 was the second such launch, and it crashed on the launch pad after clearing the tower. That explosion was measured in kilotons, estimates ranging from one to seven kilotons. It decimated the launch complex and surrounding area, throwing debris ten kilometres from the site and raining burning fuel for half an hour.

N1 was fuelled using RP1 and LOX, with a total load of propellant around 2300 tons.

StarShip atop SuperHeavy carries twice this amount of methane and LOX, total of 4600 tons.

Meaning, a loss of vehicle on the Boca Chica pad will be even larger with a greater degree of damage than the N1 catastrophe.

At Cape Canaveral's Launch Pad 39A, where the Space Shuttle launched from, the closest civilian homes are 20 kilometres away in Titusville.

At SpaceXs launch complex, the closest civilian homes are the remaining citizens of Boca Chica Village, only 2.4 kilometres away.

The larger communities of Port Isabel and South Padre Island are only 8kms away.

Populated areas of Mexico are about 12 kms away.

And the Rio Grande, which acts at the Mexican/US border in this area, is only 4kms away.

If operations at Boca Chica were being conducted with the same safeguards as the distance between Titusville and pad 39A, THIS is what that safety radius would look like, extending well into Mexico.

Just out of curiosity, has anybody bothered to ask Mexico what they think about ICBMs being launched two miles from their territory? What agreements are in place with Mexico with regards to this launch site? What happens if one of these rockets lands In Mexico?

And while we are on the topic of location, has it occurred to the FAA that if Musk's intention is to launch orbital rockets from this site, that the site is quite possibly the most ridiculous location imaginable? From Cape Canaveral, launches can take off in a wide swing of azimuths, but from Boca Chica the corridors available for launches are extremely limited.

When this process began, you gave Musk what he wanted based on what he promised and he took ten times more. If the FAA continues down this path, he will never stop taking more than you agree to. In fact, despite

the plans he outlines in this report bearing his company's name, these are not his end goals by any stretch of the imagination.

This PEA submitted by SpaceX shows the next level of expansion he intends to pursue - doubling the size of the current launch facility. AND, he intends to build a five acre natural gas plant to power this expansion, complete with chimneys 150 ft tall. But he won't stop there.

In April 2021, the Dallas Morning News questioned whether or not Musk could create his own city, which went hand in hand with Musk sending out a general hiring call for people to move to StarBase USA, as he now calls the area.

In June 2021, Texas Monthly declared Elon Musk is turning Boca Chica into a space-travel hub.

This is NOT what was proposed in 2012. If it had been, it would have been shot down immediately. But Musk has snuck in under your noses and created this situation that you have not halted, and now you need to step up and shut it down before it gets any further out of hand.

You, the FAA, began conducting this new environmental assessment a year ago, announced on November 23 of 2020. You, the FAA, began taking public input on this topic at that time.

Yet, since then:

You have breached your own EIS and agreements with SpaceX by authorizing StarShip launches known as 'hops' for reasons unknown with no safety assurances from SpaceX.

On December 8th, 2020, the FAA authorized the hop of SN8. This vehicle exploded on impact while landing.

Despite SpaceX breaching their license with the FAA with the SN8 launch, and despite Musk attacking you on Twitter for holding up their 'progress', and despite Musk fuelling up the SN9 craft in defiance of a do not fly order while you conducted 'an investigation', the FAA then went on to authorize the launch of SN9 on February 2, 2021. This craft also exploded on impact while landing.

A month later, on March 3rd, you authorized SN10 to hop. This machine exploded 8 minutes after a hard landing.

The same month, SN11 launched with your misguided approval, through an impossibly foggy morning that should have grounded all craft. That machine never even made back to Earth in one piece, and contaminated many square kilometres of the protected sanctuaries surrounding the Boca Chica area, spreading fields of stainless steel shrapnel across the landscape due to a mid-air explosion. Debris was flung 8 kilometres away from that explosion.

THIS ALL HAPPENED WHILE YOUR NEW EIS ASSESSMENT WAS TAKING PLACE.

Now, without FAA authorization and in defiance of warning letters from your office, Musk continues to build a 480ft/145m tall launch tower on the very edge of their launch site, right next to the fence. Media reports you, the FAA, telling Musk he is building this structure at their own risk, but Musk has in sheer defiance your warnings continued to build - right at the very edge of the complex.

In fact, it is reported that Musk lied to your federal agency about this tower in May of 2021, declaring an environmental review was not necessary because this tower was not meant for launches and that they are only going to use it as an "integration tower for production, research and development purposes and not for FAA-licensed or -permitted launches."

Meanwhile Musk and his company president Gwynne Shotwell were both telling SpaceX fans, employees and investors in June of 2021 that Musk was planning to launch the first orbital StarShip in July of 21, landing in the waters off Hawaii.

That launch would have required a tower.
There is no other launch tower on the Boca Chica site.
Musk lied.
Shotwell lied.

And now SpaceX is installing arms on that same tower to catch the super heavy booster when it comes back to land - which is another unproven and highly dangerous maneuver not covered in the 2014 FAA EIS.

In your original EIS from 2013/2014 there were no re-landings of craft at this site. Boosters from falcon 9 were to be dumped in the Atlantic or recovered from landing barges - not landing back at this site and creating a second chance for a loss of vehicle with catastrophic effect.

These actions and changes of paradigm prove that no matter what conditions you place on Musk and SpaceX after reviewing this new draft programmatic environmental assessment, Musk will continue to do as he pleases until somebody eventually is forced to shut the entire complex down.

In addition to the May 2014 Final EIS, there have been a number of WRs, or written re-evaluations. The FAA website summarizes that the contents of the 2014 EIS remain current and substantially valid - despite the fact the vehicle at the centre of this development is nine times larger, 1000x louder, and twice the height and width of the vehicle at the centre of the 2014 assessment while ignoring the sprawling industrial complex eating up real estate two kilometres away.

In short, these written re-evaluations are pure nonsense, and the authors of those papers were in serious denial about the changes being made to the launch vehicle systems and the supporting infrastructure.

And now, we are going to dive into a section of the PEA submitted by SpaceX, where Musk outlines the new infrastructure he intends to build to service his grand vision.

There are several points we need to elaborate upon:

The proposed expansion of the Boca Chica launch complex pictured on page 28, expanding it to more than twice the size it currently is, which is already far larger than what Musk originally proposed for this area. This is cause for great concern, extending and backfilling further and further out into the salt plains and marshlands. Orbital Launch Mount B at the 5 o'clock position is once again right at the very edge of the facility. At no other facility in Vandenberg or at Cape Canaveral is a launch platform constructed in such a way. Launch towers are located at the centre of a well-cleared, normally circular complex, giving a much-needed buffer between launch blast zones and the perimeter of the site.

Page 32, article 2.1.4.7 describes a proposed 5.4acre, 250 megawatt natural-gas-powered power station with structures standing 150 feet, 50m tall is of even greater concern. If such a facility was located at the intersection of Eichorn Blvd and State Hwy 4, this would be the massive footprint required for this facility. And this is just for the power plant. Additional infrastructure being introduced in this paper include an expansion of the solar farm to double its size, a natural gas pretreatment facility, liquefier, and desalination plant - as listed quietly on page 9.

A twitter personality known as ESG Hound who is an environmental engineer specializing in compliance has been gracious enough to share these slides demonstrating our points. Such a facility will require a pipeline to feed 50,000,000 cubic feet of natural gas to it daily. Constructing that pipeline across these tidal wetlands will be devastating to them. To obtain 50 million cubic feet of natural gas daily, this will require the output of 300 new wells, and all the associated energy required to drill and operate those wells.

Those wells, according to ESG Hound, will be located at least 70 miles away from Boca Chica, because that's where the nearest natural gas producing fields are. This is backed up by this map from the Texas Commission on Environmental Quality. On this map each red dot is a gas well, each blue dot is an oil well. This power plant will require the output from 300 more red dots.

Additionally, if they are processing the gas on this site, there will be byproducts from that refinement that will need to be disposed of and carted away. Using SpaceXs 250megawatt station as the starting point, ESG Hound uses their numbers to determine such a facility would require a non-stop array of tanker trucks to haul away 1.2 million gallons of waste water, 6 million gallons of condensate, and 105 million pounds of gas co-product annually from processing field gas into the refined gas used by the power plant.

And this, in no way shape or form, addresses the fuel requirements for these launch vehicles. This is just for the power plant that will be running 24/7, every day of the year. As will all the support facilities for this power plant.

CONCLUSION:

In 2014, the FAA believed they were authorizing a single launch complex, for a small rocket system that was endorsed by and created for NASA, that would launch monthly resupply and crew missions for the ISS, on weekdays between 7am and 7pm according to Texas state law.

What you've allowed Musk to build in Boca Chica though non-intervention, without county, state or federal authorization, is his own private community, industrial rocket complex, private destructive testing range that pollutes protected sanctuaries, and multi-pad launch site for a completely different vehicle more akin to an ICBM that is unproven, a thousand times louder, with ten times the amount of explosive potential than the machine he promised - one that is a threat to everyone and everything in the area even if it doesn't explode.

To recap some bullet points:

Musk told federal and state authorities this site would become a single, typical launch platform similar to Cape Canaveral launch pads.

He lied.

This facility has become Musk's own personal destructive rocket testing range and 24/7 industrial manufacturing facility.

Musk told federal and state authorities this site would be used to launch variations of Falcon in support of the ISS.

He lied.

Neither the Falcon, Falcon 9, nor Falcon Heavy have ever launched from Boca Chica, nor are there any plans to do so.

Musk told federal and state these operations would take place from 7am to 7pm from Monday to Friday, not on weekends or on holidays.

He lied.

He has conducted tests at all hours of the day and night, and the manufacturing facility runs 24/7.

Musk told state authorities he would honour an annual cap of 300 hours for blocking state Highway 4 to conduct launch operations.

He lied.

His security force in the area has in fact closed Hwy 4 in excess of 1,000 hours per year, telling those people they are redirecting they have authority from the county for the closures.

They also lied.

And, they are being charged with impersonating law enforcement as a result.

Musk constructed a 50-storey launch tower without FAA authorization.

You told him to stop.

He didn't.

In fact, he told you in writing this wasn't even a launch tower.

He lied, and he is daring you to tell him to remove it.

That is the pattern of Elon Musk. He lies. He takes. He forces his way in. And he challenges you to oppose him because if you do, "you're against him and his mission to save humanity." Which is all nonsense.

You have the authority to stop this in its tracks and make Musk honour the original agreements.

Let's reword that. You have the obligation to stop this in its tracks and make Musk honour the original agreements.

You are, in fact, bound by your office's mandate to enforce these laws and shut down Boca Chica operations for non-compliance, to remove all unauthorized structures, and demand this site be returned to its natural state at Musk's expense.

You, the FAA do not get to pick and choose which laws signatory parties have to obey based on their celebrity status. By doing so, you become complicit in the disasters to come, and they will eventually include human fatalities.

From the FAA website:

FAA ENDURING MISSION

Our enduring mission is to provide the safest, most efficient aviation system in the world.

FAA VISION

We strive to reach the next level of safety and efficiency and to demonstrate global leadership in how we safely integrate new users and technologies into our aviation system. We are accountable to the American public and our aviation stakeholders.

The FAA enduring mission statement is "to provide the safest, most efficient aviation system in the world.

To reach the next level of safety and efficiency and to demonstrate global leadership in how we safely integrate new users and technologies into our aviation system."

By ignoring your own declared mantra you are failing the residents, wildlife and populated areas around Boca Chica, allowing an eccentric billionaire with a terrible environmental and operational record to continue to operate in defiance of your orders, in breach of your agreements, in violation of state and federal laws, who will embarrass you through his 60 million twitter followers if he doesn't get his way.

This document is an environmental assessment. The only conclusion the FAA can reach with regards to its contents is that there is no environmental benefit associated with this proposal, and if it is allowed to proceed will irreparably further harm the delicate unique ecosystems of Boca Chica.

Accordingly, as a federal agency entrusted with the public good, the FAA must reject this proposal.

We expect you to do your duty.

Sincerely,

The Common Sense Skeptic And YouTube Community.

From: calvin wehrle <[REDACTED]>
Sent: Tuesday, October 19, 2021 3:15 AM
To: SpaceXBocaChica
Subject: FAA letter

I am an old environmentalist who was Chair of the Galveston Sierra Club and hosted two functions with Greenpeace. I have a 13 year old daughter. I have worked all my life to make it a better world for our children. I felt I failed until my daughter and I visited Starbase. I work hard to get my child to realize her potential. Two trips to Starbase has made more impact on her than the total of all my efforts. I am concerned about the environment , but her future is everything to me.

Calvin Wehrle

[REDACTED]

[REDACTED]

From: Michael Riola (RIT Student) <[REDACTED]>
Sent: Tuesday, October 19, 2021 6:08 AM
To: SpaceXBocaChica
Subject: FAA Public Hearing Comment

Good morning,

My comment is below:

SpaceX is on a path to make our civilization multi-planetary. This inspires people and makes people happy throughout the entire globe. Nobody knows what could happen in the coming years and there is zero time to waste.

To the people that spoke in opposition, your concerns over the few species in danger pale in comparison to the mission goal for SpaceX. Are we seriously putting the fate of the human race on hold for some birds? The area surrounding the launch site is perfectly habitable for all of the species in the question.

The fact that the government is making SpaceX go through all of this red tape is completely obnoxious. Look at other countries and their impact on the environment then look at the effects the SpaceX facility will have. It is like comparing a 50 lb bag of rice to one grain. All of the environmental extremists that called in should be ashamed of themselves.

There is nothing more important than allowing SpaceX to go as quickly as they can. They will remedy any issues that the local area encounters with joy. Their impact on that area is a massive benefit already. The town used to be extremely poor and is rapidly improving.

TO THE OLD LADIES that were so well coordinated on the call yesterday with their notes and statements: YOU are the reason our planet is in this predicament. YOU are the reason that we need to get off this planet to have a backup plan. NOW, YOU are the reason for delays in the mission timeline. Kindly, move aside. You boomers have done enough.

Michael Riola

From: [REDACTED]
Sent: Tuesday, October 19, 2021 12:46 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support efforts made by nasa and spacex to build and launch space vehicles to explore space at boca chica Texas.

From: [REDACTED]
Sent: Monday, October 18, 2021 9:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow the SpaceX launches at Boca Chica.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 5:59 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX's Starship will do more than make life multi-planetary. It will inspire generations to think bigger and bolder than they ever thought possible. If not in Boca Chica, than where?

From: [REDACTED]
Sent: Tuesday, October 19, 2021 5:50 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The only real way to help this planet and every living thing on it is to get off this planet and start mining asteroids. Do the right thing and don't be short sighted, think long term to Save our planet. If we all wait for NASA it won't happen in mine or your lifetime.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 6:00 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Oil exploration in Texas and Gulf of Mexico has far higher potential harm to the environment and wildlife than a single space exploration complex like SpaceX Boca Chica. Boca Chica and SpaceX are more important than localized wildlife populations. Please allow SpaceX to continue to expand and launch from Boca Chica. The future of the human race may depend on it. -Eddie Sutton

From: [REDACTED]
Sent: Tuesday, October 19, 2021 6:00 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please allow SpaceX to continue development and launching of its Starship program. It is vital to America's economic, technological, security and social well being. Any negative environmental impacts can be mitigated by the company.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 6:01 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

FAA, My name is Gavin Miller, I was born in the UK, I'm not a U.S citizen so I'm not even sure I'm supposed to be filling in this form. I am 36 years old, I have two kids aged 8 & 9 and we have all watched every single Space X launch from Boca Chica, we are on UK time so sometimes we stay up late and watch launches, as a family we have watched Space X launch American astronauts on live stream, then lay out in our back yards and seen Doug & Bob come flying over on the Crew Dragon (admittedly not launched from Boca Chica) then we facetimed our friends in Reno NV, we laughed and we cried and it was beautiful and it felt like the world wasn't big anymore, it was pretty damn small and we shared it, with our friends, other people - just like us. Now I can't think of anything else happening in the world right now that gives me as much hope for our future, that we can build an exciting future for our children than what's you guys over there in the U.S.A are doing. The whole world is watching you, in awe! And we're with you, every step of the way... God Speed. And God Bless America!

From: [REDACTED]
Sent: Tuesday, October 19, 2021 6:14 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, I strongly encourage and beg of you to please give SpaceX permission to launch. It is vital to humanity's hope and dreams of ever being a multi planetary species. I know you are worried about environmental impact the starship may cause, but all of Earth's living organisms may be vanished from existence by some natural disaster like a super volcano eruption or an asteroid hitting Earth. It is important that many starships can launch from starbase quickly and efficiently if we want to save not only ourselves but every animal living on Earth. Space exploration will bring about new technologies including those that may benefit plant and wildlife here on Earth. We have so much to gain and so little too lose. Please give Your approval to launch many and many starships !!

From: [REDACTED]
Sent: Tuesday, October 19, 2021 6:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Spacex has brought welcome economic activity to the Brownsville area, pride in America's space endeavors, done due diligence regarding its enviromental impact and is at the threshold of important human expansion beyond Earth. As an interested observer I support the issuance of FAA clearance for Spacex operation at their Boca Chica facilities.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 6:14 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, I strongly encourage and beg of you to please give SpaceX permission to launch. It is vital to humanity's hope and dreams of ever being a multi planetary species. I know you are worried about environmental impact the starship may cause, but all of Earth's living organisms may be vanished from existence by some natural disaster like a super volcano eruption or an asteroid hitting Earth. It is important that many starships can launch from starbase quickly and efficiently if we want to save not only ourselves but every animal living on Earth. Space exploration will bring about new technologies including those that may benefit plant and wildlife here on Earth. We have so much to gain and so little too lose. Please give Your approval to launch many and many starships !!

From: [REDACTED]
Sent: Tuesday, October 19, 2021 7:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

In my 65 years I grew up with the Space Race, the Cold War, and with Vietnam. In July 1969, I felt the pride shared around the world when Eagle landed in the Sea of Tranquility. For a fleeting moment in time, Our World Stood United. Mankind had taken its first step toward becoming an Interplanetary Species. Not long after that small step was taken, interest in the Space Program began to rapidly wane. Space flight fell out of favor with much of the Media, the Congress, and the People. Once again, the triumphant rescue of Apollo 13 briefly united the citizens of planet Earth. As NASA progressed through Apollo-Soyuz and Skylab, a new promise lay on the horizon with a reusable Space Shuttle. As originally envisioned, each shuttle in the fleet would have an operational capability of up to 100 flights, with rapid turnaround between missions. History has shown us those predictions were wildly over-optimistic, and the "reusability" came at an exceptionally steep price tag. Many of the problems can be rooted in the following: * The bureaucratic mindset * The lack of a unified long-term plan toward manned space exploration * Substantial fluctuations in the national budget for existing programs which were already in development * And the "business as usual" stances taken by the established contractors who had no problem with their cost overruns While it is true that we have done some truly remarkable projects, look at how far behind Orion and the STS system currently are. In the past 49 years, no living person has been farther than 621 kilometers away from our home planet. What we desperately need is a legion of "out-of-the box" thinkers: * People who aren't afraid to question the status quo * People who aren't afraid to say "why not" * People who aren't afraid to "do it their own way" If you would have told me any of the following 10 years ago, I would have called you insane: * That we would be routinely landing boosters back on earth and reusing them again * That ordinary citizens would fly to orbit within a decade * That a company would rapidly develop their rockets via an iterative design process Yet, it has already happened. For the first time in almost 50 years, I am once again excited about manned space exploration. SpaceX has demonstrated that it has the vision, the clarity and the willingness to do the hard things. By developing the Boca Chica launch site, they have brought jobs and a boost to the area economy. By developing the Boca Chica launch site, they are paving the way toward making space flight truly routine and providing a service which NASA could never accomplish alone. I humbly support the requests made by SpaceX during this public comment period. Thank you, Randy Havener Springfield, IL

From: [REDACTED]
Sent: Tuesday, October 19, 2021 7:44 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Space x has really impacted our local community economy I've been contracted at space x and space x contractors Such as López Family Wood Works & RCAS & VAAS. space x our community they up lifted employment not just for my company but hundreds of local companies and our next generation alot of kids look up to space x to work for them in the future .

From: [REDACTED]
Sent: Tuesday, October 19, 2021 7:50 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, I am supportive of SpaceX and Starbase. I understand that there may be an environmental impact but they are trying to improve life here on earth by investing time, money and energy to develop technology to not only help us improve life here but to expand life to to mars. And if we can successfully sustain life on mars the maybe we could start to terraform it, and if we can turn mars into earth by terraforming them we can turn earth back into earth. This technology can also help us greatly. Please take this into consideration. Thank you.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 8:18 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To whom it may concern, I'm sending this email to advise that I am extremely honored to have the opportunity be part of SpaceX as a current contractor. It has put a huge impact on our business. I was previously with a company RCAS and got the opportunity to join another company Lopez Family Wood Works , which I am now a partner. I have grown as an individual and a business partner and I thank Space X for allowing us to show our talents and we are ready to conquer the future with Space X.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 6:46 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am extremely concerned that SpaceX still has not adequately addressed the impact its operations have on important cultural resources in areas adjacent to the launch site. SpaceX has sponsored several cultural resource surveys of its control center and assembly areas and its has produced a report on the historic pilings associated with bridge construction during the Mexican/American and Civil Wars. There are reports available on some of these resources and , indeed, I authored some of those reports; but there are still important issues outside those locations that should be addressed. Sadly the effects of SpaceX's activities are not restricted to its landholdings and there is considerable overlap fro operations including debris from exploded rockets and construction. As a result, there need to be additional surveys and perhaps even some controlled excavations.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 12:32 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Let's be real. Brownsville is prime Space launching location. It's cheap to live here(for now) it's cheap to build here. (again, For now). It's a win win. It's the right choice....you know, for humanity's sake.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 1:48 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To allow a reckless entrepreneur that has shown repeated disregard for laws and regulations to occupy a site bounded by sensitive ecological reserves is not a good policy. The current activities far exceed the scope of the original EIS and permits that anticipated the launching of a well proven and much smaller rocket vehicle a limited number of times each year. The SpaceX Starship in it's completed configuration is anticipated to be louder than the Saturn V rockets of the Apollo ear. Loud enough that any animals close by are likely to be killed outright and many more injured to the point where they will die in a short period of time. A death that can be agonizing and drawn out all to accommodate a rich persons fantastic dreams of colonizing space. It's already been shown by qualified space scientists and engineers that colonizing Mars is not feasible at this time. To think that some of the last Ocelots in the wild will have to die in this useless adventure is very sad. The Boca Chica site is an odd choice that may have been selected due to its remoteness where it is hard to scrutinize what goes on and due to it being made available for free. The launch corridors are not optimum due to the need to not overfly other countries so there is no advantage from a launch direction standpoint. The site is a mere 2km from the US border with Mexico and any accident is likely to impact Mexico's sovereign territory leading to diplomatic issues. The US already has two principle launch complexes on each coast of the continent. The West coast being primarily used for polar orbits and the Cape Canaveral site for other trajectories. I can only surmise that SpaceX, which already utilizes these facilities, wanted to escape the oversight and safety requirements each one of these locations require so they can destructively test vehicles without post crash reviews. There is little hope that Elon Musk and SpaceX will not continue to flout authority and do as they please if continued to be allowed to do what they like. Thus far, the US government hasn't done much to reign in Mr. Musk's excesses in any of his business ventures. Considering the far reaching consequences of what can happen at Boca Chica, I hope the FAA will stop looking the other way while SpaceX ignores the rules and damages one of the few examples of the ecosystem present at Boca Chica. It's time for Mr Musk to abide by the rules that apply to every other US person.

From: [REDACTED]
Sent: Monday, October 18, 2021 11:56 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, My name is Rene Garza and I have been living in the Brownsville region my whole life...when i think about Brownsville being one of the poorest cities in the COUNTRY is not something that you can say lightly without having a genuine concern about the future of the youth of this region. Anyone who wants to succeed honestly is better just leaving the valley in search of better opportunities and I honestly don't believe that is neither what we deserve or who we want to be. You can see the excitement and economic impact that in just a few years spacex has brought to us...just a couple of days ago over 400 students visited the facilities to thank Elon and all the employees there I don't want to dismiss the genuine concern of those interested in preserving our natural environment because it is important but it is not the only important thing. Just last year we were all reminded by the pandemic that nothing on this life is granted maybe the next virus will be 80% lethal or china might start a nuclear war with us (they just flew a missile around the world) or maybe a comet hits us and if we disappear then there will be nothing left to save. That is why its of EXTREME IMPORTANCE to become a multi planetary species and not only that but we need to be the first that do that because we don't know the intenciones of other not so friendly countries if they get there first Thanks

From: [REDACTED]
Sent: Tuesday, October 19, 2021 8:53 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, my name is Joseph Bakri and im a brownsville musican/rapper and videoagrapher that goes by Bakri 11. I recently had someone out of Texas ask me. "do you think the city of brownsville is on a fast track for an economic boom? If so I would gladly move to that city?" My reply to this is that I strongly believe so. I was just in downtown talking to locals who are painting murals and who are apart of downtown revitaliztion and some strongly believe there will be an economic boom. Not only Texas or just the United States are looking down here but the whole world is as things progress. I believe anyone who lives in brownsville area will have a much greater opportunity to flourish in many ways. Also seeing the rate of progress in the last 2 years has been pretty surreal. I've lived in brownsville the majority of my life and never have I seen the excitement and progress of our city. It is barley starting and it is the tip of the iceberg. who knows what will happen next. My heart lays with what elon is doing for humanity and the idea to start up Starbase as a complete renewable energy city is spectacular and is an idea I've been dreaming of since I was a kid. If Starbase is built, the surrounding cities will more than likley adopt the same technology and apply it to the Rio grand valley and so on. to think this will be the birth place of a futuristic city is exciting and Brownsville being the closest city to boca chica it will definitely be the first to see results. just being apart of this is already fulfilling enough but on top of that the billions of dollars and thousands of jobs its going to bring is an addition. As a local i take it with great pride to be from here and to be apart of a world changing project even to the smallest degree. And I hope we fuse brownsville and rgv culture with the coming changes. I think it's important to keep our historic brownsville alive aswell as move forward into the future. I'm no advisor so I can't say to anyone to move down here but from what I believe this will change all the lives in this area and people who are aware will find their opportunity. Me as an artist and videoagrapher I'm ready to jump on any opportunity that will arise. I hope to see others do aswell.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 6:55 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Potential Environment impact to Boco Chica is likely to come from natural means like hurricanes, fires, droughts, flash floods, and diseases rather than pieces of SpaceX Starship falling on various animal species. Victor Smith

From: [REDACTED]
Sent: Tuesday, October 19, 2021 7:28 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

To the FAA board on SpaceX Launch Permit. I downloaded and read through the draft document you presented to public access. After considering all the salient points I feel that denial or delay of that License to SpaceX would do permanent and irreparable harm to SpaceX, the South Texas area as well as the nation's efforts in space exploration. The cautionary notes related to the species and grounds around Space Port is quite minimal. In fact I would say there is more danger to the animal, bird and insect populations due to the frequent and violent storms and hurricanes that frequent that area of Texas. Gentlemen and Ladies, in the requirement of all federal agencies to place the public first, the licensing of SpaceX for continued launch development and operations of their space program is essential to the communities of Texas and the nation moving forward in making Mankind a multi planetary species. Please make all haste in the approval process. Thank you, John D Sostrom

From: [REDACTED]
Sent: Tuesday, October 19, 2021 7:51 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

It is interesting that there are a few wish to save nearly extinct entities instead of humans. Yes, save them but move them. Also, with earths population exploding expotentially, it must be important to expand intragalactic while our technology still can. At the present, there no other space exploration group except SpaceX that can and is doing it. It is important for FAA to recognize its beginning is the result of technology expansion and continues to this day. Tomorrowyear will not be there if FAA cannot invasion the future. Please grant permission.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 8:20 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Please approve the SpaceX permit. The value this companies technology improvements will contribute to the United States at large and humanity overall are immeasurable. Certainly they overcome any environmental impact that hasn't already occurred in an area loaded with oil rigs and drilling and major polluting industries. This is the best possible change. One of old fossil fuels, to rapidly developing space technology. They'll innovate off-planet and discover and travel to new planets. Plus, how amazing is this? As a citizen we need a moral boost. As as you can tell by the throngs of folks visiting this place, almost everybody is excited and enchanted by the possibilities. Please, let's move this along as fast as can responsibly be done. Respectfully Yours, Richard Crum

From: [REDACTED]
Sent: Tuesday, October 19, 2021 1:51 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The mission of Space X to use starship in the colonization of Mars is essential to keeping the USA competitive with authoritarian China. If this causes minor or even major environmental damage to surrounding area of launch site it would be an acceptable cost in exchange for the greatest extension of human and democratic colonization in history. This launch license must be approved and number of launches unlimited.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 12:05 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX must be allowed to proceed with their Starship programme at Boca Chica. The company has revolutionised spaceflight and at the moment is the only chance humanity has of leaving the Earth and exploring the solar system. Humanity **must** become a multi-planetary species, or face extinction from a devastating event such as an asteroid strike - which **will** happen - or another global pandemic far worse than the current one. Elon Musk has given so many people a new sense of vision for humanity's future that we have not had since the days of Apollo. We have become introverted and scared of our own shadows. It's well beyond time to rekindle our sense of adventure, of exploration, of wonder. We need to rediscover what makes us human - our insatiable curiosity and constant yearning to travel beyond the next horizon. For the sake of everybody on this planet, I beseech the FAA to permit SpaceX to continue their grand adventure. Thank you.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 9:53 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA. I'm writing to lend my voice in support of SpaceX and their launch site at Boca chica. What they are doing there is important for all mankind and should be encouraged, not hindered. Regards, Joe Sangermino

From: [REDACTED]
Sent: Tuesday, October 19, 2021 9:53 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

The SpaceX Starship, regarding impacts on species, will help our technologically endangered Homo Sapiens species survive by colonizing other planets and outer space self-sufficiently, which must be done as soon as possible before humans destroy ourselves within our own biosphere by advancing biotechnology or nanotechnology creating a superpathogen. This should be weighed against any significant disturbances of some minor species such as local turtles and birds around Boca Chica. COVID-19 in 2020 should be a wake up call with 20/20 vision. It was a minor virus compared to other future potential, technologically advanced manmade pathogens. Whether or not COVID-19 came from the Wuhan Institute of Virology is not nearly as important and what can happen too easily in the future by any small group, by accident or design. We should not take risks with SpaceX's current financial abilities by unreasonable delays which are costly and wasteful. SpaceX and space industrialization and colonization are vital for protecting Earth's environment and countless species. The sooner and better SpaceX can achieve its goals, the better for Earth. We should not waste time. Mark Prado

From: [REDACTED]
Sent: Tuesday, October 19, 2021 9:59 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

While exploring space is exciting, every time a rocket is launched toxic chemicals are dispersed in a wide range. This has been known for awhile. We are not measuring the environmental hazards of these launches.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 2:01 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I hope SpaceX can launch soon, I will be having my 80th birthday in two months, about 40 hrs before the 80th year after the Pearl Harbor attack so I don't have years more to wait I have been following the space program from the beginning including being at Kennedy on the 4th of July 1976 for the landing on Mars. My dear wife Susan died almost a year ago but I would hoist her (bed bound) stage 4s cancer and we would watch SpaceX action, she was very bright One quarter of One percent on her SAT back in 1961, and if you need a reason to approve the future launches do it for Susan. And do it for the future of the USA

From: [REDACTED]
Sent: Tuesday, October 19, 2021 4:09 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

It's impossible to overstate the importance of allowing SpaceX to proceed with further development of all activities at Starbase. Well intended as they might be, current environmental laws are utterly incapable of assessing the cost/benefit of these endeavors. Boca Chica is but a spec in the global environment and it's impossible to imagine that there is ANY environmental consideration so sensitive that it could rise to the level of offsetting if the countless orders of magnitude benefit to be derived from SpaceX's endeavors. I could understand that if a major oil company were planning to build a colossal petrochemical facility that a serious study would be warranted. After all, that is a pure profit motivated endeavor. However, that absolutely the antithesis of what SpaceX's mission and purpose is all about. The fact that we are even debating this issue feeds and reaffirms the widely held belief that our government and laws have completely lost all touch with reality and what it means to serve the collective public interest. Please, PLEASE do not allow the infinitesimal and misguided interests of those, who may very well perceive what they are doing as noble and well intentioned, stand in the way of this far more noble and purposeful endeavor. I would strongly question that if there were anything so environmentally important in Boca Chica that it should rise to a need to be addressed, why are the efforts of those so concerned not focused on a solution as opposed to the mind numbingly simple solution of categorically opposing progress in all its forms, everywhere, purely as a matter of routine. If they succeed here, it will do nothing but reaffirm the widely held belief that our government is ineffectual and that our entire society is held hostage by the smallest, albeit highly vocal, interests of a minuscule few hiding behind the veil of political correctness and patting themselves on the back for being so noble and holier than thou. Thank you for your consideration! Sincerely, Keith Peters.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 10:01 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

My name is Jessica Kenrick and I represent myself, a citizen of Wales, UK. it is my belief that spacex's operations in Boca Chica TX are a great inspiration to the world and focus all of our eyes on TX, USA. This leads to increased prospects for tourism which will have a great positive effect on the local economy. From what I have seen, there seems to be a general attitude of care and respect for the ecosystem of the area. the live streams bring greater awareness of the nature reserve and the need to care for our environment. I myself had never heard of the Grackle before watching the live streams of star base. not only are spacex well aware of environmental concerns, they appear to be a company that desires to improve our environment through extensive use of solar panels in their facilities and use of electric vehicles, to their desire to develop a rapidly reusable space transport system, which will have a great impact on our ability to study the environment more and further scientific study. I am not a resident of TX or the USA so I cannot fully understand the local politics, but I do understand that large infrastructure is built all the time around the world. we cannot always please the locals, but I believe starbase is being constructed quite far from any residential areas and so the impact may be minimal. the largest impact in my opinion would be the uptick in local economy. concerns have been raised about disrupting the nesting for turtles and I'd like to point out that these events have been noted to occur like clockwork. it ought to be fairly predictable and spacex is completely capable of postponing any launches during the nesting season. it would be very easy to observe how cape canaveral operates with regards to these things. although I am not a US citizen, I am citizen of earth and our environment is under great threat, I implore you to consider granting spacex a full license to continue their rapid testing program with minimal resistance, as we need to take as much action as possible and as soon as possible to do good science and research to help us find ways to save our climate for us and our children. yours sincerely, Jessica Kendrick.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 10:05 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Dear FAA, This might seem to be science finction today, but in a couple of decades, a self-sustaining settlement on the moon or Mars enabled by starship might save humanity from extinction in case of a much-worse-than-covid pandemic, a global nuclear war, or another unforeseen cataclysmic event amidst rising global tensions. In light of this, I think it seems evident, that starship actually has a non-zero chance to save humanity. I believe greenlighting starship development is in the best interest of all mankind. Thank you for providing the opportunity to comment.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 11:13 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

SpaceX should be allowed to move forward on all necessary Starship development at Boca Chica. I too am an environmentalist, but I also understand that if humanity does not find additional planets to live on, then all here will eventually be lost forever - including the relatively small population of wildlife relying on the local wetlands in question. The piping plover may indeed need to move aside slightly for the benefit of all.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 11:14 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I would like to encourage the FAA to give speedy approval for an early launch of the Space X Star Ship. No other program in the history of space flight is more important for the future of space flight, or the United States leadership in space flight! For the USA the technology that can be achieved from quick approval should be obvious. Overall the progress the Space X and other companies run by Elon Musk are providing great progress for. The environment. John.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 2:13 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Space X is our bulwark against Chinas control of the moons surface. Anything we can do to help Musk is a win for the U. S. The only thing assuring our dominance in space is Space X.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 4:12 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

While effective regulation is vital to mitigating the current climate crisis, it must be done with care. Reckless regulation of an industry still in its infancy can wipe the industry out entirely, and I fear that is exactly what imposing regulation on SpaceX at this time would do to the commercial space industry. Until commercial spaceflight can establish a less fragile position, regulation should be kept minimal.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 11:19 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I support space x in all endeavors. Please do not penalize a brilliant man that is moving all humanity to a future that offers amazing opportunities for our children and grandchildren. An enterprise unnamed which has collected billions in tax dollars has yet to launch its rocket successfully, and another entity which is trying to destroy Space X with lawsuits and it too has not launched one rocket. Please do not be their minion, approve the rocket launches now. Tom Young.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 3:15 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Brownsville and Cameron county have an opportunity to be at the forefront of technological advances for years to come. The economic benefits for this historically financially challenged area are immeasurable. Additionally, space exploration can and will provide answers to many of the environmental challenges facing the world. It is imperative that our leaders take a balanced and logical approach to the decisions ahead for them and that they do not squander this opportunity to help so many not only locally but globally. Sincerely, Tomas Esteve

From: [REDACTED]
Sent: Tuesday, October 19, 2021 4:13 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

While effective regulation is vital to mitigating the current climate crisis, it must be done with care. Reckless regulation of an industry still in its infancy can wipe the industry out entirely, and I fear that is exactly what imposing regulation on SpaceX at this time would do to the commercial space industry. Until commercial spaceflight can establish a less fragile position, regulation should be kept minimal.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 4:54 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Ensuring long term survival of humanity by making it an interplanetary species is so important that some trade offs regarding the local environment should be accepted. Nature has it's own ways of healing itself even if there is a minor damage to the environment. SpaceX is a responsible company. Please give them freedom to innovate.

From: [REDACTED]
Sent: Tuesday, October 19, 2021 4:30 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

I am in favor of Elon Musk and SpaceX. We need to have the ability to get off this rock!

From: [REDACTED]
Sent: Tuesday, October 19, 2021 5:00 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello esteemed members of the FAA: I am a 26 year old accountant from the city of Plano, Texas, just north of Dallas. I would like to let you know why I am supporting the plans for SpaceX to begin their testing of Starship from Boca Chica. When I was in college I was first introduced to the film the Martian, a movie about where there is a joint global effort to save a stranded astronaut on Mars. I was deeply inspired by this film mostly because of the thought "Wow, we can make it to Mars too. Why did we stop our space program so drastically?" Then I looked into the reasons - I'll spare you the details, but I think you have heard of it already - budget cuts, public disinterest, Cold War winding down. The space program was basically limping around for a long time until we were way behind our Russian peers in spaceflight. Elon Musk came up with a vision just a couple of decades ago, that humanity needed to be an interplanetary species in order to survive. The Chelyabinsk meteor of 2013 which injured thousands further served to remind us that we are but merely a speck in this universe that could be wiped out in an instant by rocks from far away. It is important that humanity continues to make plans to be an interplanetary species, as the threats of climate change and rogue meteors striking Earth hangs over us. SpaceX is the only company/organization that is making a concerted effort to lead us to Mars, and to do this we need to have powerful innovative ships like Starship be tested and running so they can fly to Mars and eventually send colonists over there to achieve this goal. I urge the members of the FAA to allow for Starship to be test flown, not because I am opposed to environmental regulations, but it is important that we continue to take advantage while we can of a somewhat favorable time to launch and test rockets like Starship into Mars. We do not want to be burdened by layers of bureaucracy and precious time just to see if the rockets work, let alone conduct manned missions. I am confident that SpaceX will come to an agreement with local environmental groups in the area to best protect the area but also achieve progress for what's an exciting time in human history. Being from Texas myself, I have visited the Boca Chica region before and believe that successful flights will allow for the region to turn into a major hub where spaceflight soars, while also showcasing the beauty of the vast quiet beaches of South Texas to visitors. Humanity has a narrow window of opportunity to prove that it can be successful colonizing other planets before our own planet faces trouble, and SpaceX will lead us to not only Mars, but also inspire others to develop the technology to help reach for the stars, built by the hands of humans and for us to explore. I hope you move forward with approving with the test flights of Starship, but will respect any decision that you make. Thank you for taking the time to read my comments. Edward Cao

From: [REDACTED]
Sent: Tuesday, October 19, 2021 4:56 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello, My name is Bill Cooke, I am 70 years old and currently live in Phoenix, Arizona, although my working career was mostly spent in "Silicon Valley". I mention this because I witnessed many different startup companies succeed using Mr. Musk's entrepreneurial approach to business. I would like to see SpaceX also proceed and succeed in the Boca Chica / Brownsville, Texas area. I think SpaceX is this country's best shot at maintaining, and greatly expanding, the USA's current lead in orbital and interplanetary rocket technology. Mr. Musk and SpaceX have led the world into a new space-race 2.0, given the USA a comfortable lead in this race, have inspired many of us (including myself), and have also given us all a chance to actually become a successful interplanetary species. I completely support SpaceX in their request for a permit to quickly continue work on the Starship project in the Boca Chica / Brownsville, Texas area. Thank you. Bill Cooke Phoenix, Arizona

From: [REDACTED]
Sent: Tuesday, October 19, 2021 5:02 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Hello esteemed members of the FAA: I am a 26 year old accountant from the city of Plano, Texas, just north of Dallas. I would like to let you know why I am supporting the plans for SpaceX to begin their testing of Starship from Boca Chica. When I was in college I was first introduced to the film the Martian, a movie about where there is a joint global effort to save a stranded astronaut on Mars. I was deeply inspired by this film mostly because of the thought "Wow, we can make it to Mars too. Why did we stop our space program so drastically?" Then I looked into the reasons - I'll spare you the details, but I think you have heard of it already - budget cuts, public disinterest, Cold War winding down. The space program was basically limping around for a long time until we were way behind our Russian peers in spaceflight. Elon Musk came up with a vision just a couple of decades ago, that humanity needed to be an interplanetary species in order to survive. The Chelyabinsk meteor of 2013 which injured thousands further served to remind us that we are but merely a speck in this universe that could be wiped out in an instant by rocks from far away. It is important that humanity continues to make plans to be an interplanetary species, as the threats of climate change and rogue meteors striking Earth hangs over us. SpaceX is the only company/organization that is making a concerted effort to lead us to Mars, and to do this we need to have powerful innovative ships like Starship be tested and running so they can fly to Mars and eventually send colonists over there to achieve this goal. I urge the members of the FAA to allow for Starship to be test flown, not because I am opposed to environmental regulations, but it is important that we continue to take advantage while we can of a somewhat favorable time to launch and test rockets like Starship into Mars. We do not want to be burdened by layers of bureaucracy and precious time just to see if the rockets work, let alone conduct manned missions. I am confident that SpaceX will come to an agreement with local environmental groups in the area to best protect the area but also achieve progress for what's an exciting time in human history. Being from Texas myself, I have visited the Boca Chica region before and believe that successful flights will allow for the region to turn into a major hub where spaceflight soars, while also showcasing the beauty of the vast quiet beaches of South Texas to visitors. Humanity has a narrow window of opportunity to prove that it can be successful colonizing other planets before our own planet faces trouble, and SpaceX will lead us to not only Mars, but also inspire others to develop the technology to help reach for the stars, built by the hands of humans and for us to explore. I hope you move forward with approving with the test flights of Starship, but will respect any decision that you make. Thank you for taking the time to read my comments. Edward Cao

From: [REDACTED]
Sent: Tuesday, October 19, 2021 5:31 AM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Human nature requires us to grow and explore. We can be nothing other than what we are. The cost is yet high for reaching space. As business expands into space it will benefit us all; which thing has been proven to us repeatedly since 1958. Free business to do what it does best. People in the future will praise your wisdom for doing what is right.

From: [REDACTED]
Sent: Monday, October 18, 2021 9:40 PM
To: SpaceXBocaChica
Subject: From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: https://www.faa.gov/space/stakeholder_engagement/spacex_starship/

Message

Como residente de brownsville texas creo que la llegada de space x a nuestra comunidad es de gran ayuda para la economía de la región. Estoy a favor de su apertura en la ciudad y espero y creo que traera grandes proyectos y negocios para la ciudad

From: Frank Barrera <[REDACTED]>
Sent: Tuesday, October 19, 2021 2:22 PM
To: [REDACTED]
Cc: SpaceXBocaChica
Subject: FW: Scanned from a Xerox Multifunction Printer
Attachments: DOC.pdf

Hello,

Sending Letter of Support.

Thx, Frank Barrera

[REDACTED] [REDACTED]

[REDACTED]

Via Email Only: [REDACTED]

Via Email Only: [REDACTED]

Ms. Marisela [REDACTED]
Ms. Stacey Zee, SpaceX PEA
1 Rocket Road
Starbase, Texas 78521

**Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA
License Application**

My name is Francisco J. Barrera. I am a resident of Cameron County, Texas and have lived in Cameron County, Tx. all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,



Francisco J. Barrera
[REDACTED]

From: sreyna <[REDACTED]>
Sent: Tuesday, October 19, 2021 1:40 PM
To: SpaceXBocaChica
Subject: FW: Scanned from a Xerox Multifunction Printer
Attachments: Scanned from a Xerox Multifunction Printer.pdf

-----Original Message-----

From: [REDACTED] <[REDACTED]>
Sent: Tuesday, October 19, 2021 3:41 PM
To: [REDACTED]
Subject: Scanned from a Xerox Multifunction Printer

Please open the attached document. It was sent to you using a Xerox multifunction printer.

Attachment File Type: pdf, Multi-Page

Multifunction Printer Location:
Device Name: XRX9C934EBB8DEE

For more information on Xerox products and solutions, please visit
<http://www.xerox.com>

[REDACTED]

Via Email On [REDACTED]

Via Email On [REDACTED]

Ms. Marisela [REDACTED]

Ms. Stacey Zee, SpaceX PEA

1 Rocket Road

Starbase, Texas 78521

**Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA
License Application**

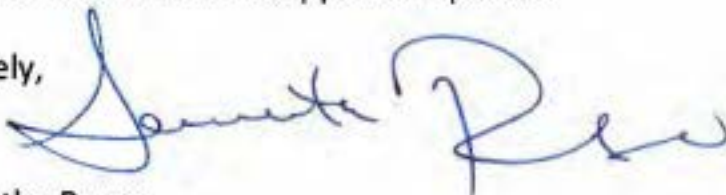
My name is Samantha Reyna. I am a resident of Cameron County, Texas and have lived in Cameron County, Tx. all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,



Samantha Reyna
[REDACTED]

From: Xandra Treviño <[REDACTED]>
Sent: Tuesday, October 19, 2021 9:08 AM
To: SpaceXBocaChica
Subject: In opposition to Musk and SpaceX

I am writing to oppose the colonization of Boca Chica Beach and Boca Chica Village by Elon Musk and SpaceX. It is unfair that local residents must now deal with the destruction and disruption that launches bring to their area. It is unfair that the indigenous people in our area are once again being ignored and their land is being taken by a billionaire who has no intentions of helping our community. It is unfair that local officials have ignored the safety of their constituents to make way for this vanity project of destroying this planet to jump into space, as well as a potential fracking site to support said vanity project.

Our concerns deserve to be heard, because we and the people we care about will be the one dealing with the damage SpaceX brings if SpaceX is allowed to continue in this area. The lives of existing residents should count more than the idea of money being made through these dangerous practices that SpaceX has conducted.

– Xandra Trevino

From: Andres Bodden <[REDACTED]>
Sent: Tuesday, October 19, 2021 1:04 PM
To: SpaceXBocaChica
Subject: Letter in support of spacex

My name is Andres Bodden. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

Andres Bodden

From: Nicolas Bodden <[REDACTED]>
Sent: Tuesday, October 19, 2021 10:10 AM
To: [REDACTED] SpaceXBocaChica
Subject: Letter in Support of SpaceX

My name is Nicolas Bodden. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

Nicolas Bodden

From: Bianca Castro ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 8:58 AM
To: SpaceXBocaChica
Subject: NO MORE INCHES FOR MUSK

Dear Federal Aviation Administration,

We need to stop allowing big corporations from buying up and ruining entire coastlines! Part of the gulf coast has already been slaughtered by the oil industry, please don't allow our part of the coast to be ruined in the name of space exploitation. Space X expanding would have monumental effects on our region, our home, and the various amounts of specifics which call it home- if it's not good for animals or the earth- it's not good for us either. Please DO NOT allow this expansion to happen.

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

An accident on the scale of a Starship/SuperHeavy launch vehicle would be a devastating catastrophe for the Laguna Atascosa Wildlife refuge, the Lower Rio Grande Valley Wildlife refuge as well as for nearby communities of color and endangered species like the ocelot and aplomado falcon.

At the very least, the FAA should conduct a comprehensive Environmental Impact Statement because of the size and scale of SpaceX's new launching operations. This Environmental Assessment is extremely inadequate, because it only evaluates an "initial mission profile," and does not address:

1. The FAA's claims that SpaceX's mission is to launch larger rockets in pursuit of National Space Policy goals, which were updated by Trump in 2020. These policy goals should be evaluated by the new Biden Administration, and actually reflect whether space exploration is in the interest of the public rather than private corporations seeking to profit.
2. The already damaged land and wildlife that SpaceX has already caused, in addition to the new plans that will permanently destroy acres wetlands and floodplains,
3. SpaceX's rocket launching schedule results in beach closures that would further strip away people of color's rights to fish and recreate at Boca Chica Beach by up to 800 hours per year, about an entire month.
4. Elon Musk, using his social media platforms to attract outsiders to displace a historically marginalized community. Already, longtime residents are being forced away from their beach and homes, and it doesn't help when outsiders, attracted by Elon Musk and his social media presence, displace residents by moving here or soliciting comments and opinions from people who've never even been to the region.
5. SpaceX has never consulted with the Carrizo/Comecrudo Tribe of Texas, who have ancestral ties to the region, about operations. Under the United Nation's Free, Prior, and Informed Consent, SpaceX should not be authorized without consultation and consent of the Tribe.

Additionally, the FAA should have to redo its regulatory process to accommodate the Spanish-speaking population because the public hearings and materials are not translated.

About 80% of the Rio Grande Valley community, which is directly impacted by SpaceX, speaks primarily Spanish at home. The FAA should not allow SpaceX to continue to expand to launch the Starship/Super Heavy project at Boca Chica Beach because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

Bianca Castro

[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Eric K <[REDACTED]>
Sent: Monday, October 18, 2021 9:38 PM
To: SpaceXBocaChica
Subject: PEA for the Starship/Super Heavy Program

Hello,

I am a resident in Brownsville, Texas and have followed developments regarding SpaceX's Starship/Super Heavy program in the area. While I care deeply about our environment, I must say that I approve of SpaceX's operations and their plans for launches from the Boca Chica site.

Our area is a thriving habitat for reptiles, mammals, many species of birds which attracts thousands of birders to the area each year. I want to protect the Boca Chica/Lower RGV Wildlife Refuge as it's a treasure to the Valley. I believe SpaceX will respect the refuge and ensure it's protection by taking steps to minimize negative impacts on the habitat and will contribute to it's preservation.

In Florida, I've visited the launch site at Cape Canaveral many times over there years. One of my favorite places to visit while there is the Merritt Island National Wildlife Refuge and Canaveral National Seashore. They are wonderful preserves of rare wildlife, including the American Bald Eagle, and endangered sea turtles. The Florida launch site sits within this wildlife refuge and has launched men to the Moon in addition to hundreds of other launches. The wildlife is protected and NASA has done a fine job to ensure the flora and fauna are protected, including from developers.

I truly believe SpaceX and the employees of SpaceX will be great stewards of our local wildlife refuge. They demonstrated that earlier this year by helping shelter endangered sea turtles during the great freeze. We will work with them to ensure their operations benefit our region while causing minimal negative impact on our local environment. I am proud to call the RGV home and I'm happy that SpaceX is here providing jobs and giving hope to our community. I ask the FAA to look favorably on SpaceX's Starship/Super Heavy program here as the benefits far outweigh the costs. As a resident of Cameron County, I support SpaceX's plans here and I sincerely hope that the FAA will as well.

Respectfully,

Eric Kennedy
[REDACTED]

From: Curtis Hayungs <[REDACTED]>
Sent: Tuesday, October 19, 2021 1:51 PM
To: SpaceXBocaChica
Cc: Daniel Bryant; [REDACTED]
Subject: PEA Licences and Permits for Starship Heavy, Public Comment
Attachments: SpaceX Support.docx

Attached please find a public comment from Friends of RGV Reef pertaining to the above referenced proposed action:

Thanks, Gary Glick



October 19, 2021

To: The FAA

RE: Proposed action to issue SpaceX one or more experimental permits or vehicle operator licenses to allow SpaceX to launch the Starship/Super Heavy

Sir or Madam:

Friends of RGV Reef supports the proposed action to grant SpaceX the above referenced licenses and permits.

Friends of RGV Reef (Hereafter Friends) is a non-profit corporation dedicated to improving Gulf of Mexico fish habitat. Friends has populated the first industrial scale nursery reef in the Gulf of Mexico, through the placement of 72,500,000 pounds of donated recycled concrete materials forming complex low-profile structures to decrease mortality of reef fish, and carry multiple species of Reef and Pelagic fish through their life cycles. Our reef is located off South Padre Island and is relatively close to the SpaceX launch site. As such, Friends is exceptionally concerned with the overall health of the local bay and marine environment. And has watched SpaceX's actions carefully.

SpaceX has proven to be a responsible steward of the local environment.

We additionally hold a Private Pilot license, and regularly fly in and out of the local area. Their airspace use has not interfered with our flights.

Cameron and Willacy Counties are two of the economically poorest counties in the United States, and SpaceX is a boon for folks looking for a well-paying job to feed their families.

We appreciate the thoroughness of your review procedure.

Thanks.

Gary Glick

President, Friends of RGV Reef



Help Friends of RGV Reef put the fish back in the Gulf!

From: Paul Perot <[REDACTED]>
Sent: Friday, October 15, 2021 8:43 AM
To: SpaceXBocaChica
Subject: Please Approve SpaceX Starship

SENT VIA US MAIL AND EMAIL

15 October 2021

Federal Aviation Administration
Washington, DC

I am writing you today in regards to your Environmental Impact Study and SpaceX in Boca Chica Texas.

First I want to say how much I appreciate the FAA. On the rare occasion that I fly it is a comfort to know that safety precautions mandated by the FAA are in place.

Having said that,I totally disagree with any regulation which limits space activities by SpaceX in Boca Chica.

Since 2010,when it started launching supply ships to the International Space Station,SpaceX has proven itself to be a trustworthy and reliable partner with the United States government. SpaceX has worked side-by-side with NASA and the United States Air Force. SpaceX has helped re-establish the United States as the world leader in space exploration and has inspired people all over the world. The SpaceX Starship launches in 2020 and 2021 have demonstrated historic and groundbreaking flight maneuvers. In those test flights the SpaceX Starship did things no other rocket in history has ever done. It is a quantum leap forward in technology. When the SpaceX Starship is attached to the planned heavy booster it will be another history-making event. It will be the largest and most powerful rocket in human history. And it will happen in the United States. The prestige this will bring to the United States is immense.

Some of you may be familiar with history and the story of how the astronomer Galileo was tortured,imprisoned,and,forced to renounce his scientific discovery that the Earth orbited the sun. Science,technology,and,knowledge were set back hundreds of years by this single act. I see a similar situation with the FAA and SpaceX. We are at a unique point in history. SpaceX is the only realistic chance we have for travelling to Mars and beyond. If humanity misses this opportunity It may be hundreds of years before another attempt can be made.

Media reports indicate the FAA plans on allowing five Starship/Super Heavy launches per year. SpaceX will require dozens of launches per year to achieve the goal of landing humans and building a colony on Mars.

The common sense solution is immediate approval for any and all SpaceX activities when the public comment period ends on 1 November 2021. Every day that passes lessens the chance that humanity may travel to Mars.

Concern for the environment and various species of animals around Boca Chica is understandable. I would ask you to consider the future of another species. The species called Human. Space exploration is a human right. It is part of our evolutionary process. Any attempt to limit or block SpaceX activities in Boca Chica will limit and block the future of humanity.

Paul Perot



From: Kelley Bryant <[REDACTED]>
Sent: Tuesday, October 19, 2021 1:12 PM
To: SpaceXBocaChica
Subject: Public Comment for SpaceX Starship Project
Attachments: Daniel Bryant Comment.pdf

Please see attached public comment on the above referenced topic.
Thank you,
Daniel Bryant

[REDACTED]

DANIEL BRYANT



October 18, 2021

Re: SpaceX Starship Project

To Whom It May Concern:

Thank you for the opportunity to comment on SpaceX Starship project. I am Daniel Bryant, local business owner of several companies headquartered in Cameron County. I have been a resident in the Rio Grande Valley, specifically Cameron County, for fifty-five years.

I would like to provide my support for the SpaceX Starship project. I own a tourist company on South Padre Island and have seen the direct positive impact a SpaceX launch has on our tourism. At this time, the spectators are mostly valley residents coming down to see a rocket launched. However, with the Starship project and possibility of sending people into space from Cameron County, I expect the increase in tourism to come from all over the US as is seen at the Kennedy Space Center in Florida.

I have worked with SpaceX personally through my small business. It is exciting for a small Cameron County Texas based company to be able to work with one of the top leaders in space exploration. They have reached out to numerous businesses at a time when small business really needed support.

I am giving my support for endorsement of the SpaceX Starship project as well as any future projects in the works. It is thrilling to see growth in Cameron County as well as recognition of South Texas as related to SpaceX and its new developments. The sky really seems to be the limit!

Sincerely,

Daniel Bryant

From: Bryant Industrial Services <[REDACTED]>
Sent: Tuesday, October 19, 2021 1:10 PM
To: SpaceXBocaChica
Subject: Public Comment on SpaceX Starship Project
Attachments: BIS Comment.pdf

Please see attached public comment on the above referenced topic.
Thank you,
Daniel Bryant

[Bryant Industrial Services LLC.](#)

[REDACTED]



BRYANT INDUSTRIAL SERVICES, LLC



October 18, 2021

Re: SpaceX Starship Project

To Whom It May Concern:

Thank you for the opportunity to comment on SpaceX Starship project. I am Daniel Bryant, President of Bryant Industrial Services LLC, a company based in Cameron County. I have been a resident in the Rio Grande Valley, specifically Cameron County, my entire life.

I would like to provide my support for the SpaceX Starship project. SpaceX has become one of the largest employers in Cameron County and continued growth is to be expected. As a current resident of Laguna Vista, I have witnessed the positive impact SpaceX has made on Cameron County. Bringing new residents to the area has exponentially increased our real estate sales.

Tourism driven by SpaceX has been rising on South Padre Island since its development and flight testing. I have seen crowds of people come to the island to watch an intended launch. There is a direct increase in sales in the hospitality market and I expect those numbers to rise as the Starship project grows.

In summary, I am giving my support for endorsement of the SpaceX Starship project as well as any future projects. It is very exciting to have this kind of development in Texas, especially Cameron County.

Sincerely,

Daniel Bryant

From: Zhanar A. Suleimenova <[REDACTED]>
Sent: Tuesday, October 19, 2021 4:03 PM
To: SpaceXBocaChica
Subject: Public comment on SpaceX's Draft Programmatic Environmental Assessment (PEA)
Attachments: letter to faa.pdf

Mr. Steve Dickson
Administrator
Federal Aviation Administrator
800 Independence Ave SW
Washington, DC 20591
Sent via email to [REDACTED]

Re: SpaceX's Draft Programmatic Environmental Assessment (PEA) for the Starship/Super Heavy program at Boca Chica Beach in Brownsville, Cameron County, Texas.

Dear Mr. Dickson,

I am writing this letter in response to the invitation by FAA to the public to share our thoughts on SpaceX's Draft Programmatic Environmental Assessment (PEA) for the Starship/Super Heavy program at Boca Chica Beach in Brownsville, Cameron County, Texas.

I wholeheartedly support SpaceX's mission and request FAA to issue SpaceX the experimental permit and a vehicle operator license from the FAA to operate Starship/Super Heavy and let SpaceX to continue their work in South Texas without any delay considering the following:

The environmental impact is minimized:

The SpaceX's site is located in the southernmost tip of the USA and is surrounded mostly by the Gulf of Mexico water and an uninhabited land of Mexico. This is the optimal location for any enterprise that wants to minimize the environmental impact. You cannot get a better location in continental USA for minimizing an environmental impact.

Image of America in the world depends on SpaceX:

SpaceX represents the essence of America's pioneering spirit and America's soul. SpaceX also represents a hope for America to keep being a shining light for all of mankind as the entire world admires SpaceX. SpaceX keeps America number one in the world in Space Exploration. It is important that other countries look up to America and not look down upon it.

National Security depends on SpaceX:

SpaceX has made American human flights to the outer space and ISS from America's soil possible and ended America's reliance on Russia for human space flights in the record short time.

SpaceX is the company that the Defense Department and NASA rely on for most important missions, therefore SpaceX deserves a similar treatment by FAA as do the Department of Defense and NASA.

Balance is important to maintain:

I love Earth, Nature, Texas and Texans, and I also love human space exploration by SpaceX and I love America. I see that it is necessary for us to have a balanced approach. I would like to ask FAA to weigh not only the needs of a few local residents but also the needs of the entire country in areas of national image in the world, national security, American leadership in space flight technology and Space exploration. SpaceX is the only company America depends on when America competes with other countries in areas of Defence and Space.

By this letter, we request FAA to issue SpaceX all the necessary licenses and permits.

Thank you for your attention to this public comment.

Sincerely,
Zhanar Suleimenova

Exploration Geophysicist
Texas resident for 23 years
(now temporarily in California)
[REDACTED]

Attachment: 1 letter in pdf

Mr. Steve Dickson
Administrator
Federal Aviation Administrator
800 Independence Ave SW
Washington, DC 20591
Sent via email to [REDACTED]

Re: SpaceX's Draft Programmatic Environmental Assessment (PEA) for the Starship/Super Heavy program at Boca Chica Beach in Brownsville, Cameron County, Texas.

Dear Mr. Dickson,

I am writing this letter in response to the invitation by FAA to the public to share our thoughts on SpaceX's Draft Programmatic Environmental Assessment (PEA) for the Starship/Super Heavy program at Boca Chica Beach in Brownsville, Cameron County, Texas.

I wholeheartedly support SpaceX's mission and request FAA to issue SpaceX the experimental permit and a vehicle operator license from the FAA to operate Starship/Super Heavy and let SpaceX to continue their work in South Texas without any delay considering the following:

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I love Earth, Nature, Texas and Texans, and I also love human space exploration by SpaceX and America. I see that it is necessary to have a balanced approach. I would like to ask FAA to weigh not only the needs of a few local residents but also the needs of the entire country in areas of national image in the world, national security, American leadership in space flight technology and Space exploration. SpaceX is the only company America depends on when America competes with other countries in areas of Defence and Space.

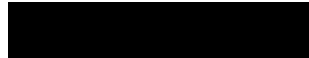
By this letter, we request FAA to issue SpaceX all the necessary licenses and permits.

Thank you for your attention to this public comment.

Sincerely,



Zhanar Suleimenova
Exploration Geophysicist
Resided in Texas for 23 years



From: Brian Frankie <[REDACTED]>
Sent: Tuesday, October 19, 2021 2:14 PM
To: SpaceXBocaChica
Cc: [REDACTED]
Subject: Re: Comment on SpaceX Starship/Super Heavy draft PEA

Ms. Zee,

Thank you to the FAA for the public comment session held on 18 Oct 2021 at 17:00 Central time regarding the SpaceX development of the Boca Chica launch facility for the Starship/SuperHeavy stack. I listened to the session, although I was not able to comment, as there were simply too many others in line. I wish to take this opportunity to express my thoughts on the public comment session.

First, I want to note there were a number of people speaking on behalf of various organizations in opposition to the draft PEA. They obviously were coordinated, as much of the text in their comments was verbatim. They all indicated that the PEA was not adequate and an EIS is required. Many of them based their opposition on the fact that the PEA did not provide sufficient detail for the proposed 250 MW power plant or the liquefied natural gas facility.

These objections are not relevant to the current PEA. The eventual configuration of the launch site is a work in progress, and the definition of the power plant and LNG facility is not complete. When SpaceX needs these specific facilities, there will be a process for approval of these distinct items. Furthermore, the draft PEA does address the power plant and LNG facility in some detail, as much detail as is currently known. Estimated emissions for the facilities, for example, are shown in draft PEA Table 3-2. So the contention that these items are ignored in the PEA is not accurate.

The descriptions in the PEA from the SpaceX development show that everything proposed to date have modest and manageable impacts. This is only common sense. While the SpaceX facility is a large scale rocket, it is still small relative to major industrial facilities. There is no reason to think this will change even with the eventual development of further facilities. For example, the 250 MW power plant that the opponents made such a big deal over - this is a very small facility. I live not 5 km from a 3600 MW power plant, fuelled by both coal and natural gas. A 250 MW natural gas plant has minor emissions and impact on air and water compared to most major power facilities. Likewise, the LNG facility - it will need to fuel a SuperHeavy rocket, with about 1200 tonnes of methane per flight. Even with a flight frequency of once per week, this is only ~200 tonnes/day. I build LNG facilities, and a typical production train will produce 800 tonnes/hour, so the SpaceX proposal is only on order of 1% as large as a normal LNG train.

This is all a quite modest development by SpaceX, and the PEA is entirely sufficient to assure that the environmental impacts are acceptable. An EIS is not required for the current tranche of work SpaceX is proposing. And let us be frank - we all know the purpose of the request for the EIS. This is a tactic to delay the project, and further objections will be launched after the EIS is required and completed. There is no appeasing the opponents of the SpaceX development - they do not want an EIS, or reasonable environmental mitigations; their objective is to stop the Project, finally and forever. It is not the role of the FAA to ensure that perfection is achieved and every person objecting to a development is heard and every consideration addressed. That way lies the stoppage of all progress and development. The FAA should ensure that the PEA is good enough, that the environment is reasonably protected, and approve the essential development work that is ongoing. I strongly object to requiring an EIS for this development, and urge the FAA to finalize the PEA and ensure the work can proceed in a timely manner.

Best regards,
Brian Frankie

On Tue, Sep 28, 2021 at 11:22 AM Brian Frankie <[REDACTED]> wrote:

Ms. Zee:

Thank you to the FAA for publishing the Draft Programmatic Environmental Assessment for the SpaceX Starship/Super-Heavy launch program in Boca Chica, Texas. I think the FAA did a very creditable job with this document. And a thorough job - it is quite long!

My name is Brian Frankie. I am an engineer by training, with experience in oil and gas developments. I have no affiliation with SpaceX, other than as a Houston, TX citizen who follows their developments.

I support the FAA proposed action to issue the required permits for SpaceX development and operations at Boca Chica, as described in Section 2.1. The No Action Alternative described in Section 2.2 is not a suitable alternative, and would effectively prevent development of the important Starship/Super-Heavy system.

The environmental impacts, and mitigations described in Section 3 are in my view appropriate for the development, although a bit more conservative than necessary.

I would like to take a moment to address Section 1.3 in the PEA. Everything written there is true, but I do not believe it fully captures the importance of the Starship/SH development for the United States and for the environment. Access to space is critical to helping the future of the country and supporting development in an environmentally friendly manner. How so? Instances are far too numerous to completely describe in a brief email, but consider some representative examples:

1. Communications: Satellite technology has enabled communications far faster and complete than land based systems can achieve. Think of communications to ships at sea, or planes in the air. Or simple radio or television broadcasts from far locations. These communications improve quality of life, of course, but also have a profound environmental impact. Transmitting information via satellite reduces needs for travel and physical transportation of goods and messages. It also reduces the intensity of the communications themselves, decreasing the amount of energy to send information across long distances. The Starlink development from SpaceX is greatly expanding the abilities and environmental benefits from the first generation of satellite communications.
2. Remote sensing: This technology has had profound impacts on agriculture and land use, increasing efficiency dramatically in numerous ways. The savings in greenhouse gases, and in reduction of criterion pollutants have greatly increased the ability to supply the modern world with food and goods while reducing the environmental impact of such production.
3. GPS: Consider the reduction in travel hours alone enabled by GPS, and you can start to appreciate the importance of this space based technology to the environment.

Those are three technologies that are currently helping the environment and our world with the current generation of launch vehicles. The best in class launch vehicles currently are the Falcon 9 and Falcon Heavy, which sport list price tags of \$62 MM and \$90 MM respectively, leading to costs to LEO on order of \$600 to \$1200 per pound of cargo.

The Starship/SH development looks to reduce that cost to LEO by an order of magnitude or more. This will greatly improve the existing generation of space applications (see: Starlink), and enable even greater environmental and commercial benefits. In addition, just think of the future opportunities that would be afforded to the United States if we could reduce costs of a pound of cargo to LEO to \$60 or less, and the beneficial impact that could have on the environment.

1. Power generation: Solar power orbital satellites could turn solar power from an intermittent into a baseload source. A single 1 GW solar satellite replacing a combined cycle gas plant would save on order of 2 million tonnes of greenhouse gas emissions annually, along with substantial reductions in criterion pollutants.

2. Industrial manufacturing: We really don't know what could be made in orbit, but there is no doubt a microgravity environment would help many processes. Efficient lithography, zero attenuation fiber optics, high efficiency biotechnology, and many more applications look likely to reduce the industrial burden on earth if orbital transportation costs can reach the level promised by Starship.

3. Mining and resources: Closing earth bound mines to enable recovery of rare and precious metals from space based resources would restore vast areas of earth into environmental refuges.

These are but a few of the possibilities that low cost orbital transportation may enable. The PEA and Section 1.3 deal with the practical concerns to the environment in Boca Chica. That is well and good, and SpaceX can and will develop the program in a manner that minimizes impact to the local environment. But for your consideration, I think it is an oversight to not mention in Section 1.3 the enormous potential environmental benefits that accrue from development of Starship/Super-Heavy.

Best regards,
Brian Frankie

--

Brian M. Frankie



--

Brian M. Frankie



From: Freddy J. [REDACTED] Sent You a Personal Message
<[REDACTED]>
Sent: Tuesday, October 19, 2021 8:01 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

An accident on the scale of a Starship/SuperHeavy launch vehicle would be a devastating catastrophe for the Laguna Atascosa Wildlife refuge, the Lower Rio Grande Valley Wildlife refuge as well as for nearby communities of color and endangered species like the ocelot and aplomado falcon.

At the very least, the FAA should conduct a comprehensive Environmental Impact Statement because of the size and scale of SpaceX's new launching operations. This Environmental Assessment is extremely inadequate, because it only evaluates an "initial mission profile," and does not address:

1. The FAA's claims that SpaceX's mission is to launch larger rockets in pursuit of National Space Policy goals, which were updated by Trump in 2020. These policy goals should be evaluated by the new Biden Administration, and actually reflect whether space exploration is in the interest of the public rather than private corporations seeking to profit.
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5. SpaceX has never consulted with the Carrizo/Comecrudo Tribe of Texas, who have ancestral ties to the region, about operations. Under the United Nation's Free, Prior, and Informed Consent, SpaceX should not be authorized without consultation and consent of the Tribe.

Additionally, the FAA should have to redo its regulatory process to accommodate the Spanish-speaking population because the public hearings and materials are not translated.

About 80% of the Rio Grande Valley community, which is directly impacted by SpaceX, speaks primarily Spanish at home. The FAA should not allow SpaceX to continue to expand to launch the Starship/Super Heavy project at Boca Chica Beach

because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

Freddy J

[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Linda Gonzalez ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Tuesday, October 19, 2021 8:16 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

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because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

Linda Gonzalez



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Paulina Montez ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 8:21 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

This is my hometown, and I care about it like anyone else would. Please don't make this decision based on the voices who did not grow up here and do not understand what it is like to see your home colonized.

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

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Sincerely,

Paulina Montez

[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Sadie Hernandez ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 8:44 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

Space X has ruined our community in the short amount of time they've been here! From social impact to the environment, Space X shouldn't be here in the first place and any and all expansions will have negative consequences for us for decades to come!

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

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Sincerely,

Sadie Hernandez



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Natalie Marquez ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 8:59 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

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Sincerely,

Natalie Marquez



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Luz Cruz ([REDACTED]) Sent You a Personal Message < [REDACTED] >
Sent: Tuesday, October 19, 2021 9:18 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

the RGV has wildlife, both fauna and flora, that is not found in many other places. It is part of our culture and roots! A rich man cannot come and destroy it! Animals and our planet is dying. Affecting the poor more than the rich. This would just play into that;!!

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

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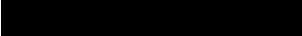
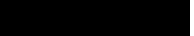
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Sincerely,

Luz Cruz



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at  or .

From: Jonathan Cruz ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 9:53 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

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Sincerely,

Jonathan Cruz



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Juliette Hernandez ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 9:58 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

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Sincerely,

Juliette Hernandez

[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: carlos vela ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 10:15 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

When a billionaire comes to one of the poorest regions of the country and makes lofty promises, it is our responsibility as stewards of this land to scrutinize their claims and hold them to account for all the people who will live here after us. We need to know the extent of the environmental impact this facility will have on the community, because when a petulant billionaire loses interest, our children will be left to sort through the damage. "Trust us" is not good enough.

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

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At the very least, the FAA should conduct a comprehensive Environmental Impact Statement because of the size and scale of SpaceX's new launching operations. This Environmental Assessment is extremely inadequate, because it only evaluates an "initial mission profile," and does not address:

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Sincerely,

carlos vela

A black rectangular redaction box covering the signature and any accompanying text or contact information.

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Michelle Mejia ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 11:29 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I grew up in Brownsville and I had to leave "migrate" for school and better opportunity. It saddens me to see that my elderly parents will feel the repercussions that the city and county have allowed for Musk and space X to affect the natural diversity that is unique to south Texas as well as having effects that will affect the quality of life for my parents and all my extended family. It is not fair, because they will not reap benefits from this economic "opportunity" but face the backlash of a county that puts profit before it's people.

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

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Sincerely,

Michelle Mejia

A large black rectangular redaction box covering the signature and any accompanying text or contact information.

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Gibran Espino ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Tuesday, October 19, 2021 11:34 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

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Sincerely,

Gibran Espino



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Leslie Torres ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 11:47 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I do not want to see my home region environment vandalized and communities indoctrinated by SpaceX. There is no environmental protections offered by SpaceX or Brownsville. Why should I support SpaceX's place and likely expansion when there are no protections for the people, animals, and environment of Cameron County and the RGV? The enthusiastic support for SpaceX that Brownsville and Texas leaders have is extremely short-sighted and does not comprehend any future-thinking of the environment. It is clear money is the only thing on their mind, but what good is this money if there is nothing left to be proud of in the RGV or its environment?

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

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Sincerely,

Leslie Torres

A large black rectangular redaction box covering the signature and any accompanying text or contact information.

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Victoria Guerrero ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 12:53 PM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

My community is being targeted by this proposed expansion, and the lives and well being of community members as well as our environment are not worth the costs of the expansion. I deeply oppose the expansion.

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

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Sincerely,

Victoria Guerrero

[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: juanita resendez ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Tuesday, October 19, 2021 1:21 PM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

Please do not allow space x to take advantage and exploit our land and homes. Growing up here spending time at Boca chica had some fond memories. We have such a beautiful beach. I don't think it's fair to our beach and the wildlife to have to suffer from all this mess losing their precious habitat. Even if we could clean all the debris these lands would also be affected by humans walking around. I see their vision and respect that but I believe that preserving and taking care of ecosystems as precious as ours is worth much more.

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

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Sincerely,

juanita resendez

A black rectangular redaction box covering the signature and any accompanying text or contact information.

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Marissa Buschow ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 1:22 PM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

Coastal habitats are already severely impacted across the U.S., and it is important to protect those we have left.

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

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Sincerely,

Marissa Buschow



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From: Aidan Alexander ([REDACTED]) Sent You a Personal Message
< [REDACTED] >
Sent: Tuesday, October 19, 2021 7:51 AM
To: SpaceXBocaChica
Subject: Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

People live here and are suffering due to these actions. You would let us drown in corrupt dealings?

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

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Sincerely,

Aidan Alexander



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Isaac Smith <[REDACTED]>
Sent: Tuesday, October 19, 2021 7:44 PM
To: SpaceXBocaChica
Subject: Regarding SpaceX Starship Launch

Thanking you for taking your time to review my public comment on SpaceX and it's proposal to launch the Starship Orbit vehicle in LEO. My opinion is simple and straightforward, it is as follows... LAUNCH IT! LETS GOOOOO SPACEX!

Thank you and good evening!

From: E. Hernandez <[REDACTED]>
Sent: Tuesday, October 19, 2021 10:23 AM
To: SpaceXBocaChica
Subject: Space X Vendor
Attachments: BC.jpg

To whom it may concern,

I am a small vendor for Space X. If Space x had not reached out to me when they did our small business would be closed because of the pandemic. Space x has helped me rejuvenate my business and keep all my employees working. I truly believe that Space X is a big part of the future of our community. We are now operating in the black thanks to Space X. Our future success is directly tied to the continued growth of Space X. The direct effect it is having on our communities future development has been incredible. We are proud to be a Space X Vendor

--

Evan M Hernandez Sr.
Big E's Smokehouse
OWNER
[REDACTED]

From: LuzArgelia Gonzalez ([REDACTED]) Sent You a Personal Message
<[REDACTED]>
Sent: Tuesday, October 19, 2021 1:31 PM
To: SpaceXBocaChica
Subject: SpaceX

Dear Federal Aviation Administration,

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5. SpaceX has never consulted with the Carrizo/Comecrudo Tribe of Texas, who have ancestral ties to the region, about operations. Under the United Nation's Free, Prior, and Informed Consent, SpaceX should not be authorized without consultation and consent of the Tribe.

Additionally, the FAA should have to redo its regulatory process to accommodate the Spanish-speaking population because the public hearings and materials are not translated.

About 80% of the Rio Grande Valley community, which is directly impacted by SpaceX, speaks primarily Spanish at home. The FAA should not allow SpaceX to continue to expand to launch the Starship/Super Heavy project at Boca Chica Beach because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

LuzArgelia Gonzalez



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

From: Eduele Projects <[REDACTED]>
Sent: Tuesday, October 19, 2021 8:59 AM
To: SpaceXBocaChica
Subject: SpaceX comment from local Port Isabel resident

Hey,
I just wanted to say that I have never seen such a positive stream of changes in local area like that are now caused by SpaceX Starship endeavour. I moved in about a 15 years ago and I am really sure that SpaceX can make bright future for Boca Chica and local area.

I am really not happy with some other people saying that Starship has negative impact, I've been near site many times (you can basically drive right up to the Starbase facility) and I haven't seen anything bad. It's really a hope for bright future for Boca and whole America.

So please, be wary about certain negative comments which I think have ulterior motive and just let SpaceX launch. SpaceX is really willing to resolve issues, but they need to develop Starship fast and any delay would be a very serious setback, both for NASA Moon missions and whole humanity.

Thank you, Jeff

From: Joey Olson <[REDACTED]>
Sent: Tuesday, October 19, 2021 6:46 PM
To: SpaceXBocaChica
Subject: SpaceX public hearing

I want to voice my desire that the FAA will approve the launches and work that SpaceX is trying to achieve!

We need to be a space-faring civilization, and we cannot ruin or even shorten that goal!

Joe Olson

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Thank you for hearing my concern and desire!

From: Dennis Letkeman <[REDACTED]>
Sent: Friday, October 15, 2021 1:34 PM
To: SpaceXBocaChica
Subject: SpaceX

Hello,

I support SpaceX in their goal to make spaceflight more sustainable and affordable. I think they are doing good work and should be allowed to conduct super heavy test launches.

-Dennis Letkeman

From: Colby Downs <[REDACTED]>
Sent: Monday, October 18, 2021 10:16 PM
To: SpaceXBocaChica
Subject: Starship/SuperHeavy @ Boca Chica

To Whom it May Concern:

The Programmatic Environmental Assessment (PEA), submitted by SpaceX is a sufficiently comprehensive document regarding operations at it's Boca Chica facility (StarBase). The PEA is a recognition of the myriad challenges that accompany large commercial development, especially in aerospace.

Regulatory Bodies and Advisory Groups

The PEA names a significant number of federal, state, and local governing bodies which have either regulatory responsibility or provide some level of consultation about potential issues surrounding StarBase. The PEA indicates that SpaceX has built relationships with these entities and should continue to do so through-out construction and subsequent operations. These governing bodies provide a voice for economic, social, and environmental concerns from US citizens, as is appropriate. As a citizen, I find the content of the PEA on this point to be satisfactory for this point of StarBase construction and operations.

Construction Operations at StarBase (environmental sensitivity):

Soils:

Disturbance of soils and changing of grade at such a site has potential to affect water quality in an environmentally sensitive area. Soil runoff is likely a primary hazard to the environment at this stage. SpaceX is aware of dangers of soil runoff and indicates in the PEA that construction crews have procedures to follow to minimize the contamination to all the environmentally sensitive areas surround StarBase.

Construction Fuel & Equipment:

Given the already industrial nature of the area (Brownsville shipping channel), the volumes and types of fuel and petroleum based chemicals on site is not likely to constitute a significant increase overall. A single ship traversing the channel, which the channel can service ships of 260m of length and a draft of 13m are likely to carry between 500,000 and 1 million gallons of fuel oil. All of the construction equipment on site at StarBase would only use a fraction of that amount in a month. Any leakage or spillage from any one piece of equipment on site would at most be a couple of hundred gallons and could be managed sufficiently onsite.

Materials:

StarBase is being constructed of steel, concrete, and local soils. With the exception of runoff (previously mentioned), these materials are not likely to be a significant contributor of

Planning & Movement:

SpaceX needs a more predictable plan for road closures. The present methodology of filing for road closures on most days and then only cancelling that road closure when the company is sure that it won't need to close the road is a defacto closure of the public access beach area at Boca Chica beach. No one will "plan" to go to the beach when they see that Highway 4 will be closed 4 days out of 7 in the next week. Lifting the closure hours before it is scheduled effectively limits public access to the beach. SpaceX is better than this. SpaceX can plan better than this.

Aerospace Operations:

Fuel

The ground support equipment (GSE) onsite that will fuel/test the Starship/SuperHeavy are either cryogenic or pressurized. A failure of containment for any of the LN2, LCH4, or LOX onsite will see these fuels volatilize rapidly. LN2 and LOX releases are of very little concern; when these volatilize they become Nitrogen gas and Oxygen... other than the brief cooling from the cryogenic temps... no environmental impact. LCH4 will volatilize and become methane gas... this gas would dissipate quickly and likely cause

little if any harm. Of course, a methane gas cloud is flammable, and could result in spectacular fireballs; but with proper access management should cause injury or harm beyond equipment damage.

Materials:

The construction of the Starship and SuperHeavy utilize conventional materials. The materials found in these aerospace vehicles are in large measure no more exotic than the materials in the ships plying the waters of the gulf or the shipping channel. The aerospace vehicles also contain less petrochemical than the ships. As such the risks associated with prototypes either unintentionally or intentionally finding their way into the waters of the gulf does not seem to be a major concern.

Sound:

Sound pollution from launch operations will be unavoidable. NASA and the FAA would have significant data with regard to the effect of launch operations on the surrounding areas of Kennedy Space Center (KSC) and Vandenberg Airforce Base. I have visited the areas around Kennedy and those areas seem to be flourishing, even as close to KSC as they are.

Planning & Launch:

Please see the Planning and Movement commentary under Construction Operations, the same expectations apply here.

Economic Development:

SpaceX will not solve every economic woe in Cameron County or Brownsville. StarBase will bring new investment. StarBase will bring new tourism and commerce; which will help to diversify the opportunity for those who live in and around Cameron County. With economic growth, there will be challenges to manage that growth with regard to infrastructure, housing, and community resources; local & state government will need to bear the brunt of most of this management.

Cultural Impact:

Cameron County is growing; with growth the composition of the people who live in Cameron County is going to change. Population change will bring cultural change, SpaceX may not necessarily be the entity that should be managing the community calendar; but should not be blind to it either. SpaceX may want to encourage employees to generate and participate in a community outreach program; while providing some level of support to accomplish this outreach.

Summary:

As a space enthusiast, I have been watching the progress SpaceX is making at it's Boca Chica facility (StarBase). I have yet to visit the site personally; however, there are a number of high-quality content creators on various platforms that provide imagery of the site, near real time. These content creators provide ground-level and aerial imagery of the site on a nearly continuous basis. This, almost constant, monitoring of StarBase, StarBase operations, construction, and personnel provides unprecedented access to the design and build process for significant aerospace development.

I have been to both Kennedy Space Center and Johnson Space Center and believe that StarBase represents a much smaller environmental risk than either of those facilities. Space operations, by today's standards, need to take place over unpopulated areas (water); and thus any location chosen will be environmentally sensitive. Boca Chica seems to be a wise choice given all requirements at hand. The public interest in this facility (StarBase), this company (SpaceX), and the ambitious goals for Starship/SuperHeavy is beneficial for America as a whole. Life is more exciting if we are reaching for the stars!

Thanks,
Colby Downs.

From: Mike Atkinson <[REDACTED]>
Sent: Monday, October 18, 2021 9:38 PM
To: SpaceXBocaChica
Subject: Support for SpaceX operations at Boca Chica

Dear FAA,

As a U.S. citizen I wish to provide my support for all space flight operations at Boca Chica by SpaceX and believe it to be absolutely important for our countries future in technology and America's future.

Best Regards

Mr. Michael Atkinson

Chandler, Az.

[REDACTED]

From: Linda R Montalvo <[REDACTED]>
Sent: Tuesday, October 19, 2021 4:22 PM
To: SpaceXBocaChica; [REDACTED]
Subject: Support of Space X

**Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License
Application**

My name is __Linda Montalvo_____. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

NAME

--

Linda R Montalvo

[REDACTED] [REDACTED]

From: Emilio Salinas <[REDACTED]>
Sent: Tuesday, October 19, 2021 10:08 AM
To: SpaceXBocaChica
Subject: Support of SpaceX

Via Email Only: [REDACTED]

Via Email Only: [REDACTED]

Ms. Marisela [REDACTED]
Ms. Stacey Zee, SpaceX PEA
1 Rocket Road
Starbase, Texas 78521

Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application

My name is Emilio Salinas. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

Emilio Salinas



From: Dan Mincu <[REDACTED]>
Sent: Tuesday, October 19, 2021 3:02 PM
To: SpaceXBocaChica
Subject: The environmental disasters that could take place in Boca Chica must be prevented

The following will be the collective voice of a group of people that understand the tragedies that are to occur if this facility will become fully operational.

Re: Draft Environment Assessment of the Boca Chica Operations of SpaceX.

To: Stacey Zee, Environmental Protection Specialist, FAA
James Repcheck, Manager Safety Authorization Division, FAA

From: The YouTube Channel 'Common Sense Skeptic'

Dated: October 13th, 2021

Re: Transcript of attached video: <https://youtu.be/7bdkcoiFaN0>

To Whom It May Concern,

This is an open letter to the FAA, addressed to Stacey Zee Environmental Protection Specialist, and James Repcheck, Manager Safety Authorization Division, in response to their September 17th 2021 posting on Twitter and the FAA website asking for public input regarding the Draft Programmatic Environmental Assessment of SpaceX StarShip/SuperHeavy launch vehicle Program.

We are writing on behalf of our 31,000-member strong online community - our channel The Common Sense Skeptic has been following the activities of Elon Musk and SpaceX for several years now, and producing video content based largely on Musk's various claims made starting in July of 2020.

We had intended to go through the 150+ page document point-by-point with our concerns, but we note that this document was not created by the FAA. This document was prepared by three environmental engineers who are SpaceX employees, and one employee named Brian Pownell, who is a transportation engineer working for a consulting firm named Kimley Horn & Associates. That firm seems to specialize in large city-scale infrastructure projects rather than anything remotely environmentally friendly.

Upon completion, this document was submitted to Recheck at the FAA for consideration; and, as part of that consideration, your agency is now asking for input on this document outlining SpaceXs continued sprawl across the general Boca Chica area.

To set the tone of this letter, we - our channel, and our online community - are space enthusiasts, but we do not support Elon Musk's unsanctioned, reckless and destructive activities in the Boca Chica area.

Neither should the FAA, because the activities being conducted here do not resemble whatsoever the original intended, declared, permitted purpose of this site.

A bit of history here,

In the beginning, when SpaceX was shopping for launch sites and Texas threw their hat in the ring along with the city of Brownsville, Musk's declared intention was to establish a single launch pad and infrastructure for variations of the Falcon rocket, which was commissioned and endorsed by NASA to service the International Space Station as part of a \$1.6 billion contract. This was how the proposed facility was to be built.

To attract Musk and SpaceX to Brownsville, a list of incentives was presented to Musk, including \$2.3 million from the Texas Enterprise fund, and another \$13 million through the Cameron County Spaceport Development Corp, a private-public business which would quickly be turned against the residents of Boca Chica Village to force them out of their homes on Musk's orders.

As part of this incentive package, Texas also changed state laws to allow Musk to launch one rocket per month, on weekdays between 7am and 7pm, Monday to Friday, excluding holidays. This state law also prevents SpaceX from being sued for noise complaints as a result of those launches - which were supposed to be of Falcon9 or Falcon Heavy launch vehicles.

Since accepting the state's invitation and money, Musk has been operating in the Boca Chica area as if he has absolutely no oversight.

Instead of building a single launch facility similar to SpaceX leases in Cape Canaveral and Vandenberg Space Force Base, Musk has instead constructed a massive industrial complex and launch operations centre in an area that is situated between no less than four separate ecologically important and sensitive areas.

They are Boca Chica State Park, Brazos Island State Park, the Las Palomas Wildlife management area, and Boca Chica Beach. Musk's Launch centre is directly adjacent to every single one of those protected areas.

AND, Musk has built a completely separate industrial manufacturing complex that was never accounted for in any other assessment!

In 2014, your office - the Federal Aviation Administration - released an EIS report commissioned in 2013 to evaluate the impact this launch complex would have on the surrounding environment and wildlife, with special emphasis on federally-protected species. That assessment was conducted using the following parameters:

- A) That the site would be a single launch platform, for
- B) A rocket system known as the Falcon, that was
- C) Launching NASA-endorsed missions in support of the International Space Station.

In fact, it's right there in your cover artwork!

The Falcon rocket, which carries capsules called Dragons (Cargo Dragon, Crew Dragon) is now a proven system - the Falcon being a 70m-tall multi-stage rocket requiring a propellant load of 395 tons in the first stage, and another 92 tons in the second stage, for a total of around 500 tons. According to the SpaceX user's guide for Falcon, the noise rating inside the fairing of the vehicle is 131.4dB.

With those parameters and logistics in mind, the FAA conducted their initial environmental assessment and at the time the FAA indicated concerns surrounding the federally-protected and critically endangered mammal, bird and reptile species, naming the ocelot and jaguarundi; the Aplomado Falcon, piping plovers, and red knots; and the Kemp's Ridley, hawksbill, leatherback, loggerhead and green sea turtles. They are all named in the December 18, 2013 Final Biological and Conference Opinion Consultation number 02ETCC00-2012-F-0186.

Your final report published in May of 2014 also noted the following state-protected species of flora and fauna in the area, including birds such as:

The White-Faced Ibis
Texas Botteri's Sparrow
Sooty Tern

This site is also part of a migration corridor for over 500 species of birds making annual migrations. The Rio Grande Valley Birding festival celebrates this site, and this single event brings in \$463 million to the region each year.

Additional mammals that were listed include:

The West Indian Manatee
Southern Yellow Bat
White-Nosed Coati

And, the following reptiles were noted:

Sheep Frog
Black-Striped Snake
Northern Cat-Eyed Snake
Speckled Racer
Texas Indigo Snake
Texas scarlet snake
Texas Horned Lizard
Texas Tortoise
Black-Spotted Newt
Mexican Tree Frog
South Texas Siren
And the White-Lipped Frog

There are also three types of plants on the state and federal endangered list that were noted:

South Texas Ambrosia
Texas Ayenia, and
The Star Cactus.

Both of these papers were drawn up using the parameters of the Falcon launch systems, which would be landing their boosters either in the Atlantic Ocean or on barges for recovery. Not on site. There is no 're-landing pad' in the original diagrams.

But Musk isn't launching Falcons into orbit from this site. He's destructively testing a much bigger, unproven launch vehicle that is more powerful, more destructive and far louder than the vehicle this site was considered for.

And there is absolutely no chance the above-noted endangered creatures and plant-life are not being adversely affected by the SpaceX expansionist and testing activities happening at Boca Chica.

The 100-acre wildfire caused by Musk at this site in 2019 is proof that SpaceX cannot be trusted with this biologically and ecologically sensitive area. In fact, Musk is quoted as telling the press, "We've got a lot of land with nobody around, so if it blows up, it's cool."

It is important to recognize the difference between The Falcon 9 and the Starship, because these two vehicles bear no resemblance to each other.

The Falcon9 with a Dragon capsule or fairing stands up to 70 meters tall.

The StarShip, atop its superheavy booster stands 120 meters tall

The Falcon 9 requires a combined propellant load of RP1 refined kerosene and LOX totalling 500 tons, firing 9 proven Merlin engines at launch

The StarShip Super Heavy combined vehicle requires 4600 tons of liquid methane and LOX, firing up to 37 unproven Raptor engines at launch, as per SpaceXs submitted documents.

The RP1 propellant used by Falcon9 is more stable at room temperature, stored at 20 degrees celsius and presents less of an explosion hazard than liquid methane which has to be kept stored at -161 Celsius as a cryogenic fuel. This is what happens when one of those tanks ruptures.

The Falcon 9 has a noise rating of 131.4 db inside the fairing, a result up the 1.7 million pounds of thrust it produces.

The Saturn V was measured at up to 220dB at the launch site, a result of the 7.6 million pounds of thrust it produces.

And the SuperHeavy booster is expected to produce twice the power of a Saturn V with over 16 million pounds of thrust, potentially doubling the volume of the SaturnV vehicle at Launch.

Decibels are measured on a logarithmic scale. For every 10 decibels, you are measuring double the energy being produced by this device. Let's call the volume of the Falcon 9 130db, rounded down. At 140 it is double that volume. At 150 it has quadrupled. 160, factor of 8. 170, factor of 16. 180, factor of 32. 190, factor of 64. 200, factor of 128. 210, factor of 256. Making the Saturn V at 220db 512x louder than then Falcon 9. And since the SuperHeavy booster promises double the thrust, we should expect it to be up to twice as loud as the Saturn V, making it 1024x louder than a Falcon 9.

This level of energy isn't experienced as noise. Above 194dB sound is converted into a shock wave, and that shock wave will kill every living thing in the direct vicinity of the launch pad, and blast the eardrums out of every creature until that shock wave drops below 140dB. The destruction of hearing is often a fatal injury for animals.

The Falcon9, at 131.4db was below the permanent hearing damage threshold. The SuperHeavy at a possible 230dB would be 1000x times greater.

So, the entire Appendix B of this document regarding the effects of noise, referred to throughout this document, is sheer, unmitigated nonsense, since they use 150dB as the SPL in the immediate area of the launch site on their diagrams on Page 11 of Appendix B.

KBR has embarrassed themselves in this assessment by ignoring such obvious historical parallels using other known launch platforms ie: the Saturn V and Space Shuttle launches.

Assuming their modelling is correct, and their numbers were just low we can swap out the 150 they used with the known 220db of a SaturnV launch and show that South Padre Island can expect to be blasted with 180-190 dBs of sonic energy. And every living thing in the Boca Chica area will be deafened or destroyed.

These are demonstrable facts.

So, too, is the destructive potential of the StarShip and SuperHeavy booster.

In 2016, a Falcon9 such as the one Musk said would be launching from Boca Chica exploded on pad SLC40 at Cape Canaveral during propellant loading - meaning, this vehicle was not yet filled. Yet, this explosion was felt several miles away and destroyed SLC40, taking almost a year to rebuild.

If this vehicle had been fully fuelled, it would have contained only 10% of a combined StarShip/SuperHeavy stack. It was not fully fuelled.

In 1969, the Soviet Union launched a series of rockets known as N1s. N1-L5 was the second such launch, and it crashed on the launch pad after clearing the tower. That explosion was measured in kilotons, estimates ranging from one to seven kilotons. It decimated the launch complex and surrounding area, throwing debris ten kilometres from the site and raining burning fuel for half an hour.

N1 was fuelled using RP1 and LOX, with a total load of propellant around 2300 tons.

StarShip atop SuperHeavy carries twice this amount of methane and LOX, total of 4600 tons.

Meaning, a loss of vehicle on the Boca Chica pad will be even larger with a greater degree of damage than the N1 catastrophe.

At Cape Canaveral's Launch Pad 39A, where the Space Shuttle launched from, the closest civilian homes are 20 kilometres away in Titusville.

At SpaceXs launch complex, the closest civilian homes are the remaining citizens of Boca Chica Village, only 2.4 kilometres away.

The larger communities of Port Isabel and South Padre Island are only 8kms away.

Populated areas of Mexico are about 12 kms away.

And the Rio Grande, which acts at the Mexican/US border in this area, is only 4kms away.

If operations at Boca Chica were being conducted with the same safeguards as the distance between Titusville and pad 39A, THIS is what that safety radius would look like, extending well into Mexico.

Just out of curiosity, has anybody bothered to ask Mexico what they think about ICBMs being launched two miles from their territory? What agreements are in place with Mexico with regards to this launch site? What happens if one of these rockets lands in Mexico?

And while we are on the topic of location, has it occurred to the FAA that if Musk's intention is to launch orbital rockets from this site, that the site is quite possibly the most ridiculous location imaginable? From Cape Canaveral, launches can take off in a wide swing of azimuths, but from Boca Chica the corridors available for launches are extremely limited.

When this process began, you gave Musk what he wanted based on what he promised and he took ten times more. If the FAA continues down this path, he will never stop taking more than you agree to. In fact, despite the plans he outlines in this report bearing his company's name, these are not his end goals by any stretch of the imagination.

This PEA submitted by SpaceX shows the next level of expansion he intends to pursue - doubling the size of the current launch facility. AND, he intends to build a five acre natural gas plant to power this expansion, complete with chimneys 150 ft tall. But he won't stop there.

In April 2021, the Dallas Morning News questioned whether or not Musk could create his own city, which went hand in hand with Musk sending out a general hiring call for people to move to StarBase USA, as he now calls the area.

In June 2021, Texas Monthly declared Elon Musk is turning Boca Chica into a space-travel hub.

This is NOT what was proposed in 2012. If it had been, it would have been shot down immediately. But Musk has snuck in under your noses and created this situation that you have not halted, and now you need to step up and shut it down before it gets any further out of hand.

You, the FAA, began conducting this new environmental assessment a year ago, announced on November 23 of 2020. You, the FAA, began taking public input on this topic at that time.

Yet, since then:

You have breached your own EIS and agreements with SpaceX by authorizing StarShip launches known as 'hops' for reasons unknown with no safety assurances from SpaceX.

On December 8th, 2020, the FAA authorized the hop of SN8. This vehicle exploded on impact while landing.

Despite SpaceX breaching their license with the FAA with the SN8 launch, and despite Musk attacking you on Twitter for holding up their 'progress', and despite Musk fuelling up the SN9 craft in defiance of a do not fly order while you conducted 'an investigation', the FAA then went on to authorize the launch of SN9 on February 2, 2021. This craft also exploded on impact while landing.

A month later, on March 3rd, you authorized SN10 to hop. This machine exploded 8 minutes after a hard landing.

The same month, SN11 launched with your misguided approval, through an impossibly foggy morning that should have grounded all craft. That machine never even made back to Earth in one piece, and contaminated many square kilometres of the protected sanctuaries surrounding the Boca Chica area, spreading fields of stainless steel shrapnel across the landscape due to a mid-air explosion. Debris was flung 8 kilometres away from that explosion.

THIS ALL HAPPENED WHILE YOUR NEW EIS ASSESSMENT WAS TAKING PLACE.

Now, without FAA authorization and in defiance of warning letters from your office, Musk continues to build a 480ft/145m tall launch tower on the very edge of their launch site, right next to the fence. Media reports you, the FAA, telling Musk he is building this structure at their own risk, but Musk has in sheer defiance your warnings continued to build - right at the very edge of the complex.

In fact, it is reported that Musk lied to your federal agency about this tower in May of 2021, declaring an environmental review was not necessary because this tower was not meant for launches and that they are only going to use it as an "integration tower for production, research and development purposes and not for FAA-licensed or -permitted launches."

Meanwhile Musk and his company president Gwynne Shotwell were both telling SpaceX fans, employees and investors in June of 2021 that Musk was planning to launch the first orbital StarShip in July of 21, landing in the waters off Hawaii.

That launch would have required a tower.

There is no other launch tower on the Boca Chica site.

Musk lied.

Shotwell lied.

And now SpaceX is installing arms on that same tower to catch the super heavy booster when it comes back to land - which is another unproven and highly dangerous maneuver not covered in the 2014 FAA EIS.

In your original EIS from 2013/2014 there were no re-landings of craft at this site. Boosters from falcon 9 were to be dumped in the Atlantic or recovered from landing barges - not landing back at this site and creating a second chance for a loss of vehicle with catastrophic effect.

These actions and changes of paradigm prove that no matter what conditions you place on Musk and SpaceX after reviewing this new draft programmatic environmental assessment, Musk will continue to do as he pleases until somebody eventually is forced to shut the entire complex down.

In addition to the May 2014 Final EIS, there have been a number of WRs, or written re-evaluations. The FAA website summarizes that the contents of the 2014 EIS remain current and substantially valid - despite the fact the vehicle at the centre of this development is nine times larger, 1000x louder, and twice the height and width of the vehicle at the centre of the 2014 assessment while ignoring the sprawling industrial complex eating up real estate two kilometres away.

In short, these written re-evaluations are pure nonsense, and the authors of those papers were in serious denial about the changes being made to the launch vehicle systems and the supporting infrastructure.

And now, we are going to dive into a section of the PEA submitted by SpaceX, where Musk outlines the new infrastructure he intends to build to service his grand vision.

There are several points we need to elaborate upon:

The proposed expansion of the Boca Chica launch complex pictured on page 28, expanding it to more than twice the size it currently is, which is already far larger than what Musk originally proposed for this area. This is cause for great concern, extending and backfilling further and further out into the salt plains and marshlands. Orbital Launch Mount B at the 5 o'clock position is once again right at the very edge of the facility. At no other facility in Vandenberg or at Cape Canaveral is a launch platform constructed in such a way. Launch towers are located at the centre of a well-cleared, normally circular complex, giving a much-needed buffer between launch blast zones and the perimeter of the site.

Page 32, article 2.1.4.7 describes a proposed 5.4acre, 250 megawatt natural-gas-powered power station with structures standing 150 feet, 50m tall is of even greater concern. If such a facility was located at the intersection of Eichorn Blvd and State Hwy 4, this would be the massive footprint required for this facility. And this is just for the power plant. Additional infrastructure being introduced in this paper include an expansion of the solar farm to double its size, a natural gas pretreatment facility, liquefier, and desalination plant - as listed quietly on page 9.

A twitter personality known as ESG Hound who is an environmental engineer specializing in compliance has been gracious enough to share these slides demonstrating our points. Such a facility will require a pipeline to feed 50,000,000 cubic feet of natural gas to it daily. Constructing that pipeline across these tidal wetlands will be devastating to them. To obtain 50 million cubic feet of natural gas daily, this will require the output of 300 new wells, and all the associated energy required to drill and operate those wells.

Those wells, according to ESG Hound, will be located at least 70 miles away from Boca Chica, because that's where the nearest natural gas producing fields are. This is backed up by this map from the Texas Commission on Environmental Quality. On this map each red dot is a gas well, each blue dot is an oil well. This power plant will require the output from 300 more red dots.

Additionally, if they are processing the gas on this site, there will be byproducts from that refinement that will need to be disposed of and carted away. Using SpaceXs 250megawatt station as the starting point, ESG Hound uses their numbers to determine such a facility would require a non-stop array of tanker trucks to haul away 1.2 million gallons of waste water, 6 million gallons of condensate, and 105 million pounds of gas co-product annually from processing field gas into the refined gas used by the power plant.

And this, in no way shape or form, addresses the fuel requirements for these launch vehicles. This is just for the power plant that will be running 24/7, every day of the year. As will all the support facilities for this power plant.

CONCLUSION:

In 2014, the FAA believed they were authorizing a single launch complex, for a small rocket system that was endorsed by and created for NASA, that would launch monthly resupply and crew missions for the ISS, on weekdays between 7am and 7pm according to Texas state law.

What you've allowed Musk to build in Boca Chica though non-intervention, without county, state or federal authorization, is his own private community, industrial rocket complex, private destructive testing range that pollutes protected sanctuaries, and multi-pad launch site for a completely different vehicle more akin to an ICBM that is unproven, a thousand times louder, with ten times the amount of explosive potential than the machine he promised - one that is a threat to everyone and everything in the area even if it doesn't explode.

To recap some bullet points:

Musk told federal and state authorities this site would become a single, typical launch platform similar to Cape Canaveral launch pads.

He lied.

This facility has become Musk's own personal destructive rocket testing range and 24/7 industrial manufacturing facility.

Musk told federal and state authorities this site would be used to launch variations of Falcon in support of the ISS.

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Neither the Falcon, Falcon 9, nor Falcon Heavy have ever launched from Boca Chica, nor are there any plans to do so.

Musk told federal and state these operations would take place from 7am to 7pm from Monday to Friday, not on weekends or on holidays.

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He has conducted tests at all hours of the day and night, and the manufacturing facility runs 24/7.

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And, they are being charged with impersonating law enforcement as a result.

Musk constructed a 50-storey launch tower without FAA authorization.

You told him to stop.

He didn't.

In fact, he told you in writing this wasn't even a launch tower.

He lied, and he is daring you to tell him to remove it.

That is the pattern of Elon Musk. He lies. He takes. He forces his way in. And he challenges you to oppose him because if you do, "you're against him and his mission to save humanity." Which is all nonsense.

You have the authority to stop this in its tracks and make Musk honour the original agreements.

Let's reword that. You have the obligation to stop this in its tracks and make Musk honour the original agreements.

You are, in fact, bound by your office's mandate to enforce these laws and shut down Boca Chica operations for non-compliance, to remove all unauthorized structures, and demand this site be returned to its natural state at Musk's expense.

You, the FAA do not get to pick and choose which laws signatory parties have to obey based on their celebrity status. By doing so, you become complicit in the disasters to come, and they will eventually include human fatalities.

From the FAA website:

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To reach the next level of safety and efficiency and to demonstrate global leadership in how we safely integrate new users and technologies into our aviation system.”

By ignoring your own declared mantra you are failing the residents, wildlife and populated areas around Boca Chica, allowing an eccentric billionaire with a terrible environmental and operational record to continue to operate in defiance of your orders, in breach of your agreements, in violation of state and federal laws, who will embarrass you through his 60 million twitter followers if he doesn't get his way.

This document is an environmental assessment. The only conclusion the FAA can reach with regards to its contents is that there is no environmental benefit associated with this proposal, and if it is allowed to proceed will irreparably further harm the delicate unique ecosystems of Boca Chica.

Accordingly, as a federal agency entrusted with the public good, the FAA must reject this proposal.

We expect you to do your duty.

Sincerely,

The Common Sense Skeptic And YouTube Community.

[Sent from Yahoo Mail on Android](#)

From: maria mincu <[REDACTED]>
Sent: Tuesday, October 19, 2021 3:15 PM
To: SpaceXBocaChica
Subject: This truly needs to stop now, the devastating effects will be irreversible

If there is any humanity in you, you will not fail to recognise the evils that will unfold over the innocent endangered species, the locals and our overall planetary environment and you'll make anything in your power to prevent all of this that one self-centered and narrow-minded individual, among others, wish to do in their pursuit to nothingness.

Respectfully, a worried voice

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Re: Draft Environment Assessment of the Boca Chica Operations of SpaceX.

To: Stacey Zee, Environmental Protection Specialist, FAA  
James Repcheck, Manager Safety Authorization Division, FAA

From: The YouTube Channel 'Common Sense Skeptic'

Dated: October 13th, 2021

Re: Transcript of attached video: <https://youtu.be/7bdkcoiFaN0>

To Whom It May Concern,

This is an open letter to the FAA, addressed to Stacey Zee Environmental Protection Specialist, and James Repcheck, Manager Safety Authorization Division, in response to their September 17th 2021 posting on Twitter and the FAA website asking for public input regarding the Draft Programmatic Environmental Assessment of SpaceX StarShip/SuperHeavy launch vehicle Program.

We are writing on behalf of our 31,000-member strong online community - our channel The Common Sense Skeptic has been following the activities of Elon Musk and SpaceX for several years now, and producing video content based largely on Musk's various claims made starting in July of 2020.

We had intended to go through the 150+ page document point-by-point with our concerns, but we note that this document was not created by the FAA. This document was prepared by three environmental engineers who are SpaceX employees, and one employee named Brian Pownell, who is a transportation engineer working for a consulting firm named Kimley Horn & Associates. That firm seems to specialize in large city-scale infrastructure projects rather than anything remotely environmentally friendly.

Upon completion, this document was submitted to Recheck at the FAA for consideration; and, as part of that consideration, your agency is now asking for input on this document outlining SpaceXs continued sprawl across the general Boca Chica area.

To set the tone of this letter, we - our channel, and our online community - are space enthusiasts, but we do not support Elon Musk's unsanctioned, reckless and destructive activities in the Boca Chica area.

Neither should the FAA, because the activities being conducted here do not resemble whatsoever the original intended, declared, permitted purpose of this site.

A bit of history here,

In the beginning, when SpaceX was shopping for launch sites and Texas threw their hat in the ring along with the city of Brownsville, Musk's declared intention was to establish a single launch pad and infrastructure for variations of the Falcon rocket, which was commissioned and endorsed by NASA to service the International Space Station as part of a \$1.6 billion contract. This was how the proposed facility was to be built.

To attract Musk and SpaceX to Brownsville, a list of incentives was presented to Musk, including \$2.3 million from the Texas Enterprise fund, and another \$13 million through the Cameron County Spaceport Development Corp, a private-public business which would quickly be turned against the residents of Boca Chica Village to force them out of their homes on Musk's orders.

As part of this incentive package, Texas also changed state laws to allow Musk to launch one rocket per month, on weekdays between 7am and 7pm, Monday to Friday, excluding holidays. This state law also prevents SpaceX from being sued for noise complaints as a result of those launches - which were supposed to be of Falcon9 or Falcon Heavy launch vehicles.

Since accepting the state's invitation and money, Musk has been operating in the Boca Chica area as if he has absolutely no oversight.

Instead of building a single launch facility similar to SpaceX leases in Cape Canaveral and Vandenberg Space Force Base, Musk has instead constructed a massive industrial complex and launch operations centre in an area that is situated between no less than four separate ecologically important and sensitive areas.

They are Boca Chica State Park, Brazos Island State Park, the Las Palomas Wildlife management area, and Boca Chica Beach. Musk's Launch centre is directly adjacent to every single one of those protected areas.

AND, Musk has built a completely separate industrial manufacturing complex that was never accounted for in any other assessment!

In 2014, your office - the Federal Aviation Administration - released an EIS report commissioned in 2013 to evaluate the impact this launch complex would have on the surrounding environment and wildlife, with special emphasis on federally-protected species. That assessment was conducted using the following parameters:

- A) That the site would be a single launch platform, for
- B) A rocket system known as the Falcon, that was
- C) Launching NASA-endorsed missions in support of the International Space Station.

In fact, it's right there in your cover artwork!

The Falcon rocket, which carries capsules called Dragons (Cargo Dragon, Crew Dragon) is now a proven system - the Falcon being a 70m-tall multi-stage rocket requiring a propellant load of 395 tons in the first stage, and another 92 tons in the second stage, for a total of around 500 tons. According to the SpaceX user's guide for Falcon, the noise rating inside the fairing of the vehicle is 131.4dB.

With those parameters and logistics in mind, the FAA conducted their initial environmental assessment and at the time the FAA indicated concerns surrounding the federally-protected and critically endangered mammal, bird and reptile species, naming the ocelot and jaguarundi; the Aplomado Falcon, piping plovers, and red knots; and the Kemp's Ridley,



hawksbill, leatherback, loggerhead and green sea turtles. They are all named in the December 18, 2013 Final Biological and Conference Opinion Consultation number 02ETCC00-2012-F-0186.

Your final report published in May of 2014 also noted the following state-protected species of flora and fauna in the area, including birds such as:

The White-Faced Ibis  
Texas Botteri's Sparrow  
Sooty Tern

This site is also part of a migration corridor for over 500 species of birds making annual migrations. The Rio Grande Valley Birding festival celebrates this site, and this single event brings in \$463 million to the region each year.

Additional mammals that were listed include:

The West Indian Manatee  
Southern Yellow Bat  
White-Nosed Coati

And, the following reptiles were noted:

Sheep Frog  
Black-Striped Snake  
Northern Cat-Eyed Snake  
Speckled Racer  
Texas Indigo Snake  
Texas scarlet snake  
Texas Horned Lizard  
Texas Tortoise  
Black-Spotted Newt  
Mexican Tree Frog  
South Texas Siren  
And the White-Lipped Frog

There are also three types of plants on the state and federal endangered list that were noted:

South Texas Ambrosia  
Texas Ayenia, and  
The Star Cactus.

Both of these papers were drawn up using the parameters of the Falcon launch systems, which would be landing their boosters either in the Atlantic Ocean or on barges for recovery. Not on site. There is no 're-landing pad' in the original diagrams.

But Musk isn't launching Falcons into orbit from this site. He's destructively testing a much bigger, unproven launch vehicle that is more powerful, more destructive and far louder than the vehicle this site was considered for.

And there is absolutely no chance the above-noted endangered creatures and plant-life are not being adversely affected by the SpaceX expansionist and testing activities happening at Boca Chica.

The 100-acre wildfire caused by Musk at this site in 2019 is proof that SpaceX cannot be trusted with this biologically and ecologically sensitive area. In fact, Musk is quoted as telling the press, “We’ve got a lot of land with nobody around, so if it blows up, it’s cool.”

It is important to recognize the difference between The Falcon 9 and the Starship, because these two vehicles bear no resemblance to each other.

The Falcon9 with a Dragon capsule or fairing stands up to 70 meters tall.

The StarShip, atop its superheavy booster stands 120 meters tall

The Falcon 9 requires a combined propellant load of RP1 refined kerosene and LOX totalling 500 tons, firing 9 proven Merlin engines at launch

The StarShip Super Heavy combined vehicle requires 4600 tons of liquid methane and LOX, firing up to 37 unproven Raptor engines at launch, as per SpaceXs submitted documents.

The RP1 propellant used by Falcon9 is more stable at room temperature, stored at 20 degrees celsius and presents less of an explosion hazard than liquid methane which has to be kept stored at -161 Celsius as a cryogenic fuel. This is what happens when one of those tanks ruptures.

The Falcon 9 has a noise rating of 131.4 db inside the fairing, a result up the 1.7 million pounds of thrust it produces.

The Saturn V was measured at up to 220dB at the launch site, a result of the 7.6 million pounds of thrust it produces.

And the SuperHeavy booster is expected to produce twice the power of a Saturn V with over 16 million pounds of thrust, potentially doubling the volume of the SaturnV vehicle at Launch.

Decibels are measured on a logarithmic scale. For every 10 decibels, you are measuring double the energy being produced by this device. Let’s call the volume of the Falcon 9 130db, rounded down. At 140 it is double that volume. At 150 it has quadrupled. 160, factor of 8. 170, factor of 16. 180, factor of 32. 190, factor of 64. 200, factor of 128. 210, factor of 256. Making the Saturn V at 220db 512x louder than then Falcon 9. And since the SuperHeavy booster promises double the thrust, we should expect it to be up to twice as loud as the Saturn V, making it 1024x louder than a Falcon 9.

This level of energy isn’t experienced as noise. Above 194dB sound is converted into a shock wave, and that shock wave will kill every living thing in the direct vicinity of the launch pad, and blast the eardrums out of every creature until that shock wave drops below 140dB. The destruction of hearing is often a fatal injury for animals.

The Falcon9, at 131.4db was below the permanent hearing damage threshold. The SuperHeavy at a possible 230dB would be 1000x times greater.

So, the entire Appendix B of this document regarding the effects of noise, referred to throughout this document, is sheer, unmitigated nonsense, since they use 150dB as the SPL in the immediate area of the launch site on their diagrams on Page 11 of Appendix B.

KBR has embarrassed themselves in this assessment by ignoring such obvious historical parallels using other known launch platforms ie: the Saturn V and Space Shuttle launches.

Assuming their modelling is correct, and their numbers were just low we can swap out the 150 they used with the known 220db of a SaturnV launch and show that South Padre Island can expect to be blasted with 180-190 dBs of sonic energy. And every living thing in the Boca Chica area will be deafened or destroyed.

These are demonstrable facts.

So, too, is the destructive potential of the StarShip and SuperHeavy booster.

In 2016, a Falcon9 such as the one Musk said would be launching from Boca Chica exploded on pad SLC40 at Cape Canaveral during propellant loading - meaning, this vehicle was not yet filled. Yet, this explosion was felt several miles away and destroyed SLC40, taking almost a year to rebuild.

If this vehicle had been fully fuelled, it would have contained only 10% of a combined StarShip/SuperHeavy stack. It was not fully fuelled.

In 1969, the Soviet Union launched a series of rockets known as N1s. N1-L5 was the second such launch, and it crashed on the launch pad after clearing the tower. That explosion was measured in kilotons, estimates ranging from one to seven kilotons. It decimated the launch complex and surrounding area, throwing debris ten kilometres from the site and raining burning fuel for half an hour.

N1 was fuelled using RP1 and LOX, with a total load of propellant around 2300 tons.

StarShip atop SuperHeavy carries twice this amount of methane and LOX, total of 4600 tons.

Meaning, a loss of vehicle on the Boca Chica pad will be even larger with a greater degree of damage than the N1 catastrophe.

At Cape Canaveral's Launch Pad 39A, where the Space Shuttle launched from, the closest civilian homes are 20 kilometres away in Titusville.

At SpaceXs launch complex, the closest civilian homes are the remaining citizens of Boca Chica Village, only 2.4 kilometres away.

The larger communities of Port Isabel and South Padre Island are only 8kms away.

Populated areas of Mexico are about 12 kms away.

And the Rio Grande, which acts at the Mexican/US border in this area, is only 4kms away.

If operations at Boca Chica were being conducted with the same safeguards as the distance between Titusville and pad 39A, THIS is what that safety radius would look like, extending well into Mexico.

Just out of curiosity, has anybody bothered to ask Mexico what they think about ICBMs being launched two miles from their territory? What agreements are in place with Mexico with regards to this launch site? What happens if one of these rockets lands in Mexico?

And while we are on the topic of location, has it occurred to the FAA that if Musk's intention is to launch orbital rockets from this site, that the site is quite possibly the most ridiculous location imaginable? From Cape Canaveral, launches can take off in a wide swing of azimuths, but from Boca Chica the corridors available for launches are extremely limited.

When this process began, you gave Musk what he wanted based on what he promised and he took ten times more. If the FAA continues down this path, he will never stop taking more than you agree to. In fact, despite the plans he outlines in this report bearing his company's name, these are not his end goals by any stretch of the imagination.

This PEA submitted by SpaceX shows the next level of expansion he intends to pursue - doubling the size of the current launch facility. AND, he intends to build a five acre natural gas plant to power this expansion, complete with chimneys 150 ft tall. But he won't stop there.

In April 2021, the Dallas Morning News questioned whether or not Musk could create his own city, which went hand in hand with Musk sending out a general hiring call for people to move to StarBase USA, as he now calls the area.

In June 2021, Texas Monthly declared Elon Musk is turning Boca Chica into a space-travel hub.

This is NOT what was proposed in 2012. If it had been, it would have been shot down immediately. But Musk has snuck in under your noses and created this situation that you have not halted, and now you need to step up and shut it down before it gets any further out of hand.

You, the FAA, began conducting this new environmental assessment a year ago, announced on November 23 of 2020. You, the FAA, began taking public input on this topic at that time.

Yet, since then:

You have breached your own EIS and agreements with SpaceX by authorizing StarShip launches known as 'hops' for reasons unknown with no safety assurances from SpaceX.

On December 8th, 2020, the FAA authorized the hop of SN8. This vehicle exploded on impact while landing.

Despite SpaceX breaching their license with the FAA with the SN8 launch, and despite Musk attacking you on Twitter for holding up their 'progress', and despite Musk fuelling up the SN9 craft in defiance of a do not fly order while you conducted 'an investigation', the FAA then went on to authorize the launch of SN9 on February 2, 2021. This craft also exploded on impact while landing.

A month later, on March 3rd, you authorized SN10 to hop. This machine exploded 8 minutes after a hard landing.

The same month, SN11 launched with your misguided approval, through an impossibly foggy morning that should have grounded all craft. That machine never even made back to Earth in one piece, and contaminated many square kilometres of the protected sanctuaries surrounding the Boca Chica area, spreading fields of stainless steel shrapnel across the landscape due to a mid-air explosion. Debris was flung 8 kilometres away from that explosion.

THIS ALL HAPPENED WHILE YOUR NEW EIS ASSESSMENT WAS TAKING PLACE.

Now, without FAA authorization and in defiance of warning letters from your office, Musk continues to build a 480ft/145m tall launch tower on the very edge of their launch site, right next to the fence. Media reports you, the FAA, telling Musk he is building this structure at their own risk, but Musk has in sheer defiance your warnings continued to build - right at the very edge of the complex.

In fact, it is reported that Musk lied to your federal agency about this tower in May of 2021, declaring an environmental review was not necessary because this tower was not meant for launches and that they are only going to use it as an "integration tower for production, research and development purposes and not for FAA-licensed or -permitted launches."

Meanwhile Musk and his company president Gwynne Shotwell were both telling SpaceX fans, employees and investors in June of 2021 that Musk was planning to launch the first orbital StarShip in July of 21, landing in the waters off Hawaii.

That launch would have required a tower.

There is no other launch tower on the Boca Chica site.

Musk lied.

Shotwell lied.

And now SpaceX is installing arms on that same tower to catch the super heavy booster when it comes back to land - which is another unproven and highly dangerous maneuver not covered in the 2014 FAA EIS.

In your original EIS from 2013/2014 there were no re-landings of craft at this site. Boosters from falcon 9 were to be dumped in the Atlantic or recovered from landing barges - not landing back at this site and creating a second chance for a loss of vehicle with catastrophic effect.

These actions and changes of paradigm prove that no matter what conditions you place on Musk and SpaceX after reviewing this new draft programmatic environmental assessment, Musk will continue to do as he pleases until somebody eventually is forced to shut the entire complex down.

In addition to the May 2014 Final EIS, there have been a number of WRs, or written re-evaluations. The FAA website summarizes that the contents of the 2014 EIS remain current and substantially valid - despite the fact the vehicle at the centre of this development is nine times larger, 1000x louder, and twice the height and width of the vehicle at the centre of the 2014 assessment while ignoring the sprawling industrial complex eating up real estate two kilometres away.

In short, these written re-evaluations are pure nonsense, and the authors of those papers were in serious denial about the changes being made to the launch vehicle systems and the supporting infrastructure.

And now, we are going to dive into a section of the PEA submitted by SpaceX, where Musk outlines the new infrastructure he intends to build to service his grand vision.

There are several points we need to elaborate upon:

The proposed expansion of the Boca Chica launch complex pictured on page 28, expanding it to more than twice the size it currently is, which is already far larger than what Musk originally proposed for this area. This is cause for great concern, extending and backfilling further and further out into the salt plains and marshlands. Orbital Launch Mount B at the 5 o'clock position is once again right at the very edge of the facility. At no other facility in Vandenberg or at Cape Canaveral is a launch platform constructed in such a way. Launch towers are located at the centre of a well-cleared, normally circular complex, giving a much-needed buffer between launch blast zones and the perimeter of the site.

Page 32, article 2.1.4.7 describes a proposed 5.4acre, 250 megawatt natural-gas-powered power station with structures standing 150 feet, 50m tall is of even greater concern. If such a facility was located at the intersection of Eichorn Blvd and State Hwy 4, this would be the massive footprint required for this facility. And this is just for the power plant. Additional infrastructure being introduced in this paper include an expansion of the solar farm to double its size, a natural gas pretreatment facility, liquefier, and desalination plant - as listed quietly on page 9.

A twitter personality known as ESG Hound who is an environmental engineer specializing in compliance has been gracious enough to share these slides demonstrating our points. Such a facility will require a pipeline to feed 50,000,000 cubic feet of natural gas to it daily. Constructing that pipeline across these tidal wetlands will be devastating to them. To obtain 50 million cubic feet of natural gas daily, this will require the output of 300 new wells, and all the associated energy required to drill and operate those wells.

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#### CONCLUSION:

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He has conducted tests at all hours of the day and night, and the manufacturing facility runs 24/7.

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Let’s reword that. You have the obligation to stop this in its tracks and make Musk honour the original agreements.

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By ignoring your own declared mantra you are failing the residents, wildlife and populated areas around Boca Chica, allowing an eccentric billionaire with a terrible environmental and operational record to continue to operate in defiance of your orders, in breach of your agreements, in violation of state and federal laws, who will embarrass you through his 60 million twitter followers if he doesn’t get his way.

This document is an environmental assessment. The only conclusion the FAA can reach with regards to its contents is that there is no environmental benefit associated with this proposal, and if it is allowed to proceed will irreparably further harm the delicate unique ecosystems of Boca Chica.

Accordingly, as a federal agency entrusted with the public good, the FAA must reject this proposal.

We expect you to do your duty.

Sincerely,

The Common Sense Skeptic And YouTube Community.

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**From:** irma andrade <[REDACTED]>  
**Sent:** Tuesday, October 19, 2021 10:24 AM  
**To:** SpaceXBocaChica

My name is \_Irma Andrade\_\_\_\_. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

**Irma Andrade**

Sent from my iPhone



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**From:** Diana Gomez <[REDACTED]>  
**Sent:** Tuesday, October 19, 2021 12:42 PM  
**To:** SpaceXBocaChica

**Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application**

My name is Dianira Gomez\_ I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

**NAME**  
Dianira Gomez

Diana Gomez  
**Core Construction of RGV LLC**



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**From:** Larry Reed <[REDACTED]>  
**Sent:** Tuesday, October 19, 2021 5:58 PM  
**To:** SpaceXBocaChica  
**Subject:** Watch "paintings and photo's by Lawrence R Reed Rydzewski 2011." on YouTube

<https://youtu.be/8Q63t6k6mu0>

Hello King Elon Musk the Great. Yes I coined you that name, why? Because all you do for our world,  
Thank you..

Hey my friend here is one of my art collections I believe you will like, I put music to this one. Respectfully yours Larry  
Reed and

Lawrence R Reed Rydzewski artist and USMC VETERAN..

I believe you can do all.

---

**From:** Kenneth Saxon <[REDACTED]>  
**Sent:** Monday, October 18, 2021 9:16 PM  
**To:** SpaceXBocaChica  
**Subject:** written comment -- FAA-hosted SpaceX Starship/Super Heavy Launch Vehicle Program at SpaceX Boca Chica Launch Site

To Whom It May Concern:

An Environmental Impact Statement (EIS) is necessary and should be mandatory for this project. It will reveal that the cumulative effects of the project are grave and noxious to humans, wildlife and infrastructure. This is not NASA. These people do not mind blowing things and people up.

Cumulative impacts include but are not limited to LNG and crude oil handling. SpaceX is not a good actor and is an unreliable narrator of their own story. They are hiding the truth and in fact, they are openly trying to intimidate the FAA and others.

They are leaving out many details of the project, including a power plant, natural gas pretreatment system, and liquefier, desalination plant and solar farm. They are treating the people, the environment and the rare and special habitats around their facility like a resource that they own and can spend without penalty, payment or consequences.

They are not providing environmental and wildlife mitigation because they can not mitigate for what they are doing. This is a wantonly destructive project.

97% of the native habitat of the Rio Grande Valley (RGV) is lost and destroyed. There is no way to balance the needs of SpaceX and their myopic and willful destruction. They have come to destroy what is left of one of the richest habitats on the planet. They act like this is a glass half full situation. They ask people to evenly weigh the balance of their destruction against their glorious plans. There is NO BALANCE! THIS ENVIRONMENT HAS BEEN RAVAGED. It is already almost entirely destroyed. SpaceX has no right to be the exterminator of the last 3% of the native of habitat of the RGV. They have no right to even ask.

Kenneth Saxon

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**From:** Mark Finch <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 11:20 AM  
**To:** SpaceXBocaChica  
**Subject:** Allow SpaceX Boca Chica Launches

Allow SpaceX Boca Chica Launches! I support allowing SpaceX to launch regularly even several a day. Boca Chica is a perfect spot for launching from American Soil.

I lived in Texas several times in my grade school years. I've been to Boca Chica and have family photos there. It looked like a trash dump. I go as far as suggesting putting SpaceX in charge of the beach and surrounding park land to administer on the condition that they are stewards of the land. I believe that SpaceX would do a better job than the parks service has done over the many decades of inept stewardship. It makes plenty of sense.

Elon Musk has acted honorably and that bothers the old power elite. He has led America to the front of technology again after we have lost so much of the leading edge to other adversarial nations. Much of that loss due to that old guard that cared more for what they could rob the taxpayers than actually build for the taxpayer. Don't let the old power elites rob us of our future.

I want the FAA to show wise governance in helping SpaceX develop our shared Interstellar Future. Not a simple carte blanche but be our representatives in wisely helping assist companies like SpaceX to reach the stars.

Thank you for assisting SpaceX,

Mark

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**From:** Donna Hoffman <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 3:43 PM  
**To:** SpaceXBocaChica  
**Subject:** Block Space X - terrible project - inhumane

Hello. I'm a registered speaker but I'm not available to speak tonight.

I am absolutely opposed to this project. I am asking you to reject this permit.

It would spew terrible fuel waste over the people and wildlife of the region and debris would fall possibly injuring people or wildlife. This project is just the start of a megalomaniac's idea of the future. This buhzillionaire wants to industrialize the entire Lower Rio Grande Valley Region to make money for himself. What a pig.

Face it.

And Don't allow it.

It offers no future to the people and wildlife of this beautiful Texas Valley border region and the location of several important bird areas and the Atascosa National Wildlife Refuge.

Stop this hideous project.

We need to put the money on human needs and a just recovery from climate and industrial impacts and an equitable transition to renewable energy and sustainable equity and not waste it on this project that would devastate the region and exacerbate climate change.

Stop the ridiculous Space X.

EX it.

Thank you.

Sincerely,  
Donna Hoffman

\* \* \* \* \*

**Donna Hoffman**

[REDACTED]

*May all beings be happy and free, and may the thoughts, words, and actions of my own life contribute in some way to that happiness and to that freedom for all.*

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**From:** Tom <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 5:47 AM  
**To:** SpaceXBocaChica  
**Subject:** Boca comment

As a US citizen I support all efforts by SpaceX at boca chica Texas  
Demands for an environmental review are unfounded and not issued in good faith.  
The American people desire and support this progress.  
We must have super heavy lift capabilities to advance as a species. The earth cannot support us forever.

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**From:** Julie Rogers ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 11:29 AM  
**To:** SpaceXBocaChica  
**Subject:** Comment for Programmatic EA on Starship/Super Heavy launch operations

Dear Federal Aviation Administration,

I live on the third coast and don't want it ruined. This could harm the environment, animals and people. The seashore belongs to the people not SpaceX. We are supposed to take care of our land and water.

I urge the FAA to conduct a new EIS for the SpaceX Starship/Super Heavy operations currently underway at SpaceX's Boca Chica site. From the 2014 FEIS, the objective, launch vehicle, and the size and scope is entirely different, which potentially may include off-shore launches via Super Heavy-class spaceports, Super Heavy re-landing on the launch stand, simultaneous launches, and a resort.

FAA should consider not just the "proposed project" and "no action" alternatives, but also other alternatives that include launches of Starship from an offshore platform or moving Starship launches to Cape Canaveral, for which the necessary infrastructure already exists and is situated further away from National Wildlife Refuges and/or state park land.

A new cumulative analysis needs to be conducted. A 3rd-party launch failure analysis is needed due to the proximity of Port Isabel, Long Island Village and potentially three LNG export terminals within five miles of the launch site. Additionally, an analysis of the potential impacts to the proposed Jupiter LLC project, a crude upgrading, processing and export facility which includes an offshore VLCC loading facility six miles offshore.

A new biological opinion is needed. The Starship is much larger, there will be more testing, more beach closures, and more traffic where endangered wildlife is present. More closures of Boca Chica beach will result in increased inaccessibility to monitoring of endangered sea turtle nesting sites.

Additionally, I request the FAA enforce and/or hold SpaceX accountable to their required mitigation.

Sincerely,

Julie Rogers  
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]



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**From:** Deborah McCoy ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 11:49 AM  
**To:** SpaceXBocaChica  
**Subject:** Comment for Programmatic EA on Starship/Super Heavy launch operations

Dear Federal Aviation Administration,

SpaceX needs to follow the requirements and wait for approval. The area is a very fragile eco system and has to be protected from destruction.

They close the Beach all the time

And violate the open beaches act.

I think space exploration is a good thing just not at Boca Chica Beach Tx. The planet's are not going to house any animal life form. I don't feel like we should destroy a beautiful and rare natural wildlife ecosystem so billionaires can have a race to space. I'm also concerned about the impact this will have on our schools, homes, and business with the impact of the launching. We in Laguna Madre have felt the vibration with each launch. The one in question will be so much more power it needs more research before launching.

I urge the FAA to conduct a new EIS for the SpaceX Starship/Super Heavy operations currently underway at SpaceX's Boca Chica site. From the 2014 FEIS, the objective, launch vehicle, and the size and scope is entirely different, which potentially may include off-shore launches via Super Heavy-class spaceports, Super Heavy re-landing on the launch stand, simultaneous launches, and a resort.

FAA should consider not just the "proposed project" and "no action" alternatives, but also other alternatives that include launches of Starship from an offshore platform or moving Starship launches to Cape Canaveral, for which the necessary infrastructure already exists and is situated further away from National Wildlife Refuges and/or state park land.

A new cumulative analysis needs to be conducted. A 3rd-party launch failure analysis is needed due to the proximity of Port Isabel, Long Island Village and potentially three LNG export terminals within five miles of the launch site. Additionally, an analysis of the potential impacts to the proposed Jupiter LLC project, a crude upgrading, processing and export facility which includes an offshore VLCC loading facility six miles offshore.

A new biological opinion is needed. The Starship is much larger, there will be more testing, more beach closures, and more traffic where endangered wildlife is present. More closures of Boca Chica beach will result in increased inaccessibility to monitoring of endangered sea turtle nesting sites.

Additionally, I request the FAA enforce and/or hold SpaceX accountable to their required mitigation.

Sincerely,

Deborah McCoy  
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

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**From:** Diana Umpierre ( [REDACTED] ) Sent You a Personal Message  
< [REDACTED] >  
**Sent:** Tuesday, October 19, 2021 10:02 PM  
**To:** SpaceXBocaChica  
**Subject:** Comment for Programmatic EA on Starship/Super Heavy launch operations

Dear Federal Aviation Administration,

I urge the FAA to conduct a new EIS for the SpaceX Starship/Super Heavy operations currently underway at SpaceX's Boca Chica site. From the 2014 FEIS, the objective, launch vehicle, and the size and scope is entirely different, which potentially may include off-shore launches via Super Heavy-class spaceports, Super Heavy re-landing on the launch stand, simultaneous launches, and a resort.

FAA should consider not just the "proposed project" and "no action" alternatives, but also other alternatives that include launches of Starship from an offshore platform or moving Starship launches to Cape Canaveral, for which the necessary infrastructure already exists and is situated further away from National Wildlife Refuges and/or state park land.

A new cumulative analysis needs to be conducted. A 3rd-party launch failure analysis is needed due to the proximity of Port Isabel, Long Island Village and potentially three LNG export terminals within five miles of the launch site. Additionally, an analysis of the potential impacts to the proposed Jupiter LLC project, a crude upgrading, processing and export facility which includes an offshore VLCC loading facility six miles offshore.

A new biological opinion is needed. The Starship is much larger, there will be more testing, more beach closures, and more traffic where endangered wildlife is present. More closures of Boca Chica beach will result in increased inaccessibility to monitoring of endangered sea turtle nesting sites.

Additionally, I request the FAA enforce and/or hold SpaceX accountable to their required mitigation.

Sincerely,

Diana Umpierre  
[REDACTED]

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

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**From:** Joseph Kusko <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 7:08 PM  
**To:** SpaceXBocaChica  
**Subject:** Comment on SpaceX

Howdy! I am not representing any group. All opinions expressed are mine and mine alone.

I believe that Starship should be allowed to launch from the Boca Chica launch site, and I contend that Starship is a positive good on no fewer than four levels.

First, Starship is good for Brownsville. SpaceX has donated millions of dollars to help the infrastructure and schools of Brownsville. SpaceX has brought at least hundreds of jobs to the area directly, and has doubtless brought in many more indirectly through services required to support the operation and new population. Starship has also brought even more economic development to the area through the tourism generated by Starship and the Boca Chica launch site.

Second, Starship is good for the great state of Texas. In brief, it is a catalyst for growth and provides a way for our state to diversify its economy.

Third, Starship is good for the United States of America. America is currently the world leader in space, but we must not take such leadership for granted. Starship represents the bleeding edge of new technology for use by our civilian agencies, such as NASA, and also our military agencies, such as the National Reconnaissance Office, to protect our nation.

Fourth, Starship is good for the environment. Wallops and Cape Canaveral are both excellent examples of launch sites working well with wildlife, and I believe that the SpaceX site at Boca Chica will be no different. The previous Environmental Impact Statement went into manifold detail and should serve as a lodestar for future guidance. In addition, the reduced cost of sending sensors to space will allow us to better study the Earth's atmosphere and oceans to assess the impact of pollution and potential solutions.

Finally, Starship is good for humanity. In the words of Carl Sagan, all civilizations become either spacefaring or extinct. SpaceX's work on Starship in making humanity a multiplanetary species represents a quantum leap in achieving the prior.

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**From:** Gangireddy Srirami Reddy <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 3:32 PM  
**To:** SpaceXBocaChica  
**Subject:** Comment on SpaceX Starship/Super heavy program

Hello,

It's a nice presentation on FAA process for SpaceX Starship/Super heavy program licensing.

SpaceX Startship program is a great project to minimize the cost of space travel drastically. But at the same time, Earth's environment is very important and we need to protect it. As long as SpaceX mitigates all environmental issues, I am OK to launch Starship/Super Heavy.

Regards,  
Srirami

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**From:** Nathan Darsch <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 7:02 PM  
**To:** SpaceXBocaChica  
**Subject:** Comment on SpaceX

Hello,

My name is Nathan Darsch. I am a college student in Texas and want to make it known that I support the new SpaceX facility and wish for it to be approved as soon as possible. SpaceX projects have been delayed too much already by the FAA, and SpaceX has already shown a desire to better both the environment and humanity on multiple occasions. I tried to make a comment during the virtual meeting but was unable to and noticed that someone else spoke for me. This email should be treated as my is my official comment on the matter.

Thank you,

Nathan Darsch

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**From:** John Frink <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 10:25 AM  
**To:** SpaceXBocaChica  
**Subject:** Comments on the Draft Programmatic Environmental Assessment of SpaceX Starship program

Dear FAA,

I am now a private citizen who has retired from DOD agencies that want starship to succeed and fulfill their needs. NASA and DOD already have contracts to use the developing starship launch capabilities and following successful orbital demonstrations there will be many more. Experimental testing is critical to the rapid development of starship. There will be failures, fixes applied, and further testing until problems are overcome. I want FAA to facilitate SpaceX as much as possible unless extreme, specific and demonstrable safety and environmental concerns are documented.

SpaceX successfully followed this rapid prototyping process in developing Falcon 9 and is now the only USA company successfully launching astronauts to the ISS. Falcon 9 is revolutionizing the launch industry by reusing boosters and substantially reducing cost per kilogram to orbit. They are innovating all aspects of space launch to facilitate human activities in orbit, on the moon and in a few years on Mars. Please do not impede their progress.

SpaceX has demonstrated strong support of the environment and local population and will continue to protect the environment as much as possible. They supported rescue and care of endangered turtles.

I request that the launch cadence FAA allows SpaceX be doubled to allow more rapid development of launch capabilities.

Sincerely,

John Frink  
[REDACTED]

Sent from my iPad

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**From:** Dave Rickert <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 6:50 AM  
**To:** SpaceXBocaChica  
**Subject:** Concerning the Draft PEA:

The FAA and EPA should get out of the way of SpaceX.



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**From:** andrew klatt <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 9:40 AM  
**To:** SpaceXBocaChica  
**Subject:** Endorsement of SpaceX Boca Chica Launch Facility

To whom it may concern:

I am a property owner on South Padre Island Texas. My property lays approximately 9 miles from the Boca Chica SpaceX Launch Site. I have been a property owner on SPI for less than two years, but have been visiting the region regularly for about 20 years.

I have visited the Boca Chica Launch facility numerous time. I have seen the opportunity that it is supplying to economically challenged Brownsville and the area. I have see the area getting international attention. These are fabulous things to encourage growth in the area.

I have seen SpaceX be responsible for the precious ecology of the area. The company always cleans up any debris their activity generates. I have personally participated in cleanups that are generated by folks in town to see launches.

As a property owner, I am not concerned about the effects of noise. The buffer zone seems to be adequate to mitigate this concern. Nor am I concerned about beach closures. Though I do feel SpaceX should work closer with the community to organize these.

In conclusion, this is a fabulous opportunity for the region. I give my full endorsement. Feel free to reach out if you should have any further questions.

Sincerely,

Andrew Klatt  
[REDACTED]

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**From:** Daniel DeVette <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 5:53 PM  
**To:** SpaceXBocaChica  
**Subject:** Environmental Assessment

To whom it may concern,

Based on the data and descriptions in the assessment itself, as well as taking under advisement additional expert opinions, I support SpaceX and their proposed use of Starbase/Boca Chica TX.

For more than a year now I have read and listened to environmentalists as well as supporters of both SpaceX and outer space in general regarding this area. I think it is clear that there is great support for rockets and space exploration. Mankind has always been exploring, and I see SpaceX demonstrating a desire to continue that brave pursuit. In this case, the primary consideration is whether or not this location in Texas is the right place. Some environmentalists have raised a few concerns about this location, however their concerns seem to highlight that this is not an ideal location, but do not seem to demonstrate that this is a bad location.

I would ask the committee to please not discard something "very good" in the pursuit of something "perfect."

Thank you for your consideration,  
Daniel DeVette

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**From:** Thomas Searway <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 8:10 AM  
**To:** SpaceXBocaChica  
**Subject:** Environmental impact.

I would like to express my support of the starship launch program currently under development in Boca Chica. If humanity is going to become a multi planetary species and explore space, I feel like this is a necessary 1st step in achieving this goal. As a middle class working citizen who believes that it is important for young people have a future that is exciting and meaningful I support this endeavor. Just as the space race of the 60s I believe this initiative will create excitement and more importantly jobs for our planet moving forward. Space X fully supports reusability and environmental low impact by developing this system that re-uses rockets. I am not apposed to governmental regulation but feel that it could be focused on other companies that are not seeking to reduce their carbon footprint and impact on the planet. I would like to see Space X and other companies once establish focus on cleaning up the amount of defunct space debris out there already from countries not interested in responsible launches of defunct space debris. I am in full support of Space X and the starship program.

Sent from my iPhone

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**From:** Tim Dodd <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 7:10 PM  
**To:** SpaceXBocaChica  
**Subject:** FAA Boca Chica Launch License

My name is Tim Dodd and I represent myself as a US citizen but also the community I belong to as a part time resident and property owner in the RGV, with my own property only 5 miles from the launch site.

I've been going down to South Texas for 3 years now, driving through all of Texas often, past hundreds of gas and oil industrial operations, and I can almost promise you, not one of these plants has ever inspired a single human to do great things, to pursue a higher education, or to change their life course. Yet despite this, gas and oil plants litter the landscape and no one seems to bat an eye.

What I've witnessed happen to the general public in the Rio Grande Valley has been nothing but incredible. I've personally spoken with dozens and dozens of people who stopped working at say Starbucks, or a hardware store or the local port as a welder and are now building rockets with their own hands. SpaceX is providing jobs, opportunities and a future for the current generation and most importantly the next generation.

Those worried about pollution should be aware of the huge renewable energy plants SpaceX is building, they will be producing methane and liquid oxygen on site which will eventually be completely carbon neutral. The only pollution produced by Starship itself when launching is carbon dioxide and water vapor, all of which can be recaptured and turned back into fuel.

And by building the propellant plants onsite, it will remove dozens and dozens of heavy vehicles that need to go up and down Hwy 4 each and every day. Because don't forget, to fuel up Starship and Superheavy, it would require dozens of tankers to refill the tanks, so producing fuel onsite is beneficial to everyone in the area and reduces emissions by carbon capture and reduces on road carbon emission.

This is perhaps the most important moment in human history. This is the opportunity humanity has to truly accelerate progress into the cosmos, to provide a new booming economy much like the railroad industry and the airline industry in centuries past. This will not only benefit the local community but the United States as a whole as the space industry has truly become one of the quickest growing economies. Don't forget, money spent on space is actually money spent right here on Earth.

But perhaps most importantly here for us here on Earth, for 50 years, our space potential has virtually plateaued, leaving us no further into conquering space than we were in the 1970's. This means we are NOT currently immune to asteroids or meteors from completely wiping out humanity as we know.

I for one, want to be able to conquer space to be able to protect life here on earth, inspire life around the world and in the local community, create jobs and inspiration and expand humanities presence and consciousness into the cosmos while we have the time.

And I think SpaceX's aggressive progress is our best chance at doing so. Therefore I think the FAA should grant SpaceX a license to operate and test Starship and Superheavy at Boca Chica. Thank you for your time.

---

**From:** Christian Bergman <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 7:40 PM  
**To:** SpaceXBocaChica  
**Subject:** FAA Request For Feedback on Starbase Boca Chica

Thank you for the opportunity to voice my support for the efforts of SpaceX at Boca Chica Brownsville Texas.

I grew up in 60s on the space coast of Florida and watched as the Air Force and NASA transformed coastal scrubland into the world's first spaceport. What SpaceX is doing at Boca Chica is even more important and significant to the future of the United States and humanity - and is doing it at an accelerated pace.

SpaceX is providing good paying jobs and has donated significantly to local economy. Just as the Air Force and NASA created a massive wildlife refuge with the confines of Cape Canaveral, I have no reason to believe that the same cannot be accomplished at Boca Chica.

Starbase Boca Chica is a win-win-win proposition for the local environment/economy, the United States, and humanity. Please grant SpaceX the authorization to proceed according to plan.

Respectfully,

Chris Bergman  
Katy TX

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**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 6:07 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please, please allow SpaceX to proceed with their Starship prototyping at Boca Chica. The operations take up a relatively small environmental footprint when considering the impact to the entire region. I am an older citizen who was 16 when Apollo 11 landed. It was disappointing when our country turned it's back on the future in the 70's. Please note that SpaceX launched the Michael Freehlich oceanographic satellite less than a year ago. The data from the project will benefit all of mankind by giving crucial information about our ocean environment. Let's not allow for small local impact to compromise mankind's ability to benefit the whole world. Thank you.

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**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 3:01 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

This is an important step for american space flight, Texas and mankind. The benefits can outweigh any perceived negatives. Space X is trying to improve our future by becoming Multi planetary, and that can lead to new possibilities and opportunities that are yet to be discovered. With a little forward thinking we can make this word and others better.

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 6:18 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

In regard to Starship In my opinion, it is critically important that SpaceX be given all needed permits to continue further testing of Starship. We are entering, it seems, a new "Cold War" with China and such technology could be used to our advantage. In addition, I am glad that when the dams, interstates and other critical pieces of infrastructure were built, there wasn't as much over regulation about what might, maybe, possibly change local faunas lifestyle. If we deliberately slow our own progress as a nation we should not be surprised if we begin become less resilient and competitive in all global interaction.



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**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 2:56 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Regarding SpaceX Boca Chica draft PEA: After reviewing the draft, I find that SpaceX has mitigated the danger to the public and environment sufficiently that they should be allowed to proceed with their testing and flight program from Boca Chica. Additionally, getting this launch site operational is critical for the United States to remain a leader in space science as well as for our national security. The work being done by SpaceX in south Texas will put our country in a position second to none in these areas for the remainder of the 21st century.

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**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 7:30 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I believe the environmental impact of the spacex development site will be less than the overall good of developing the starship prototype. SpaceX should be allowed to continue this important work.

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**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 7:49 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I encourage the FAA to approve SpaceX's program at Boca Chica. The assessment of the environmental impact is important, and we should always consider the threat to the environment and public, however, unrealistic or over-regulation could be disastrous. America has made efforts to be an example to the rest of the world and in doing so we have many times hurt our own economy and people. Space is the new frontier, if we don't lead, we will lose! We must get off this planet! With exploration comes risk. Please support SpaceX and their efforts to get us to the Moon and Mars. Lee Eastman

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**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 8:10 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

SpaceX brought back the ability to send American astronauts to space from American soil. The test site at Boca Chica, TX is essential to bring Americans back to the Moon. The future of the human race itself may one day trace its continued existence back to the decision to allow the test site known as Starbase to continue operations as it is a stepping stone to colonizing other worlds like Mars and beyond. It would be un-American and in fact an embarrassing mistake as a nation to do anything but grant full permission to SpaceX. China and Russia cannot be the dominant force in access to space. The Starship program at Boca Chica is critical for the U.S. to maintain dominance and will strengthen national security thru Air/Space-Force contracts. Thank you for your time.

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 9:48 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hello, I support SpaceX and it's Boca Chica site. I have studied satellite maps of the area and think the scientific and strategic benefits outweigh possible impacts. I consider myself an environmental and technological enthusiast. I understand that all development has an impact on our planet that must be weighed against advancement. I am a California resident with plans to move to Texas where I have relatives. Spencer Manners

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 5:47 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

thanks to space x we have worked with my friends buissnes and doing well thanks Space X

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 11:26 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I strongly support expedited approval of the application by SpaceX. The benefits to the local area, the nation and progress for mankind far outweigh any potential negative effects.

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 12:16 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I think starship program is essential to humanity. On the long run people need to explore and work in space. It will be the next step to improve the species, get better understanding and technological improvements through space exploration, manufacturing and eventually, migration to space. The pollution effects of running a whole space program are a drop in a bucket compared to pollution humans are producing daily. If we do not proceed timely, we are doomed on living with declining conditions on earth. We need the tools space can provide us, and if humanity eventually fails on earth, we need the hope and option of life continuity in extraterrestrial locations.  
Yours, Sami Raunio, New Zealand



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**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 12:52 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please allow SpaceX to continue its work on the Super-Heavy launch vehicle. It is critical for the success of the U.S.. Any delay will have untold negative effects. It is likely that China will create its own super heavy lift launch vehicle and will do so at a faster rate. We must maintain our advantage.

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**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 1:07 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

As a resident of Florida I have witnessed many launches from Cape Canaveral. Cape Canaveral is one of the most beautiful nature preserves in Florida full of all kinds of wildlife. The eco-argument is moot if managed properly. Economically, Texas can't afford not to allow SpaceX activities. It would be foolish for the US government to push these launches into foreign soil. Which would be my next move if I was Elon. Thanks for ear! Sincerely,  
Chris Trent

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 2:47 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Currently we are witnessing one of the greatest man kinds history , with the development of space x starship program. As a resident of Brownsville we have witnessed how Brownsville has been growing economically in many ways from restaurants, housing development, more jobs created , more educational opportunities, different positive impacts that Space x Has created. We have seen a grown wave of different organizations and companies along with space x doing more frequently beach cleanups than before. My wife and my self have a family owned company Lopez Family wood work a year 1/2 ago we only were 3 team members and now we have over 50 employees with in our organization and also sub contract many more companies , we have grown in so many ways because of the opportunity that space x has created with in our community. It's been exciting to see the starship program behind develop , a glance unto the future of mankind. Space x is a motivational mindset for our youth to follow your dreams and motivates many people to become entrepreneurs. Personally we seen many local family operated businesses grow in many ways. Besides of working at Space X we started to construct homes in Brownsville, this new venture has been a after affect from the opportunity of working at space x we will continue to grow and always give back to our community, we always set aside from our projects funds to help our local community, such as giving funds for people that have cancer, toy drives, can drives, and much more .As a Purple Heart veteran I feel that space x lives up to the American dream to always face challenges to always get the mission done . Many positive things come out from the starship program , from education, economic growth, space port for satellites, space exploration, and much more .

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 3:30 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

While I find the FAA's overall goals to be quite commendable, the degree that the FAA is getting in the way of critical space expansion is regrettable. Where exactly can SpaceX conduct launches in the US? Due to ITAR and launch requirements, SpaceX needs to be on the East Coast of the U.S., preferably as far south as possible. SpaceX found Boca Chica to be as good as it gets when meeting all criteria. Yet the FAA wants ensure a few frogs and crows are not going to suffer unduly? Do you realise that NASA's Cape Kennedy is in the middle of a wildlife sanctuary as well? You can't swing a stick anywhere in the U.S. without affecting SOME wild life, so just get on with it, before China eats your lunch. Also, isn't the U.S. Dept of Defense interested in getting Starship up and running? When will the DoD just step in and purchase the land to allow their main contractor to operate in relative peace? I can't WAIT to see if you guys put Blue Origin through the same process...

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 3:58 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I strongly urge the FAA to deny permits for SpaceX and to open up the discussion for Spanish-speaking community to voice their concerns. The long-term impacts created by SpaceX will not be a positive for the area. And I find it quite insulting that they are using the community's economic status to justify the "need" for SpaceX. Elon Musk chose this area because it benefitted his program, not the community. The rising home prices, employment of out-of-state personnel, and money that communities and school districts will lose out on while passing the buck to the poorest residents is a kick to the stomach. Do not use people's needs against them while harming their health and homes. Elon is not a an altruistic person. He is a businessman. He did not choose Brownsville to help but to deplete it of its resources for his personal gain.

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 3:59 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Before anyone decides to curtail SpaceX's activities (i.e. building, testing, launching rockets,) I would implore the FAA to firmly request direct and incontrovertible evidence from complainants that substantially and incontrovertibly proves their allegations and complaints are true and have merit. Anyone can complain. It is another matter altogether to prove one's complaints have a basis in fact such that SpaceX's activities are a detriment to the surrounding area and communities. Those that complain about debris, fires, etc... must be told to present incontrovertible proof debris, fires, etc... were directly caused by SpaceX's activities and that there was some negligence on the part of SpaceX. Where did debris fall? Where is the proof that debris fell where it was complained it fell? Where were fires started as a result of debris or other cause that can be directly tied back to SpaceX's activities. Absent such proofs, complaints and allegations MUST fall on deaf ears. If proofs ARE offered, they too must be taken into account with equal merit as to determine the severity and impact taken to the areas affected. Opinions based on solid facts should be the only opinions considered. Without solid and incontrovertible proof, such complaints against SpaceX should be considered conclusory and would not survive any challenge to them in Federal Court and in other courts in this country.

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 4:19 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I object to the FAA approval of the DPEA because the size and magnitude of the proposed project require a full NEPA EIS. The 2014 EIS is not appropriate as a basis for an EA because: The size of the vehicle is much larger than the vehicle that was proposed in the 2014 EIS. The size of the fuel tank farm, the amount of fuel stored and burned are far beyond that stated and approved in the 2014 EIS. The approval process must include a detailed analysis of a failed launch and/or landing metered against the size of the vehicle and the amount of fuel in play. A failure at any point in construction, launch or landing will significantly impact the environment and wildlife (some protected). The noise analysis in the EA is flawed and must be reanalyzed.

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 4:27 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I wish to register a comment in support of FAA approval of Space X to conduct their proposed space launch operations. We, as a nation, must support accelerated attempts to reach towards and beyond our moon to maintain the explorer mentality that we as humans innately possess. The negligible risk posed to surrounding wildlife and ecosystems in Boca Chica appears to have been seriously considered by the SpaceX Corporation in their developmental laydown of the Starbase complex. We must further explore the solar system in order to better mankind and the technological output from this effort already has highlighted massive governmental cost-saving, as well as improved efficiency in the re-use of rocket component material. Be true to your mission statement, FAA, and green light this venture!



---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 4:54 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

good evening, i am writing to voice my support of Space X's activities at Starbase in Boca Chica. it is critical that the FAA allow SpaceX to continue their activities at Starbase Boca Chica. If humanity is to become a space fairing civilization and if we are to make any further advancements in space, then the FAA can not hinder the progress of Starship any further. the benefits outweigh the minor negatives that are presented

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 6:40 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am completely and totally in support of SpaceX and the activities at Starbase. First reason is, this is a private enterprise, not a government (taxpayer) enterprise like every other rocket. Next, the Starship is just an infrastructure element, it's just a simple (relatively speaking) heavy lift vehicle that inexpensively puts stuff in orbit. Now, with this infrastructure in place, many, many, many thousands of jobs that do not exist now will come to bear to invent and build and support what the Starship will put in space. It's a fantastic economic engine for the US, and the world. And third, SpaceX wants to just simply \*\* catch \*\* the booster !! Heavens, that's about the most audacious thing ever, kinda like sailing west because the world is not flat (in 1492 Columbus sailed the ocean blue). For this reason, we should approve this, just to see if it they can pull it off. Heavens !! Thanks for taking my comment. Sincerely David Preston

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 6:54 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Like a bombing range, closing the beach to people at Boca Chica, would be beneficial to the Turtles and other wildlife. Let them innovate, Let Them Fly!

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 7:02 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Let SpaceX launch as many rockets as possible. After reading the draft PEA, I approve Issuing a Finding of No Significant Impact (FONSI).

---

**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 4:00 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please do let them have the permit. I believe the benefits outweigh the possible environmental concerns. If we are truly worried about the planet we should also try to have an exit strategy like this starship if we aren't successful.

---

**From:** James Harris <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 3:44 PM  
**To:** SpaceXBocaChica  
**Subject:** I saw the faa presentation and support the super heavy launch site at Boca Chica

I feel like there are so many miles of shoreline along padre island that the birds can use that this one installation will have a negligible impact.

I feel like the benefits far outweigh the downside.

Best Regards,

Jim

---

**From:** Taly Herrera <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 4:21 PM  
**To:** SpaceXBocaChica  
**Subject:** I support SpaceX and ask FAA to timely allow SpaceX to advance

I am Ms. Araceli Herrera (pronounced Ara-cel-ly). My educational background is in mechanical and architecture drafting. Brownsville, TX has been my home for most of my life with the exception of a few years I moved to San Antonio to work for an oil company, returning to Brownsville to work in manufacturing. Brownsville is dear to me, as is the Rio Grande Valley.

I am a proud American, I see the potential SpaceX will have in our communities, state, nationally and internationally.

I do not represent any special interest group(s). The following is my opinion.

**BOTTOM LINE:**

**I fully support SpaceX, Elon Musk, and the SpaceX board of directors.**

I ask the FAA to promptly give SpaceX full access to proceed with the SpaceX Starship/Super Heavy Launch Vehicle Program at Boca Chica, TX. I believe the FAA should fully support any future SpaceX requested number of launches, static fire testing and any other "approvals" needed for the advancement of SpaceX.

Truly this is an exciting time to imagine the probabilities & possibilities SpaceX will contribute to. Advancing innovation in design, processes, materials, tooling, components, assemblies, implementation of launches etc. The intellectual properties that will arise from SpaceX will revolutionize many industries.

Locally, SpaceX will impact, in a positive way, many areas now and as the program grows. Too many to list, so here are a few:

- Economy in many sectors including small businesses
- Offering UT-RGV graduates jobs, thus keeping our talent locally
- Potential of creating apprenticeship programs
- Work for trades, labor workers, contractors, subcontractor, suppliers, vendors etc.
- Potential research and development programs
- There will be ideas we haven't even dreamt of yet..... But they are probable & possible.

We all have a unique opportunity to propose creative solutions to issues in traffic, noise, the environment and other impacts from SpaceX activities. We are on center stage and the world is watching how we support SpaceX.

Bottom Line: I fully support all SpaceX activities. My name is Araceli and this is my opinion.

Kind Regards,  
Araceli Herrera  
Brownsville, TX  
[REDACTED]





---

**From:** Grayson Holt <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 5:19 PM  
**To:** SpaceXBocaChica  
**Subject:** In Support of the Starship and Super Heavy Development Program

To whom it may concern,

My name is Grayson Holt and I am not a member of the RGV community. I believe that **the benefits of starship and the superheavy program far outweigh the negative impacts** it will have.

I acknowledge the concerns voiced that SpaceX will cause a negative impact on the community and the concerns of its environmental impact. However I will briefly mention the ways in which I think those concerns are mitigated.

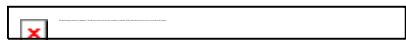
Children and members of the community recently visited the Starbase location with signs in support of the actions of SpaceX in the area. The community members spoke of the economic benefits that this international attention brings to the area as well as the inspiration and hope that the promise of human space flight gives to the young members of the community. I myself will be visiting, renting housing, and going to restaurants in the Brownsville area that I otherwise would never have given business to.

In addition, I believe that the environmental impacts caused by the facility will result in a net positive for the wildlife in the area. The FAA has already conducted an environmental review and adjusted that research to accommodate the impact of the starship and superheavy program. This has found that the program will pose no significant risk to people and wildlife in the area.

Further, SpaceX has committed to multiple green initiatives with their starship program, like for instance, installing solar panels to provide power to the facility. They also came together as a group to save a group of baby sea turtles during a cold snap in Texas and I just think that speaks to their upstanding character and commitment to the community which is greater than themselves. And finally, the rocket technology they are developing will be one of the cleanest, most net-zero carbon emission rocket technologies ever created. I believe allowing them to move forward will result in technology that will not only benefit themselves, but all of us.

Thank you for taking the time to read my thoughts! **I hope you grant SpaceX the permit to move forward with the current environmental impact assessment.**

Grayson Holt



Motion Graphics. VFX.



---

**From:** Maria Conde <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 9:33 AM  
**To:** SpaceXBocaChica  
**Subject:** letter from UTRGV President Bailey  
**Attachments:** 2021.10.20 UTRGV letter to Stacey Zee, SpaceX PEA.pdf

Good afternoon, Ms. Zee.

The attached letter is forwarded to you on behalf of Dr. Guy Bailey, UTRGV President, in response to the FAA's call for comment. A hard copy is also being sent to you via U.S. Mail.

Thank you,  
Maria



**Maria Y. Conde**  
Assistant to the President  
Office of the President  
[REDACTED]

Brownsville • Edinburg • Harlingen



**STAY ENGAGED. STAY SAFE.**  
**#RallyTheValley** 🙌

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October 20, 2021

Ms. Stacey Zee  
Space X PEA  
C/O ICF  
9300 Lee Highway  
Fairfax, VA 22031

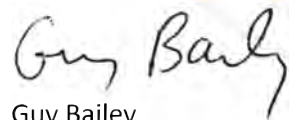
Dear Ms. Zee:

Space X's entry into the Rio Grande Valley has brought much enthusiasm and many educational, employment and economic development opportunities to the region. At The University of Texas Rio Grande Valley (UTRGV), we have already seen Space X employ some of our graduates, many of whom would have likely left the Rio Grande Valley had this opportunity not been here.

Our Career Services Office and Space X are also working on invaluable internship opportunities for our students at Space X, which may well lead to permanent employment. Our Entrepreneurship and Commercialization Center has also seen an increased interest in companies connected to the aerospace industry that are seeking to locate in the Rio Grande Valley and we have worked with the Brownsville Community Improvement Corp., the City of Brownsville, the Brownsville Chamber, the Economic Development Agency and others throughout the Rio Grande Valley to build a center that will consolidate resources necessary for entrepreneurs to start their ventures, acquire capital, scale up existing companies and reach new markets, including companies in the aerospace or aerospace related industry.

The Rio Grande Valley is one of the fastest growing regions in the country and we look forward to continued collaboration with Space X to expand opportunities and the quality of life for our growing population.

Sincerely,



Guy Bailey  
President

**Office of the President**

One West University Blvd.  
Brownsville, Texas 78520  
(956) 882-8201

1201 West University Drive  
Edinburg, Texas 78539  
(956) 665-2100

2102 Treasure Hills Blvd.  
Harlingen, Texas 78550  
(956) 296-1415

701 E. Expressway 83, Box 10  
McAllen, Texas 78501  
(956) 882-8201

[utrgv.edu](http://utrgv.edu)

---

**From:** Maria Conde <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 9:33 AM  
**To:** SpaceXBocaChica  
**Subject:** letter from UTRGV President Bailey  
**Attachments:** 2021.10.20 UTRGV letter to Stacey Zee, SpaceX PEA.pdf

Good afternoon, Ms. Zee.

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Thank you,  
Maria



**Maria Y. Conde**  
Assistant to the President  
Office of the President  
[REDACTED]

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**#RallyTheValley** 🤞

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---

**From:** Felix De la Fuente <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 7:05 AM  
**To:** [REDACTED] SpaceXBocaChica  
**Subject:** Letter in Support of SpaceX

**Correspondence IN SUPPORT OF SpaceX, Its Mission, and Approval of Its FAA License Application**

My name is Gabriela Alejandra Alcalde. I am a resident of Cameron County, Texas and have lived in Cameron County, most if not all of my life. I am providing this correspondence to you IN SUPPORT OF SpaceX, its mission and in strong support of SpaceX's FAA License Application.

I understand that SpaceX is building the Starship "rocket ship" to carry people and cargo into space, including the Moon, Mars and beyond. I also understand that SpaceX is continuing the pursuit of space exploration. More importantly, I understand that SpaceX has built and continues to build its launch site for orbital missions at Starbase "Boca Chica", Texas, and where I live is where the building and testing of Starship takes place. I support SpaceX's mission and the building, testing and launch operations of Starship in Cameron County.

I also believe that one of the greatest, if not the greatest, economic impact any single company has had on our community has been by SpaceX. That economic impact cannot and should not be ignored. It has brought growth, higher paying jobs, residential & commercial construction, improved infrastructure, and SpaceX employees to our community that are our neighbors. I believe this is positive and good growth for our community. Regardless of that economic impact, though, we believe SpaceX is a responsible neighbor that seeks to be in Cameron County a very long time and improve the quality of life not only at Starbase, but throughout Cameron County. I believe that SpaceX working hand-in-hand with our community leaders have public safety at the forefront of their decisions, along with potential environmental impacts.

As such, I support SpaceX and the approval of its FAA License. Thank you for the opportunity to submit this comment in support of SpaceX.

Sincerely,

***Gabriela Alejandra Alcalde***  
[REDACTED]

---

**From:** Phil Hartman <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 7:15 PM  
**To:** SpaceXBocaChica  
**Subject:** Moving humanity forward

Please allow SpaceX to operate in Boca Chica. The bold risks should be rewarded. If we as a country want to protect everything as it is now we would shut down all development. Please don't do that. Thanks.

- Phil Hartman, [REDACTED]

---

**From:** Mason Harvey <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 3:13 PM  
**To:** SpaceXBocaChica  
**Subject:** My Comments on the SpaceX Boca Chica Draft PEA

Hello,  
I'm Mason and I am in full support of the granting of the launch license to SpaceX for the Boca Chica site.

I just want to say that I am in full support and that I know SpaceX will put in the effort to do the right thing if something goes wrong.

--

Kind Regards.  
Mason

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**From:** Dawson <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 1:11 PM  
**To:** SpaceXBocaChica  
**Subject:** My Public Opinion on SpaceX

I am giving a written response to Today's Public Hearing for SpaceX.

Excerpt below:

*Hello, my name is Dawson Osmond. I am not speaking for any group. I do not live near Boca Chica, or in the US, although I would love to visit in the future. I live in rural Canada and I have sent this email thanks to SpaceX's Starlink. It has improved my family's life greatly and I highly recommend it. I will talk about the environmental concerns of the future for Starbase and Starship.*

*There is a lot of FUD (or Fear, Uncertainty, and Doubt) about Aerospace Companies that spread around the internet which is false, uncalled for, and misunderstood. I would like to clear one of those topics and talk about Emissions from the Starship. Let's say, hypothetically, that an entire launch of a Starship rocket produces a total co2 equivalent of 3,000 metric tons. This is extremely pessimistic and there would likely be much lower emissions. The Liquid Methane that combines with LOX (Liquid Oxygen) and burns from the ship turns into co2 and water vapors and is not an environmental hazard compared to other unconventional Fuels.*

*Let's say that SpaceX launched Starship 2 times a day for an entire year. Which is crazy, of course. That's 2.19 million metric tons, which sounds a lot but compared to the approximate annual emissions of vehicles in the United States in 2021 is 670 million tons, which probably includes other harmful chemicals that ICE vehicles spew out. The emissions from Starship equate to 0.33% of that from US vehicles; adding the other pollutants like unclean electricity generation, all transportation methods, and all other emissions equate approximately to 4.5 Billion tons in the US in 2021, which puts the estimated Starship emissions to 0.05% of total US greenhouse gas emissions, or Annual US emissions are 2,000 times that of what Starship would theoretically produce annually. These comparisons are even larger when you account for Global Emissions.*

*For local wildlife concerns about the future expansion of Starbase on the village and coast of Boca Chica, The Pros outweigh the Cons and SpaceX is nearly invisible on the scale of emissions and impact on animals and is not the enemy. Every day, there are thousands of species around the world impacted by deforestation, garbage, air pollution, and water pollution from large dirty companies that contribute to climate change. They are the ones to blame, not SpaceX.*

*This is an important moment in the history of mankind and we should embrace it. I think SpaceX will be a large part of our future and I fully support such a future.*

*In closing would like to thank the FAA for hosting this public hearing, and Elon Musk and the SpaceX team for continuing to make many milestones in the Aerospace world.*

Thank You,  
Dawson Osmond



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**From:** Linda Salinas <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 7:01 PM  
**To:** SpaceXBocaChica  
**Subject:** Official Comments - Speaker #164  
**Attachments:** Public Comments (SPACEX) LSalinas.pdf

Good evening,

Attached is a copy of the comments I wanted to share this evening via the Zoom webinar. Please confirm it has been received.

Thank you,

Linda Salinas

My name is Linda Salinas. I am representing myself, my comments are my own, but I am a teacher at STEM2 Preparatory Academy with Harlingen CISD.

Good evening, I speak today not only as an experienced educator but also as a new robotics coach and as a mother of four who was born and raised in the Rio Grande Valley.

I come from a family of migrant workers. My parents both traveled out of state in high school to work in the fields and help their parents financially. I know the same can be said for so many families across the RGV. We are all hard workers looking for opportunities to ensure our families and our children are FIRST. We will do whatever it takes to make sure our children have the best education and the best chance of success.

Unfortunately, throughout my years as a student, the discussions have always been around the need to leave the valley if you wanted more. More careers, more experiences, more opportunities because our parents wanted better for us. But why should we have to leave to get more? This is our home, this is our community. Yet more and more of our graduates were leaving up north to seek more.

I am here today to express my sincerest gratitude and support for SPACEX. By choosing Cameron county, you have invested in our community, our families, our teachers, and most importantly our children; because they are the next generation. By choosing our community, students across the RGV now have opportunities they have only dreamed of... HERE in our very own backyard. Because of SPACEX, we now see a large increase in students showing interest in fields like robotics, engineering, programming, welding and design. Our students are excited to learn and they are excited to think critically and embrace problem solving. They are passionate about their future and the future of SPACEX.

SPACEX has truly inspired the next generation of problem-solvers. My all girls robotics team were blown away by SPACEXs problem solving skills when they couldn't find a fuel tank large enough to store fuel for their rockets. What did SPACEX do? They reused material from previous rocket launches and created their own fuel tanks. My girls took this inspiration when they were designing and building their own robot. When they couldn't find the right material to build their intake, they designed one online and 3D printed the part all by themselves!

In the classroom, our students are learning about the manufacturing of heat shields to bring down costs as a way to make space exploration more affordable. Our middle school students asked questions about shield design and shield placement to better understand the impact it would have on the rocket. Then, when they visited STARBASE, they were able to see real robotic arms installing heat shields to the side of the rockets. They had the chance to speak to and learn from the experts. They saw the importance of what they were learning in the classroom to its impact and application in the real world.

It is these experiential opportunities with SpaceX and Harlingen CISD that allow our classrooms to connect learning with industry. In turn, our students will be prepared for careers in this industry and they will be prepared to solve problems that do not exist just yet.

As SpaceX plans future activities, we must also consider the opportunities it can bring for our students. SpaceX is living and breathing innovation. Experience matters. Opportunity matters and it must be our mission to provide all students with a world class education because they are the next generation. I ask the FFA to allow SpaceX to continue development because by doing so, you are opening doors for all students in the RGV and equipping them with the skills needed to be at the head of the line for the career of their dreams, right here in South Texas.

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**From:** Bill Gagan <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 2:39 PM  
**To:** SpaceXBocaChica  
**Subject:** PEA of SpaceX Starship/Super Heavy Launch Vehicle Program

Dear FAA,

I live in Port Isabel, Texas at Long Island Village which is probably one of the closest residential areas to SpaceX and it's launch facility. We have viewed every previous launch attempt, flights and crashes from our home or from our boat in South Bay which is right next to the launch area. Other than a slight vibration or muffled "boom" there was nothing upsetting to us or our over 2,000 neighbors.

We sold our local boat building company a year ago and for obvious reasons we stressed being environmentally conscientious to our customers at all times. Many of us fish in South Bay which is a very fragile environment right next to SpaceX and we want it to stay that way. With that said, we do realize that this project will be significantly larger in scale than anything previously, but we have no fears or concerns for the environment or our homes in this area. To date, the general feelings of Long Island Village residents has been very positive toward SpaceX operations and the fact that they have shown more than reasonable consideration for the environment and nearby communities. Elon Musk and his staff appear to take every precaution possible to protect the environment, coast, wetlands, wildlife, sea life and the public with everything they do.

We support SpaceX 100%.

Sincerely,

William and Gladys Gagan  
[REDACTED]

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**From:** Daniel Smith <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 3:32 PM  
**To:** SpaceXBocaChica  
**Subject:** PER - my opinion

Hello, my name is Dan Smith

Having examined the Starbase facility from the Public Highway twice now, and having reviewed the PEA, I can say I am satisfied that SpaceX has done all the due diligence to eliminate and mitigate any and all environmental factors that the Starbase facility could pose to the larger area. I fully support their effort to design, build and launch the Starship Superheavy orbital system.

I would also add that while protecting the environment is a very important issue to us now, and our progeny, because of the advanced nature of the program, and its potential impact to our economy, and perhaps more importantly our National Defense, any and all efforts should be made to accommodate SpaceX in this venture. The US cannot fall behind China or other adversary nations globally in Space, where we have historically led the world. SpaceX is a big part of our future, and our government, including the FAA, should recognize this reality.

Thank you!

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**From:** Space For Everyone <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 8:15 PM  
**To:** SpaceXBocaChica  
**Subject:** Please permit SpaceX to launch Rockets from BC, TX.

Hi, my Name is Pramodh B Raj VU3TQP, I am a student from India, I'm currently studying Geology and also a HAM Radio Operator, thanks for the FAA to giving us an opportunity to express our opinion about SpaceX Boca Chica, TX. as a Resident of the Earth and the Citizen of this Universe, I'm glad to say please allow SpaceX to launch and continue its process towards making humans as multiplanetary species, Earth's population are increasing day by day, so we are currently in need of building more powerful and very advanced monstrous rocket, in case of Extinction Level Event, we need more rockets to be readied to escape from the planet. If we advance more and more we can save several species on this planet, also take note that SpaceX has saved alot of turtles in Starbase Texas and helping the community by donating millions of dollars and giving job opportunities for locals, also encouraging young generations to become a Rocket scientists as well as Astronomer. So I'm envisioning and pushing you to help the SpaceX to continue the process and save the planet, further more from future apocalypse.

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**From:** Margarita Gonzales ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 6:28 AM  
**To:** SpaceXBocaChica  
**Subject:** Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I'm someone actually from the RGV and vehemently oppose 1) the erasure of local voices and 2) enthusiastically add my name and voice to the dissent that has already been expressed against the disproportionate level of harm, gentrification, and displacement that the SpaceX project brings to our underserved and overexploited region. The public officials going out of their way to fall backwards over themselves at greedy endeavors to line their pockets, at the expense of the community that they are supposed to be working in the best interest of/for, is pitiful and embarrassing on a global stage. Elon Musk and his selfish endeavors at privatizing space exploration at the expense of our environmental and community well-being is not welcome in the RGV. We deserve better. There are jobs in a just transition to renewable energy infrastructure that move us away from environmental harm, toward valuing our planet -not exacerbating climate damage and treating both our region AND the planet as disposable

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

An accident on the scale of a Starship/SuperHeavy launch vehicle would be a devastating catastrophe for the Laguna Atascosa Wildlife refuge, the Lower Rio Grande Valley Wildlife refuge as well as for nearby communities of color and endangered species like the ocelot and aplomado falcon.

At the very least, the FAA should conduct a comprehensive Environmental Impact Statement because of the size and scale of SpaceX's new launching operations. This Environmental Assessment is extremely inadequate, because it only evaluates an "initial mission profile," and does not address:

1. The FAA's claims that SpaceX's mission is to launch larger rockets in pursuit of National Space Policy goals, which were updated by Trump in 2020. These policy goals should be evaluated by the new Biden Administration, and actually reflect whether space exploration is in the interest of the public rather than private corporations seeking to profit.
2. The already damaged land and wildlife that SpaceX has already caused, in addition to the new plans that will permanently destroy acres wetlands and floodplains,
3. SpaceX's rocket launching schedule results in beach closures that would further strip away people of color's rights to fish and recreate at Boca Chica Beach by up to 800 hours per year, about an entire month.
4. Elon Musk, using his social media platforms to attract outsiders to displace a historically marginalized community. Already, longtime residents are being forced away from their beach and homes, and it doesn't help when outsiders, attracted by Elon Musk and his social media presence, displace residents by moving here or soliciting comments and opinions from people who've never even been to the region.

5. SpaceX has never consulted with the Carrizo/Comecrudo Tribe of Texas, who have ancestral ties to the region, about operations. Under the United Nation's Free, Prior, and Informed Consent, SpaceX should not be authorized without consultation and consent of the Tribe.

Additionally, the FAA should have to redo its regulatory process to accommodate the Spanish-speaking population because the public hearings and materials are not translated.

About 80% of the Rio Grande Valley community, which is directly impacted by SpaceX, speaks primarily Spanish at home. The FAA should not allow SpaceX to continue to expand to launch the Starship/Super Heavy project at Boca Chica Beach because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

Margarita Gonzales

A large black rectangular redaction box covering the signature and any accompanying text or contact information.

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]



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**From:** Elena Grassi ( [REDACTED] ) Sent You a Personal Message  
< [REDACTED] >  
**Sent:** Wednesday, October 20, 2021 10:49 AM  
**To:** SpaceXBocaChica  
**Subject:** Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

An accident on the scale of a Starship/SuperHeavy launch vehicle would be a devastating catastrophe for the Laguna Atascosa Wildlife refuge, the Lower Rio Grande Valley Wildlife refuge as well as for nearby communities of color and endangered species like the ocelot and aplomado falcon.

At the very least, the FAA should conduct a comprehensive Environmental Impact Statement because of the size and scale of SpaceX's new launching operations. This Environmental Assessment is extremely inadequate, because it only evaluates an "initial mission profile," and does not address:

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5. SpaceX has never consulted with the Carrizo/Comecrudo Tribe of Texas, who have ancestral ties to the region, about operations. Under the United Nation's Free, Prior, and Informed Consent, SpaceX should not be authorized without consultation and consent of the Tribe.

Additionally, the FAA should have to redo its regulatory process to accommodate the Spanish-speaking population because the public hearings and materials are not translated.

About 80% of the Rio Grande Valley community, which is directly impacted by SpaceX, speaks primarily Spanish at home. The FAA should not allow SpaceX to continue to expand to launch the Starship/Super Heavy project at Boca Chica Beach

because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

Elena Grassi



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

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**From:** Stephanie Taylor ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 2:29 PM  
**To:** SpaceXBocaChica  
**Subject:** Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I was born and raised in Brownsville, Texas. Boca Chica beach is a unique geographical location, at the mouth of one of the nation's largest rivers, and on Gulf of Mexico. It is at an intersection of two major migration routes for birds. It is surrounded by federally protected wild life sanctuaries. Yet, this is where Space X has chosen as its new home. And the choice was done because SpaceX knew it would be able to railroad through whatever expansions they wanted. The area is also one of the poorest in the nation. Its an easy target for a multi billion dollar corporation.

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

An accident on the scale of a Starship/SuperHeavy launch vehicle would be a devastating catastrophe for the Laguna Atascosa Wildlife refuge, the Lower Rio Grande Valley Wildlife refuge as well as for nearby communities of color and endangered species like the ocelot and aplomado falcon.

At the very least, the FAA should conduct a comprehensive Environmental Impact Statement because of the size and scale of SpaceX's new launching operations. This Environmental Assessment is extremely inadequate, because it only evaluates an "initial mission profile," and does not address:

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5. SpaceX has never consulted with the Carrizo/Comecrudo Tribe of Texas, who have ancestral ties to the region, about operations. Under the United Nation's Free, Prior, and Informed Consent, SpaceX should not be authorized without consultation and consent of the Tribe.

Additionally, the FAA should have to redo its regulatory process to accommodate the Spanish-speaking population because the public hearings and materials are not translated.

About 80% of the Rio Grande Valley community, which is directly impacted by SpaceX, speaks primarily Spanish at home. The FAA should not allow SpaceX to continue to expand to launch the Starship/Super Heavy project at Boca Chica Beach because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

Stephanie Taylor

A large black rectangular redaction box covering the signature and any accompanying text or contact information.

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

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**From:** Samantha Acuna ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 2:30 PM  
**To:** SpaceXBocaChica  
**Subject:** Re: Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program

Dear Federal Aviation Administration,

I am writing in opposition to SpaceX's proposed Starship/Super Heavy Launch Vehicle expansion project on Boca Chica Beach.

The SpaceX expansion project would be incredibly detrimental not only to the wildlife habitat and wetland ecosystems around it, but to the nearby communities of Brownsville, South Padre Island, and Port Isabel as well.

This project will require a massive scale of new industrialization that includes a rocket launch pad, gas power plants, desalination plant, gas drilling, and more near residential communities, between wildlife refuges, and at a public beach. Not to mention, the explosive rocket launch operations are less than six miles away from two highly flammable proposed liquefied natural gas (LNG) and a pre-existing gas pipeline.

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because the potential for further wildlife and land damage along with the potential explosions it could cause is just not safe for the residents of the area and is not safe for the environment.

Sincerely,

Samantha Acuna



This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [REDACTED] or [REDACTED]

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**From:** Kay Williams <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 11:59 AM  
**To:** SpaceXBocaChica  
**Subject:** Space X Boca chica

I'm not in favor of this large space ship. The smaller ones that have already launched have rattled my windows and I live on South Padre Island. This is NOT good for the environment.

Kay Williams

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**From:** Emmett Osborne <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 7:22 PM  
**To:** SpaceXBocaChica  
**Subject:** SpaceX Boca Chica Public Comment - Emmett Osborne

Hello,

My name is Emmett Osborne, and I represent only myself. I am not a resident of South Padre, the Boca Chica area, or Texas at all for that matter. Last December, I made the decision to drive over 4,000 miles down from Wyoming to South Padre to view the Starship SN8 launch. I stayed on South Padre for three weeks waiting for the launch. During this time I stayed at local lodging, ate at local restaurants, and shopped at local stores. As much as I would like to voice my support by discussing how the presence of launch viewers such as myself would financially impact the South Padre area, that is simply not the focus of this hearing.

It has become increasingly apparent that when referring to someone like myself, a Launch Viewer, our measured benefit to the local community is purely financial. I disagree. As many locals know, the South Padre Isle Jetties are some of the most popular fishing spots in the area. Hundreds of people flock to the shore daily to fish the local coast. Locals will also be aware of the damage this often causes. The collection of trash from the people on these jetties, aided by the currents moving through Port Isabel, collects directly on the beaches of South Padre. The day before the launch of SN8, myself, and around 40 other launch viewers gathered together and put around 130 man hours of work into collecting and disposing of the mass amounts of trash on the beach. We managed to clean several miles of beach and jetties, removing over 50 industrial sized bags of trash. Since then, this "Launch Scrub Beach Scrub" cleanup has become a tradition amongst Launch Viewers at South Padre Isle.

Having said this, I hope I have expanded your view on the Launch Viewer and the positive impact they may have on not just the community but also the Environment. I urge the FAA to issue the launch licence for the Starship Superheavy vehicle, but I also urge the FAA to continue to work alongside SpaceX to ensure that all actions taken that may affect the area are within reason.

Thank you!



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**From:** James P Kinsella <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 1:03 PM  
**To:** SpaceXBocaChica  
**Subject:** SpaceX Boca Chica virtual message

Dear Sir

I James P Kinsella am unable to attend and speak at the SpaceX Boca Chica Virtual event. Meeting ID: 88394232774 -  
Pass word:FAA2021

**Below I present my written contribution.**

My name is James P Kinsella, an independent Visual Artist concerned and researching humanities future.

I would like to make the point that SpaceX is a leading private company offering "Possible Futures" for living beings should Earth become uninhabitable.

They are a climate conscious company that I as a world citizen believe can be relied on to help mankind to build 'living Homes' outside this earth in the future. As a European I put my trust in SpaceX and its esteemed leader Elon Musk, that they are capable and willing and will look after look after the environment and special areas in and around Boca Chica, Texas, USA.

Yours Sincerely

James P Kinsella, Independent Visual Artist, Vienna, Austria

Meeting Id:88394232774

Pass word: FAA2021

Sent from [Mail](#) for Windows

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**From:** Zach Albrecht <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 5:25 PM  
**To:** SpaceXBocaChica  
**Subject:** SpaceX EA Comments

I am, Zach Albrecht, an engineer in South Texas. The region we are in does not have much industry outside of petrochem and agriculture. The region has been victim to brain drain and low paying jobs as people flock to Houston and San Antonio. SpaceX represents a once in a lifetime opportunity to get a new industry into the region and inspire a generation. This is even more important because they are an industry leader and devoted to reusability and protecting the environment. There is no perfect way to build a launch facility without some damage to the environment. However, the benefits of reusable cheap spaceflight by a responsible business partner far outweigh the cons. These benefits will be felt across the economy in research fields that will include environmental concerns and to shun the only company close to a reusable large rocket will set the world back many years. This will further harm the environment as we are forced to use non-reusable more expensive methods of reaching space.

This is an opportunity to have a Cape Canaveral in Texas that will bring tourism and industry to the area which will help fund the community and allow for better environmental protections.

I trust the evaluation done by SpaceX and the EPA and ask that they be allowed to moved forward with testing and operations.

Sincerely,

Zach Albrecht, CPT

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**From:** San Juanita Velazquez <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 5:56 PM  
**To:** SpaceXBocaChica  
**Subject:** SpaceX Starship/Super Heavy Launch Vehicle Program- Public Comment  
**Attachments:** Public Comment- SpaceX Heavy Project.pdf

Hi,

My name is Juanita Velazquez and I would like to provide a comment in regards to the SpaceX Starship/Super Heavy Launch Vehicle Program. I have attached the comment as a pdf file.

Best,

Juanita Velazquez

Hi,

My name is Juanita Velazquez and I am writing to oppose SpaceX's Starship/Super Heavy expansion project as it would negatively impact my community. I have been a Brownsville resident my whole life and like many people around here, I grew up visiting Boca Chica beach, enjoyed my time there with my mom and abuela during the weekends, family and summer vacations. In recent years, as SpaceX rapidly constructs its Starbase launching site, the beach I knew as a child it's not the same—especially as it relates to its wildlife. This launch site has already brought ecological consequences to the area and impacted certain bird populations that exist and breed here and continues to threaten the life of small mammals and sea animals alike. If SpaceX is authorized to launch large and heavy rockets and expand their facility, different parts of the project will affect the runoff water that's released into the Gulf of Mexico by polluting the water, continuing to impact wildlife indigenous to the area, like the shrimp population that breeds in the ship channel and shrimpers catch—which would consequently also disrupt the shrimp and fishing industry. Much of the land around the site that is already being contaminated by this company, or could be contaminated with its rockets, is national wildlife refuge land, and it is against the law to be contaminating land that is not yours. Apart from the environmental consequences, the establishment and expansion of the SpaceX facility is part of the on-going modern day colonization and ethnic cleansing of Native original peoples in the Rio Grande Valley region. To my knowledge, SpaceX has never consulted with the Carrizo/Comecrudo Tribe of Texas, whom are the original Indigenous people of the region and have ancestral ties to the land, about the facility and its operations. The Carrizo/Comecrudo tribe has been actively trying to protect this land for generations, and SpaceX should not be ignoring them. Moreover, as SpaceX attracts outsiders to the area, historically marginalized people of color will be displaced, and the proposed expansion would further strip away their rights to fish and recreate at Boca Chica Beach. This would likely make people will feel like they're unwelcome to the area and be driven away from the few free places to enjoy left in the community.

Thank you for your time.

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**From:** Lawrence Wheels <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 7:52 PM  
**To:** SpaceXBocaChica  
**Subject:** Starbase Draft EIA - Public Comment -

SpaceX Starship/Super Heavy program is the single most inspirational event of our lifetimes. Being a space faring civilisation has got to be humanities goal, and dedicating 1% of our ressources towards it shouldn't be that big of and ask to help us figure out how to ask the right questions about the nature of the universe. I don't think you can really quantify how impactful this program will be on the world? In inspiration alone it has to have created so many engineer who are watching the progress live on the internet. Stopping this program or even setting back 10years would be a grave mistake and potentially damaging to an entire generation.

The begins of multi-planetary life are unfolding in front of our eyes. Let's not mess it up now.

Go Starship, Go SpaceX !  
From France, Lawrence WHEELER.

21/10/2021.

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**From:** Diane Mayer <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 10:08 AM  
**To:** SpaceXBocaChica  
**Subject:** Starship Program

To whom it may concern:

I am writing today to lend support for the Starship Program at Boca Chica. I support a future involving human space travel and understand the urgency of this important mission. I believe that Space X stands apart from the competition and operates with the required urgency, innovation, precision, discipline and responsibility. Please allow Texas to become the new frontier for space travel so we may become a multi-planetary species. I strongly believe that Elon Musk and Space X will take proper care and consideration of the people and the environment of Boca Chica and the surrounding area. Brownsville Texas USA: The gateway to Mars!

Thank you for your time.

Sincerely,  
Diane Mayer

Sent from my iPhone

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**From:** Trevour Crow <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 8:03 PM  
**To:** SpaceXBocaChica  
**Subject:** Starship/SuperHeavy proposal commentary

To whom it may concern,

While I have also submitted comment in written form, after watching the two public comment sessions, I have decided I must address what I heard at those sessions. As I was not able to provide oral comment, I am providing this comment via email.

There is no reason for experimental launches to be done in an environmentally sensitive area, especially when we are not provided the necessary information to properly evaluate the enterprise. SpaceX has proven reckless and fielded models that have repeatedly failed destructively. If SpaceX wants to maintain this is necessary to effect Starship/SuperHeavy, then it should be done in less sensitive areas. Even without this destruction, we still do not have all necessary information - the presentation notably omitted the noise levels from a launch, focusing only on the much lower levels seen on landing. Without an experimentally-verified noise level of all the SuperHeavy engines at 100% throttle, we cannot evaluate the damage to the local wildlife.

Further still, no rocket program has proven 100% free of explosive failure; notably, the largest non-nuclear explosion in history belongs to the Soviet N1 rocket program. Unless SpaceX can prove that a fully-fueled Starship/SuperHeavy failure will have no meaningful effect on the area, then it cannot be permitted to continue in this location; as existing launch facilities exist that have far more orbital inclinations available to them, no argument can be made that it is necessary to launch from the Boca Chica facility. The only advantage SpaceX can attribute to this location is that SpaceX is its owner, which is only an advantage to SpaceX itself and is of concern to no other parties; should SpaceX have to adjust its methodologies to gain permission to test at other sites, this is entirely SpaceX's problem.

I also want to comment on the messianic reverence given the Starship/SuperHeavy program by a number of speakers. Many have presented Starship/SuperHeavy as worth destroying the area, urging us to "focus on the big picture" of SpaceX ad copy that knowingly and deliberately lies about its capability; many have implicitly or explicitly claimed that only SpaceX can produce any launch vehicle capable of enabling any sort of offworld habitation and cite this as reason why SpaceX should be allowed to run roughshod over this sensitive area with little to no supervision. However, despite SpaceX's knowing and deliberate misrepresentation of Starship as an interplanetary vehicle, it is wholly unsuited to the role: not only does it provide no shielding from the severe interplanetary radiation levels (preferring to pretend this problem doesn't exist), it has no more ability than the ISS to avoid the negative health effects of prolonged weightlessness as would be experienced on a nine-month Mars-bound journey - effects that have required professional, trained astronauts to enter physical therapy to recover from. Therefore, it can only ever be a launcher for low earth orbit; while reusability may be desirable in this context, it is mere evolution of what came before and offers nothing to justify any special treatment.

I urge the FAA conduct a full environmental impact assessment with the twin facts in mind that there is in no way any revolution being held up by this assessment, nor any loss for humanity or the settlement of space should Starship/SuperHeavy never fly from Boca Chica.

Trevour Crow

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**From:** B P <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 7:44 AM  
**To:** SpaceXBocaChica  
**Subject:** Stop the Expansion of SpaceX in Brownsville, TX

FAA Federal Aviation Administration,

To the Federal Aviation Administration -

I am deeply concerned about the SpaceX launch site expansion and its economic, cultural, & environmental impacts on the region. Since the operations began in Brownsville, TX, numerous explosions have threatened public safety, caused dangerous fires near wildlife refuges, and stripped locals' access to the pristine beach. These explosive risks will only increase because of three liquefied natural gas (LNG) terminals, with their safety hazards, plan to build within 6-miles of SpaceX. The facility is also actively gentrifying the region by displacing people from their homes at Boca Chica Village. SpaceX should not be allowed to expand and increase the size and scale of these damages.

Our elected officials and SpaceX should not be allowed to privatize or commercialize Boca Chica and further restrict access from the public. Boca Chica beach is culturally and spiritually sacred to the Rio Grande Valley people, especially to the Carrizo Comecrudo Tribe of Texas, who were never consulted about the SpaceX project.

For these reasons, the FAA should reject Elon Musk's plans to expand the SpaceX facility because of the negative impacts on the region. At the very least, the FAA needs to extend the commenting period because of the increase in COVID-19 cases in South Texas and should provide a hearing with Spanish interpreting and closed captioning for the public to ask questions about operations.

Sincerely,

B P  
[REDACTED]

Moorestown, Nj





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**From:** Luis Cavazos <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 11:32 AM  
**To:** SpaceXBocaChica  
**Subject:** Submitting a public comment in support of Starship

I am submitting a public comment in support of the SpaceX Starship program at Boca Chica.

I have been a resident of Brownsville for 50 years and I am in full support of SpaceX Starship program at Boca Chica and the Brownsville area. There has been, and will continue to be an incredibly positive impact in our community. **We have already seen the boom in our real estate market, hotels, retail, and restaurants in our area.**

Our community has always strived to be at the cutting edge; from building the port of Brownsville in the 1930s, to building our strategically located Brownsville/South Padre Island airport where they tested the first jet engine in the 1940s, etc., etc.

Our community needs to embrace our SpaceX partners to bring jobs, economic development, tourism, and stop the brain drain that we've experienced for over 50 years.

Best to all,

**Luis Cavazos**

[REDACTED]

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**From:** Travis Martin <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 8:38 PM  
**To:** SpaceXBocaChica  
**Subject:** Thanks for all the hard work keeping SpaceX working!

My name is Travis Martin, I'm a Software Engineer in Seattle, WA and I represent myself and my family as a fan of life and humanity and I have no financial relation to SpaceX.

I've followed SpaceX since its first Falcon 1 launch. It's given me immeasurable amounts of joy and hope for the future of our species. I have three daughters who are similarly affected.

I AM an environmentalist, but only to the point that it is relevant to humanity. If sea turtles help humans be happy in some way, we should be happy to protect sea turtles.

But I'm fundamentally an engineer, and I understand that living as humans in this world requires tradeoffs. Nothing is perfect. We can't drop all technology and switch to an agrarian society. Technological advancements are happening across the world and we need to use this new technology to help humanity live in harmony with the world.

We need to solve climate change, and we need to solve it soon!

Humanity is going to grow to about 10 billion humans on this planet, these folks are going to want to live a healthy middle-class lifestyle, and that requires a lot of energy. The FAA can't stop any of this.

We need SO MANY cost-efficient solar panels!

The FAA can't make more solar panels. However, the FAA **can** help to keep SpaceX moving forward in a safe and efficient way.

Starship, will give us cheap and safe access to space and allow us to put controllable mirrors in a 900km sun-synchronous orbit that can allow our huge land-based solar farms to work 3 hours before sunrise and 3 hours after sunset. I've run the numbers and this can truly help us become a sustainable civilization. The idea that SpaceX just wants to move us to Mars and give up on earth is a ridiculous strawman.

Starship might even allow us to build space-based solar-arrays to beam power down to the Earth. Climate change is 100% just an energy problem, just solve the energy problem without spewing CO2 into the atmosphere and we're good.

**To the hard workers at the FAA:** Thank you for your hard work on the previous EIS and this new draft PEA. I see a ton of due diligence for things that the FAA oversees. You've done a great job! Keep making the morally good engineering tradeoffs necessary, work with SpaceX to mitigate concerns as needed, but don't delay unnecessarily with a new EIS for things that are outside the FAA's mandate as other commentators have suggested.

Know that you're doing morally good work: You're trying to do what's right. Don't give into these comments saying you're doing all this hard work just to benefit a corporation.

Slowing this down is the wrong choice from a moral perspective.

Also, making life multi-planetary is a moral good.

Also, space mining could help us avoid strip mining on earth, also a moral good.

Also, space based infrastructure will some day save us from a cataclysmic meteor, also a moral good. If you assume that a cataclysmic meteor that kills 1B people happens once every 50M years, then delaying this capability by a year is morally equivalent to losing 20 people.

Any risk that a delay will cause SpaceX to fail should be considered an environmental and moral catastrophe: There's no guarantee of a second chance.

Thank you for your time!  
Travis Martin

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**From:** Dana Diederich <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 11:27 AM  
**To:** SpaceXBocaChica  
**Subject:** To allow the active reduction of orbital trash, I support allowing SpaceX to continue Starship testing

There are many thousands of known pieces of orbital debris that will not re-enter and burn up in a reasonable amount of time. The most feasible way to bring these down is to have many spacecraft that will actively intercept and deorbit them, said spacecraft not producing any additional orbital debris in the process.

This is only possible with a massive reduction of cost per kg to earth orbit, and the only lines of research and development at the moment that are approaching those cost reductions are being led by SpaceX.

To the other requirement, the Starship system will not routinely produce any orbital debris.

While it's somewhat unlikely that we are facing anything like an imminent Kessler syndrome situation, it's better to start sooner rather than later on this cleanup.

Thank you for your attention.

Cheers,  
-Dana Diederich

[REDACTED]

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**From:** Jim Miller <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 1:40 PM  
**To:** SpaceXBocaChica  
**Subject:** Written Comments/Cannot Speak

Hello -

Due to a conflict, I will be unable to speak at the SpaceX Super Heavy Boca Chica Public Hearing #2 on 20 October 2021. My prepared remarks are below. If possible, I would ask if they could be read, if not, submitted as a public comment.

Sincerely,  
James Miller  
not representing a group or organization.  
[REDACTED]

I have read the draft Environmental Assessment for SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas and would like to comment on concerns to protected species and habitat.

The area where the spaceport being constructed is described as coastal land not unlike NASA's Kennedy Space Center in Florida which hosts and co-exists with 1,500 species of plants and wildlife, including more than 61 federal- and state-listed endangered and threatened animal and plant species. In fact, Kennedy is responsible for more protected species than any other federal property in the continental United States (Mersmann, 2020).

In the FAA's investigation of proposed impacts to endangered species in the proposed project area The Texas Parks and Wildlife Department (TPWD) sent a letter to the FAA dated May 29 2012 (Melinchuk, 2012) indicating that 6 species are listed as both state and federally endangered. An additional 3 species are listed as threatened.

Clearly, the Kennedy Space Center, after 58 years in operation, represents arguably one of the most biodiverse areas in the country. It stands to reason that proposed operations at the SpaceX Boca Chica Launch Site in Cameron County, Texas would have similarly minimal impact to protected species and habitat and in fact, would likely benefit protected species and habitat through monitoring, proposed mitigations and lessons learned at Kenney and applied to the Boca Chica site.

No other site in the United States, including Kennedy, provides access to space with such minimal impact, and possible benefit to protected species and habitat as the proposed activities at the Boca Chica Launch Site. I look forward to watching the continued development of Starship and Super Heavy at the Boca Chica Launch Site, comfortable with the proposed mitigations and the FAA's environmental assessment.

Thank you,  
James Miller

Mersmann, K. (2020, March 16). "Protecting Wildlife at Kennedy Space Center" Retrieved from: <https://blogs.nasa.gov/earthdaycountdown/2020/03/16/t-37-protecting-wildlife-at-kennedy-space-center/>  
Melinchuk, R. (2012, May 29). Retrieved from: <https://environmenttexas.org/sites/environment/files/reports/TPWDletter.pdf>

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**From:** [REDACTED]  
**Sent:** Thursday, October 21, 2021 10:50 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

My name is Steven Sanders. I own a small Aerospace firm in Upstate New York. SpaceX is not only leading the United States in space technologies but forging a path for all of humanity to become a multi planetary species. Not only will this massively mitigate future climate damage by moving large populations and a majority of mining/heavy industry off world but also increases the chance of humankind's survival in the event of a global scale catastrophe on either planet. With their partnership with NASA to produce a lunar starship human expansion to the moon as well is almost a certainty. To impede the work of the engineers and scientists at SpaceX will only serve to cause irreparable harm to humanity's future. Please allow them to resume and accelerate the starship program out of Starbase and Boca Chica. Thank you for taking the time to read my comments on the matter and feel free to contact me if needed. [REDACTED] Steven J Sanders CEO OrbitWorks Aerospace Inc

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**From:** [REDACTED]  
**Sent:** Thursday, October 21, 2021 10:33 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

FAA di NOT do its Due Diligence when initially choosing Boca Chia as a viable SpacePort Launch Site. The time is limited that SPaceX will be allowed to Launch as they continue to launch larger and more often. There are 3-5 MUCH better safer launch sites in the US, off of S Padre Island and SpaceX should get ahold of the Company in process of creating them. Marine Forestation Spaceport and Launch sites, 1, 2 & 3 for now. Launch sites will be solid cement platforms attatched to the bottom of ocean, and have 99% Mitigation of any acoustic issues for sealife, and any spills, and can have its own permanent launch lanes in Gulf so no closures needed, and can launch 24/7 as needed. This is the only path forward longterm for SpaceX, and as this is an OPEN spaceport, anyone can launch from these launch sites, use the Spaceports facilities harbor, that should be place on N Padre, off of Port Mansfield. FAA will never be able to allow SpaceX to keep launching longterm, unless the DOD decides to Close off Boca Chica Permanently as a Military Beach, thus closing off BC Beach permanently, and putting BC's preservation forever off a cliff. Does NOT seam likely. FAA needs to step up and get these new launch sites approved and allow them to be set up as such along w/ a spaceport.



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**From:** [REDACTED]  
**Sent:** Thursday, October 21, 2021 10:24 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

To whom it concerns, and I believe that would include all of mankind. I consider myself a person of science and a environmentalist. I am sure that SpaceX would be willing to set a side land and put up the funding to protect any endanger animals. But the vision of Elon Musk could be one of great importants to all of human kind. He has gotten us all to rethink how we care about this planet with the development of the electric car. But his plans to spread out humanity to other worlds would help insure the survival of the most important endangered species all of humanity ! Retired Electronics Field Engineer Gary W. Lay

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**From:** [REDACTED]  
**Sent:** Thursday, October 21, 2021 9:57 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I believe the SpaceX Starship program should be allowed to apply for launch licenses from the Boca Chica/Brownsville area. A program like this is inevitable, and I feel it would be foolish to prevent SpaceX from continuing. They have the support of agencies like NASA and the Military through various contracts and studies, and this rocket, Starship, provides many opportunities that could change day to day life and travel, and increase human presence in space. However, many people have said that they are concerned about the environmental impacts of that Starship program on the nearby nature reserve. While it is important to protect wildlife, I feel like that there is less threat to the species than has been stated. By this point, SpaceX has figured out its fueling processes for Starship and the probabilities of a pad anomaly are relatively low. Even so, SpaceX is testing all vital systems for launch before the actual attempt, including engines and fuel tanks. This means that all systems that could possibly threaten the Boca Chica area will be tested and proved before launch in scenarios where the damage done in case of a failure would likely be low and would likely only damage SpaceX launch facilities. This is reinforced by the fact that they do not want to damage their own expensive, complicated launch facilities that would take months to rebuild, and knowing SpaceX they would want to launch faster than that. Additionally, once they actually attempt landings with orbital launch hardware, the chances of damage would again be low. The Super Heavy booster is essentially a larger Falcon 9, which SpaceX now almost never fails to land. As for the Starship upper stage, SpaceX already knows what they are doing with that as well. Although the majority of starship flights have ended in explosions, particularly SN11, every single failure can be traced to their early prototypes of their raptor engine. As soon as they had more finalized hardware on SN 15, they aced the landing. Even on SN8 and SN10, the maneuver went perfect, and on the others the maneuver failed because the engine failed. Those issues have been fixed, meaning there is an incredibly low chance of failure of the starship landing. Even so, these maneuvers will be practiced away from Boca Chica over the ocean and will be at the stage where chance of failure is low before they attempt anything near Boca Chica. Another big point with this is that all vehicles coming back in will have little fuel left in them, so any failures will be small. For these reasons, I can safely say that SpaceX activities pose low risk to the surrounding Nature Preserves of Boca Chica.

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**From:** [REDACTED]  
**Sent:** Thursday, October 21, 2021 7:37 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I humbly ask the FAA to not engage in regulation for regulation's sake, but instead to use regulation as a service to society. With the help of the FAA, the SpaceX Boca Chica facility will be a shining example for space ports across the US. Right now, the FAA is setting the norms and rules for how a commercial entity can build and operate a facility to access space, therefore it is important that these rules be just and reasonable. Boca Chica is a great location for such a launch facility, being located with an eastward facing path over the ocean. The Gulf of Mexico has 1200 miles of coast in the US, but there is hardly a better spot than Boca Chica to locate a private space launch facility from an environmental, human, and logistical perspective; therefore, if the FAA sets precedent for blocking work at Boca Chica, the FAA is in essence slowing future space projects and investment across the gulf coast and across the nation. This precedent would be hard to reverse in the future. I'm worried that the FAA is becoming radicalized to push science aside and to slow progress in our future by fundamentalists interested only in their quest for power. These fundamentalists don't want to see Boca Chica as a place of hope, invention, and discovery, or as a beacon for the future, instead they want Boca Chica to live permanently in the past. Even worse are the significant interests by external actors both foreign and domestic trying as hard as they can to slow down progress at SpaceX. I hope the FAA realizes that no amount of regulation will satisfy these fundamentalists or bad actors and I ask the FAA to not become a weapon wielded by them. I urge the FAA to set a just and reasonable example for the future of this fragile frontier, and to speed up the regulatory process whenever possible. Apollo and Cape Canaveral have inspired billions of people and were pursued with all imaginable haste, and there is no reason why Starship and Boca Chica should not be pursued with equal urgency. Thank you.

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**From:** [REDACTED]  
**Sent:** Thursday, October 21, 2021 4:12 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hello to all, My name is John Pelletier and I am writing to voice my opinion on possibly one of the most important decision that you will have to make. Not only are you deciding if SpaceX can continue their work, you are deciding if the human race will continue to be bound to this planet. As you are aware with any project, there is always some concerns. These concerns need to be weighed out, measured for it's benefit towards humanity vs a potential impact on the surrounding area. Additionally, you are aware that Kennedy Space Center at Cape Canaveral with it's many launch sites sits directly on Florida marsh wetlands and the local wildlife has adapted to all the launch activity there. I respectfully ask that you grant SpaceX the ability to continue with their construction and test flights at Boca Chica as soon as possible so they are not delayed one day more. Everyday Starship is delayed is one day less is space, on the moon or on Mars. Human civilisation is in your hands, please let SpaceX do what they do best, achieve the impossible. Thank you, John Pelletier [REDACTED]  
[REDACTED]

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**From:** [REDACTED]  
**Sent:** Thursday, October 21, 2021 2:25 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hello, Mr Ragbourne from the United Kingdom. "We all agree with protecting our environment however in this case, we must state that the outcome of our planet will eventually be unfortunately none existent due to international friction only made worse by the threat intercontinental ballistic missiles." In this case we must see the bigger picture a small sacrifice of the environment to ensure the survival of the human race from extinction, is in my opinion acceptable.

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**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 10:59 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

As a major proponent of environmental protection, everything we (humans) do, results in a negative impact on the environment unless it is exclusively to save the environment. Driving a vehicle, harvesting crops, and having non-renewable energy sources are just to name a few things that occur almost every day that harms the environment. With the environmental review, the FAA is, in my opinion, cherry-picking evidence. I believe that the total benefits of SpaceX utilizing the Boca-Chica area outweigh the total disadvantages of using the area. This can be viewed by looking at the total jobs brought in and the total attraction that SpaceX proposes. With SpaceX's progress halted, I believe that humanity's ability to explore among the Solar System and the universe will forever be stifled. Ad Astra, Go SpaceX! Thank you for your time, -Matthew G. Chauvin

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**From:** [REDACTED]  
**Sent:** Wednesday, October 20, 2021 10:15 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Ron Biggs from Edmonton Canada Well first of all, thank you to the FAA for committing to holding SpaceX accountable. It's important, and necessary. Second of all, I'm working my tail off to one day work on the systems that will make life multiplanetary. Yes, I know it's important to be introspective and fix the Earth, but without the advancements that are to be made with the Starship/Super Heavy Launch system, a whole new industry may be grounded before it ever takes off. Fully supportive of SpaceX and others like it which are on the forefront of this budding new industry. On a more personal note, SpaceX has inspired me to pursue a career path in engineering. God speed. Forgive me for my latin but: sic itur ad astra! "thus one journeys to the stars"

[REDACTED]  
 Wednesday, October 20, 2021 9:31 PM  
 SpaceXBocaChica  
 From www.faa.gov: [REDACTED]

My name is Warren E. Jacofield. I am an American citizen, a veteran, a pilot, a CEO, and a former professor.

issue a Finding of No Significant Impact (FONSI). Thank you. [SEP]



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**From:** [REDACTED]  
**Sent:** Thursday, October 21, 2021 12:58 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Gentlemen, I would ask you to continue the license for SpaceX to use the launch site in Texas. We should continue to have a number of options for space launch, both government and private/commercial.

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**From:** Jansky, Michael <[REDACTED]>  
**Sent:** Thursday, October 21, 2021 6:57 PM  
**To:** Tim Engel  
**Cc:** [REDACTED] Houston, Robert; Barger, Cindy; [REDACTED]  
SpaceXBocaChica  
**Subject:** FW: EPA Response to a Citizen Inquiry on the Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy program develop by Federal Aviation Administration (FAA).

Dear Mr. Engel:

Thank you for recent e-mail submitted to the United States Environmental Protection Agency (EPA) on Thursday, October 21, 2021, expressing your personal views and comments on the Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy program published by Federal Aviation Administration (FAA). According to the FAA, SpaceX must obtain an experimental permit and/or a vehicle operator license from the FAA to operate the Starship/Super Heavy launch vehicle. Issuing an experimental permit or a vehicle operator license is considered a major federal action under the National Environmental Policy Act (NEPA) and the Council on Environmental Quality (CEQ) NEPA-implementing regulations (40 Code of Federal Regulations [CFR] Parts 1500–1508 [2020]). This requires an environmental review by FAA which is the lead federal agency under NEPA. Over the next several years FAA may require a number of new or modified experimental permits or vehicle operator licenses issued from the applicant in order to execute the program.

“Enacted in 1970, the National Environmental Policy Act (NEPA), [42 U.S.C. 4321-4370](#), is a fundamental tool used to harmonize our environmental, economic, and social aspirations and is a cornerstone of our Nation's efforts to protect the environment. NEPA recognizes that many Federal activities affect the environment and mandates that Federal agencies consider the environmental impacts of their proposed actions before deciding to adopt proposals and take action. NEPA environmental reviews (the analyses and documentation prepared under NEPA) may be on the project-specific or on broader programmatic level.

The analyses in a programmatic NEPA review are valuable in setting out the broad view of environmental impacts and benefits for a proposed decision such as a rulemaking, or establishing a policy, program, or plan. That programmatic NEPA review (*e.g.*, Programmatic Environmental Assessment (EA), Programmatic Environmental Impact Statement (EIS)) can then be relied upon when agencies make decisions based on the programmatic EA or programmatic EIS, as well as decisions based on a subsequent (also known as tiered) NEPA review. Programmatic NEPA reviews should result in clearer and more transparent decision-making, as well as provide a better defined and more expeditious path toward decisions on proposed actions.

It is EPA’s understanding FAA drafted this Programmatic Environmental Assessment (PEA), to evaluates the potential environmental impacts of the activities associated with SpaceX’s Starship/Super Heavy program. The FAA is not licensing the entire Starship/Super Heavy program because SpaceX does not have the full details of all its planned operations at this time. The applicant, however, has provided the FAA with an initial mission profile that has been analyzed in this PEA.

A programmatic document is a type of general, broad NEPA review from which subsequent NEPA documents can be tiered, focusing on the issues specific to the subsequent actions. The use of a programmatic environmental impact statement (EIS) or EA, and subsequent preparation of a project specific EIS or EA, is referred to as “tiering” the environmental review.

The FAA has recognized that a programmatic review and tiering may be appropriate “to sequence environmental documents from the early stage of a proposed action to a subsequent stage to help focus on issues that are ripe for decision and exclude from consideration issues not yet ripe or already decided.” The completion of the environmental review process does not guarantee that the FAA will issue an experimental permit or vehicle operator license to SpaceX for Starship/Super Heavy launches at the launch site. SpaceX’s license application must also meet FAA safety, risk, and financial responsibility requirements.

As part of the NEPA process, FAA is using multiple methods of stakeholder engagement and public outreach to solicit comments and feedback regarding the proposal. We understand the FAA conducted a public scoping process and is publishing this draft PEA for public review and comment. The FAA sent an email on November 23, 2020, to interested parties notifying them that the FAA was in the beginning stages of conducting an environmental review for SpaceX’s Starship/Super Heavy proposal. The FAA also sent an email December 22, 2020, stating that the agency was holding a public scoping period to determine the scope of issues for analysis in the draft PEA. The email provided an overview of the proposed project and the indication that the FAA would be considering the preparation of a programmatic EA as well as an overview of the FAA’s overall environmental review process.

The scoping comment period was open through January 22, 2021. A total of 321 comments were received between December 22, 2020, and January 26, 2021. FAA evaluated all comments received during the scoping period and were given equal consideration in the preparation of the draft PEA. Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas.

In accordance with CEQ’s NEPA-implementing regulations and FAA Order 1050.1F, the FAA released this draft PEA for a 30-day public review. The FAA provided public notice of the availability of the draft PEA for public review and comment in the Federal Register and on its project website. Following the close of the public comment period, the FAA will revise the draft PEA, as appropriate, in response to comments received, and a final EA will be prepared. The final PEA will reflect the FAA’s consideration of comments and will provide responses to substantive comments. Following review of the final PEA, the FAA will either issue a Finding of No Significant Impact (FONSI), Mitigated FONSI, or issue a Notice of Intent to prepare an EIS.

EPA appreciates your views on the project, however; we ask that your comments be directed to lead Federal agency, the FAA. That is the purpose of the public commenting period to have your views considered by the responsible lead Federal agency so that your concerns can be considered in the decision process under NEPA. At this time it is apparent the FAA has not determined what level of NEPA will be considered. Preparation of an Environmental Impact Statement (EIS) is still under consideration. Because this is a Programmatic EA, a decision on the license issuance for an experimental vehicle permit will require additional NEPA analysis and assessment document preparation, that is part of the tiering process.

We hope this information and response has been helpful bettering your understanding of the NEPA decision making process and we thank you for your interest in this major Federal actions. EPA encourages that you stay engaged in public participation process and attend public meeting and/or hearings, if possible.

Respectfully,

Michael Jansky  
Environmental Engineer/NEPA Specialist

[REDACTED]  
[REDACTED]  
[REDACTED]

Dallas, TX 75270

e: [REDACTED]

---

**From:** Maria Hinojosa <[REDACTED]>  
**Sent:** Thursday, October 21, 2021 10:20 AM  
**To:** SpaceXBocaChica  
**Subject:** In favor of Space X

To whom it may concern:

I am resident of Cameron County for over 50 years and excited and in favor Space X.  
As our future is evolving to new and better things, I believe having Space X in our area will help keep us moving in the right direction.

Best regards,  
Maria Hinojosa

[REDACTED]

[Sent from Yahoo Mail for iPhone](#)

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**From:** Craig McDonald <[REDACTED]>  
**Sent:** Wednesday, October 20, 2021 10:43 PM  
**To:** SpaceXBocaChica  
**Subject:** Message of Support for SpaceX's Operations in Boca Chica

Hello,

I am writing to express simple support for SpaceX's activities in Boca Chica. I've been following the company closely for over 15 years now. They have always seemed to act in a responsible manner, while at the same time single handedly returning the US to spaceflight and global launch services competitiveness. While I understand their operation in Boca Chica is expected to be quite significant, I am hoping we can find a way to allow them to continue their work, without undue delay, for the benefit of all citizens, and if it's not too hokey to say, all mankind.

Regards,  
Craig

---

**From:** Victor Sabala <[REDACTED]>  
**Sent:** Thursday, October 21, 2021 8:53 PM  
**To:** SpaceXBocaChica  
**Subject:** Public Hearing 2

I am retired Master Sargent Victor Sabala a resident of Brownsville Tx since 1993. I came to this town after serving twenty years in the Air Force and obtains my Bachelors Degree at Texas A&I. I was hired by the State of Texas to assist disabled workers return to the workforce. I quickly became aware of the poverty in this part of Texas. There were many colonies without running water or sewers. The majority of high school seniors were reading at or below the 5th grade level. Our children had to move away to pursue their education and when the graduated there were no jobs to return to. For decades this part of Texas has been neglected and there wasn't much hope for the future. There has been improvements the past few years but the most exciting thing is the presence of SpaceX in our community. I firmly believe that they are taking steps to protect the local environment and supportive of the community. There is no bathrooms or other facilities at the beach on Boca Chica. Those that claim they are protecting the beach don't bother to clean it up. The historical sites are the same. Just markers and empty wide open spaces. It was offensive to hear nay Sayers say that cheap Mexican labor is being used at SpaceX. I know people that work there and that statement is untrue. There is no such thing as environmental racism and being Mexican is not a race but a nationality. There will always be people that have their own sometimes misguided agenda they will quote rules and regulations that they interpret as they choose. I trust all involved are making the best effort to keep this venture moving in the right direction. This is a positive movement for our community and I urge your agency to be helpful to SpaceX and move quickly through the process. I am grateful for the tough job that you are tasked with and ask you not to be discouraged by those being critical of the job you do. Thank you.

Sent from my iPhone

[REDACTED]

[REDACTED]





Federal Aviation Administration, Office of Commercial Space Transportation | SpaceX Boca  
Chica, c/o 9300 Lee Highway, Fairfax, VA 22031

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Sent by



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**From:** [REDACTED]  
**Sent:** Thursday, October 21, 2021 9:50 AM  
**To:** SpaceXBocaChica  
**Subject:** Space Ex Expansion

To Whom it May Concern:

I am vitally concerned about the ever-changing ambitions of Elon Musk and Space Ex. I am offended that he appears to think he is operating in a wilderness area, when southern Cameron County is well-populated with vital, intelligent, caring individuals.

I am concerned at his audacity of not only taking over a little town, but wanting to rename Boca Chica Village a name of his choosing.

Eco-tourism is huge here in the Rio Grande Valley, and it is becoming larger. We have many, many species of birds year-round, some who migrate for the winter, some--like the groove-billed ani--for the summer, and some who "over-winter" here, who just don't make it down to the tropics. And we have our own astonishing beauties like green jays and great kiskadees! THIS is the business we need to be thinking of.

And, of course we provide a safe refuge for numerous endangered species, like the ocelot.

Elon Musk came to do one thing and now wants to do more. I am aghast that he's actually spoken of creating a tunnel from South Padre Island to Boca Chica Beach, for example. Boca Chica Beach, long a favorite family gathering base, is being closed more often than he initially agreed to.

Yes, I know Elon Musk is a powerful, wealthy man, and, yes, I have neighbors who are happily employed at Space Ex. But, he must follow our laws and stick to his agreements just like all of us are expected to do.

We must focus on industry that does little or no harm to our environment. And we must focus on eco-tourism and continuing to enjoy the absolute jewel that is our portion of the Rio Grande Valley.

Thank you,

M. Kathy Raines  
Retired English teacher and 40-year resident of Brownsville

[REDACTED]

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**From:** Laura <[REDACTED]>  
**Sent:** Thursday, October 21, 2021 9:16 AM  
**To:** SpaceXBocaChica  
**Subject:** SpaceX Starship/Super Heavy Launch

Dear Board,

I'm contacting you concerning the plans to expand the purpose of the SpaceX site at Boca Chica TX.

Please consider the environmental impact it would have on the unique wildlife corridor. We are already seeing effects on the environment, especially when there is a launch failure. More environmental studies should be done first. Also SpaceX has a site in Florida that is just as suitable.

Boca Chica has been turned from a public beach to Mr. Musk private beach without any consideration to the county's people. His donation of millions of dollars to county officials is not sufficient for the lost of our beach due to closures. The number of closures have increased and with the expansion we would have limited if any use of our public beach. We would have to travel to South Parde Island and pay \$12 to enter the beaches.

It should be up to the county residents to decide by voting on this. The promises made by our county officials and Mr. Musk haven't been kept.

Thank you for this opportunity to express my views. Just because we are a poor minority county does not mean we do not know what this expansion will do to our quality of life.

Sincerely,  
Laura Garcia Robinson

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**From:** emdaves <[REDACTED]>  
**Sent:** Thursday, October 21, 2021 7:15 AM  
**To:** SpaceXBocaChica  
**Cc:** Concepcion Rodriguez  
**Subject:** SpaceX Boca Chica

Hello FAA,

As a Texas resident, I would like to strongly express my support for SpaceX's operations in Boca Chica TX, and I encourage you to grant approval of the launch activities the company is requesting in the area.

This is an American company investing in innovation and developing new space exploration technologies right there in Boca Chica, with potential benefits not only for the area but our entire country and the world.

The impacts to the local community and environment are completely manageable. SpaceX should be given an opportunity to demonstrate their commitment, and to be held accountable should they fail to do so.

Thank you,

David Schwartz  
Addison, TX

---

**From:** Stephen Humble <[REDACTED]>  
**Sent:** Thursday, October 21, 2021 5:57 AM  
**To:** SpaceXBocaChica  
**Subject:** SpaceX Environmental approval.

Hi FAA here is my stakeholder feedback on spacex boca chica and starship I wanted to comment live but missed out. so i am sending this instead.

Even here in Australia, spacex affects us.

We have over 400000 homes or businesses who presently have either no internet or poor quality internet and there must be millions more worldwide - starlink can help them all. Internet access could be considered a basic human right in the modern age so anything that can help facilitate the Rollout of the starlink constellation could arguably count as a humanitarian effort.

As Starship is needed to fully deploy Starlink and help millions of people, I hope the FAA will consider this huge benefit of starlink to those outside the USA as well.

Providing internet by starlink in rural areas is very efficient. It will save years and billions in cost and has excellent quality to many people. Starlink will reduce greenhouse emissions compared to other many ways and could be the only sensible option. Starlink will also reduce my internet bill because Australian government legislation forces NBN Co to subsidise non profitable rural customers from urban customers like me - this amounts to an additional ~\$100 a year my bill and of over 4 million other Australian people.

Starlink would provide a better cheaper service for rural people fast and without needing costly cross subsidisation laws. Millions of Australians do not realise we will be beneficiaries of starship too.

SpaceX is like a goodwill ambassador from the US to the world. Their mission is at the top of my list of most positive things about the USA - I hope the FAA will give starship approval top priority to help bring about benefits to millions of people.

Spacex goal of Making life multiplanetary is inspiring because they are doing it by developing a sustainable fully reusable rocket that could really make that possible.

NASA starship HLS can enable a sustainable lunar outpost just like the ISS(space station) that could add to human knowledge and bring many as yet unknown benefits.

100% Reusability will make space technology and flight more sustainable and more environmentally friendly. Once development is completed less rocket launches will dump rocket stages in the ocean or the air.

The industry savings from cheaper launches on starship will reduce the cost and emissions of space launches. We could have more earth observation satellites to track and control bushfires and other problems better.

The original plan to fly falcon 9 and heavy from boca chica is still essentially valid as although Starship is physically bigger it's more environmentally friendly than the falcon rockets spacex originally expected to launch from boca chica.

Starship is more powerful but may be less noisy due to the launch system and rocket configuration, it's propellants burn very clean and eventually. They will not dump as many rocket stages - getting starship working will benefit the environment.

The cryogenic propellant storage and transport present no long term contamination risk at all whereas the RP1 (kerosine) that would have been used for the falcon rockets originally proposed is much worse. Cryogenic propellants dissipate or burn away fast leaving no mess and even when a test causes wreckage it is mostly inert and easy to clean up so things get back to normal fast It's not like an oil spill where large areas remain contaminated for years afterwards. It is known from Florida that wildlife will quickly adapt to rocket launches.

If the FAA ever approved any rocket to fly Starship at boca chica would have to be the easiest one of all to approve - it causes less possible harm to the environment and delivers the lowest cost per KG of any previously conceived launch system.

I hope the FAA recognizes how difficult what spacex are trying to do is, the financial risk to the company, the risk to the

NASA HLS program and Starlink project, and even your countries leadership in space technology and national security may be lost if the test program is delayed please give top priority to allowing spacex to continue their test program.

As a stakeholder in Australia looking at the USA I ask the FAA to give SpaceX your maximum support and approve their starship launches.

Regards

Stephen Humble from Australia.

---

**From:** Haas, Jennifer <[REDACTED]>  
**Sent:** Thursday, October 21, 2021 6:46 AM  
**To:** SpaceXBocaChica  
**Cc:** Alcala, Sandra; Solem, Rebekah  
**Subject:** Submission of comment | SpaceX Draft PEA  
**Attachments:** Comment - Cong. Vela - FAA SpaceX Starship Super Heavy orbital launch Starbase - 10.21.21.pdf

Good morning,

Please find attached the letter from Congressman Filemon Vela (TX-34) for review and comment regarding the FAA Draft Programmatic Environmental Assessment for the SpaceX Starship/Super Heavy Launch Vehicle Program. Thank you in advance for your consideration.

Sincerely,  
Jennifer

--

**Jennifer Haas**  
Senior Policy Advisor  
Congressman Filemon Vela (TX-34)  
307 Cannon House Office Building  
[REDACTED]

FILEMON VELA  
34th District, Texas

COMMITTEE ON AGRICULTURE  
SUBCOMMITTEE ON CONSERVATION AND  
FORESTRY

SUBCOMMITTEE ON GENERAL FARM  
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PROTECTION FORCES

**Congress of the United States**  
**House of Representatives**  
Washington, DC 20515-4334

October 21, 2021

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(560) 520-8273

Ms. Stacey Zee  
Federal Aviation Administration (FAA)  
c/o ICF  
9300 Lee Highway  
Fairfax, VA 22031

Dear Ms. Zee:

As the U.S. Representative for the 34<sup>th</sup> Congressional District of Texas, I write in strong support of the application submitted by SpaceX to the Federal Aviation Administration (FAA) to conduct Starship-Super Heavy orbital launch operations from its Starbase facility.

Since first breaking ground in Cameron County in 2014, SpaceX has considerably expanded economic opportunities for the people of the Rio Grande Valley by hiring area residents and investing in initiatives that build upon and improve the region. For example, since January 2020, SpaceX has increased the number of full-time employees at Starbase from 100 people to more than 1,500, generating high-skilled jobs throughout the local workforce. In addition to direct job creation, SpaceX relies heavily on small business suppliers and has invested over \$32 million into its supply chain in Cameron and Hidalgo Counties. More than 85 percent of these suppliers represent small businesses in my district and support 15,900 jobs throughout the region.

SpaceX has also expanded opportunities for South Texas residents, including providing additional educational enrichment programs for students and workforce development opportunities, thereby fostering a pipeline of talent that will be instrumental in building the state's competitive leadership in space technology. SpaceX advances the state's rich history in human spaceflight, sparking interest in the community for Science, Technology, Engineering and Math (STEM) and encouraging the growth of highly skilled trades such as welding, which draws from the talented Rio Grande Valley workforce.

Finally, SpaceX contributes to the community in efforts to promote environmental stewardship and works to preserve its natural resources. For example, Starbase employees and volunteers host quarterly cleanups at Boca Chica Beach and State Hwy 4. In one instance, SpaceX helped to restore power to the Military Highway Water Supply Corporation, making potable water available to more than 6,000 people in Los Indios. During the 2021 winter storm, SpaceX carried out a campaign to assist the rescue of more than 850 sea turtles that were cold-stunned on local

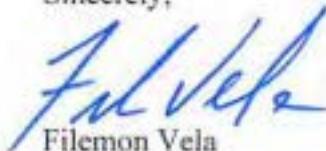


beaches and, as part of a six-year partnership, provided a large generator to restore Sea Turtle Inc.'s rehabilitation center.

FAA's completion of the Environmental Assessment will enable SpaceX to continue advancing critical new technologies in South Texas and provide continued economic and social benefits for the region. Routine orbital launches with Starship will drive new capital, personnel, community investments, and tourism at Starbase and enable South Texas to become a Gateway to the Moon and Mars.

I appreciate the FAA's work as the lead Federal agency coordinating an updated Environmental Assessment (EA) for SpaceX's proposed action and encourage the FAA's timely completion of the EA.

Sincerely,



Filemon Vela  
Member of Congress

---

**From:** adam smith <[REDACTED]>  
**Sent:** Thursday, October 21, 2021 10:54 AM  
**To:** SpaceXBocaChica  
**Subject:** Support for experimental permits for SpaceX

Dear FAA,

My name is Adam Smith, I am a PA resident and I would like to voice my support for providing SpaceX with either the experimental permits or operator license needed to conduct the test launches for the Starship prototype program without any additional environmental and or regulatory studies.

In my opinion the work SpaceX is doing represents the interests of our nation's national security. Currently several nations, including China and Russia, are spending significant resources in developing rocket technology and infrastructure to increase their presence in earth's orbit and beyond that may pose a risk to our global military superiority. SpaceX is developing a program of products and systems that will allow the United States to deploy assets to orbit and beyond on a large scale at a significantly reduced cost compared to traditional launch systems. Any delay in developing this program will give our geo-political adversaries time to take the lead in what should be considered a space race of the 21st century. SpaceX's competitors have not been able to make the necessary advancements and lack the innovative teams needed to provide what is needed for both defense and civilian industry needs. NASA's choice for SpaceX to return America back to the moon is a perfect example of this as SpaceX has the experience, drive, motivation, and cost effectiveness that other competitors lack.

If SpaceX is held back by additional environmental and regulatory reviews both military and civilian government contracts will be delayed and our adversaries will take that time to gain an advantage over our country. We must return to the days of the America/Russia space race mentality as other countries are quickly gaining on our superiority and we must not be complacent.

thank you,  
Adam Smith

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**From:** Michelle Comer <[REDACTED]>  
**Sent:** Thursday, October 21, 2021 6:48 AM  
**To:** SpaceXBocaChica  
**Cc:** Brock Murphy  
**Subject:** Texas A&M Support Letter  
**Attachments:** Texas AM Support Letter.PDF

Good Evening,

Attached is the Texas AM Support Letter, dated October 20, 2021, from Mike Hernandez, Regent Texas A&M University System.

Please let me know if I can be of further assistance.

Regards,

*Michelle Comer*  
*Executive Assistant | Hernco*  
*Office - (817) [REDACTED]*  
*Mobile - (817) [REDACTED]*  
*Fax - (972) [REDACTED]*



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*From the desk of*  
*Mike Hernandez*

1400 W. 7<sup>th</sup> St.  
Suite 200  
Ft. Worth, Texas 76102

October 20, 2021

Federal Aviation Administration (FAA) c/o ICF  
Attn: Ms. Stacey Zee  
Environmental Specialist  
9300 Lee Highway, Fairfax, VA 22031

Dear Ms. Zee:

The Texas A&M University System would like to take this opportunity to express our fervent support for SpaceX's application to the FAA to conduct Starship orbital launch operations from Starbase in Cameron County, Texas.

Here at Texas A&M, we place a particular emphasis in leadership. Not only do we lead by example in everything we do, but we prepare our students to be innovators who are ready to create solutions to some of the most complex problems. We believe that SpaceX shares this mentality of leadership and innovation as they lead the charge in space exploration.

Since their establishment in the region, SpaceX has worked to bolster their community ties, particularly when it comes to educational opportunities for youth and young adults. Currently, there are 15 Aggie interns getting first hand space technology experience at Starbase, an opportunity that previously would have been much more difficult to coordinate for our students.

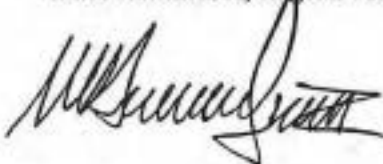
Additionally, SpaceX is conducting regular Starbase tours, hosting around 2,000 students this year alone, and educating them on the potential of space exploration. We are confident that this student outreach will encourage and inspire future students to pursue their dreams of higher education.

SpaceX has also kicked off a capstone project with our senior design mechanical engineering students to create geodesic domes capable of supplying food on the Moon and Mars.

We are excited to have an industry leader like SpaceX as a part of the community, and excited about all the future growth and opportunities the company could bring to Cameron County. We also look forward to continuing to partner with SpaceX to provide job and education prospects to the leaders of the future. For these reasons, we request that the FAA please approve SpaceX's application.

Very Respectfully,

Mike Hernandez, Regent Texas A&M University System

A handwritten signature in black ink, appearing to read 'Mike Hernandez', with a stylized flourish at the end.

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**From:** will thomson <[REDACTED]>  
**Sent:** Thursday, October 21, 2021 11:59 AM  
**To:** SpaceXBocaChica  
**Subject:** With regards to SpaceX's environmental review

Hello!

I wanted to contribute my opinion during this review process as an enthusiastic citizen.

Launching giant rockets into space is necessarily going to have a large impact on the environment around the launch site, and SpaceX has the resources and the capacity to be held accountable for reducing this to the most responsible level.

A balance must be struck between the interests of SpaceX as a company, and the interests and well-being of the local Boca Chica community, it's wildlife, and it's environment as a whole.

The perspective that I would like to impress here, is that I believe special considerations should be made in the leeway that SpaceX should be given in contrast with any other commercial interest that may have tried to develop the same piece of land.

SpaceX fundamentally represents something different in spirit than say an Amazon sorting facility, or a Dow chemical plant.

SpaceX's goal of drastically reducing the cost of lifting payloads into orbit (if successful), will undoubtedly bring untold amounts of interest, commerce, and employment into the Boca Chica area. These things could be very beneficial to the current residents and future generations of the area. Just like in the past (and not unlike it would be if this were say; a Dow chemical facility being discussed), the federal/state authorities and the local residents will have to work together to balance these potentially huge benefits against the huge amount of disturbance that a growing and developing SpaceX facility might represent.

The success of this SpaceX facility adds another factor that I think must be considered here though:

For SpaceX ,the effort of reducing the cost of lifting payloads into orbit is based on two principles that already carry environmental implications:

1) Increasing vehicle efficiency at large and interplanetary scales. This both reduces the amount of overall fuel that needs to be consumed, potentially reducing overall long term carbon emission. This effort has also led them to design engines that run on oxygen/methane, as opposed to other environmentally unfriendly fuels. If NASA had selected south Texas instead of Cape Canaveral for it's launch facility in the 50s/60s, the Boca Chica habitat may have been littered with styrofoam and hydrazine after a launch failure. Stainless steel and methane are a great contrast to almost every historic launch system from an ecological standpoint.

2) Making their first stage vehicles reusable. Up until the success of SpaceX in this realm over the last decade, every first stage vehicle historically was single use, and rarely recovered. Imagine the tens of thousands of

vehicles that have lifted payloads into orbit over the last 70 years, and imagine how many of those boosters are on the ocean floor just off the coast of the facilities they were launched from?

So not only are the methods that SpaceX is using within their very approach to reduce orbital payload costs environmentally sound in the long term, but most importantly the enormous reduction in payload costs that SpaceX's technology stands to provide will have global ramifications on the accessibility of space for programs out there trying to protect the environment (like Envisat).

In conclusion:

Let us imagine that SpaceX's current property had been selected for an Amazon sorting facility or a Dow chemical plant. Perhaps the powers involved in this environmental review process may have denied them in order to protect the land and habitat. Perhaps they may not have, and perhaps these companies would have gone on to make lots of money to benefit the local community and economy. You can imagine thousands of different corporations that could capitalize off of that land, but that's all they would do. I don't doubt that SpaceX is just as greedy, and self-serving as any other corporation or company on this planet, and they stand to make an utter fortune if their technology pans out the way they plan, but the consideration that I finally ask here is:

What if the technology, the drive, and momentum that SpaceX has and represents, is a one time opportunity that if we impede or stifle, might have deeper environmental and global ramifications?

-Will Thomson

Sidenote: I use Amazon and Dow as comparative examples because I'm in awe of the size of the facility that Amazon built north of my hometown of Austin, and I always try to imagine how many chemicals were dumped into the Rio Grande by the now defunct Dow chemical plant across the border from La Linda (Just below Big Bend).

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**From:** Jan-Mikail Aslar <[REDACTED]>  
**Sent:** Friday, October 22, 2021 5:40 AM  
**To:** SpaceXBocaChica  
**Subject:** Comment for the Environmental Assessment for Starship

Dear Ladies and Gentlemen,

With this email, I would like to submit my thoughts on the environmental effects on SpaceX's Starship/SuperHeavy orbital flights. I confirm hereby that I've read the entire Assessment provided by the FAA plus additional Environmental impact reports of rockets.

But first of all, I would like to introduce myself. My name is Jan-Mikail Aslar and I am a mechatronics engineering student. In addition to that, I work at an organic food store. I would consider myself as an environmentally conscious person with the attitude of a technological person.

I would like to begin starting with the benefits SpaceX brought to the local community in South Texas and Texas in general.

Even though I am not a local, I know several people who are very happy and proud that a company like SpaceX has settled in their community. SpaceX does not only employ around 2000 people at Starbase but also opens up the opportunity for many college and high school students to join the company as they grow.

In addition to that as Starbase continuous to grow many local businesses will have the chance to build and employ people.

SpaceX's engine facility in McGregor, Texas will expand and many more people have the chance of a good job and life. Now, to connect on that to the environment.

The Starbase facility will incorporate more and more Tesla vehicles which are built in Austin, Texas. This stretches the economical efforts for the state of Texas not only from SpaceX but also from Tesla. As there will be ultimately tens of thousands of new jobs in Austin.

In addition to that SpaceX will most likely incorporate heavy-duty trucks and pickup trucks from Tesla. Which will drastically lower carbon emissions in the not too distant future.

Speaking of the environment. At the moment the Space launch industry pollutes way under 1 % of global CO2 emissions in a year. This factor will not result to >1% of global emissions a year when SpaceX launches as many ships to orbit as stated in this environmental assessment. We should worry about other industries that pollute way more CO2 in a year and fix those first.

Now I do worry about the current rocket propulsion systems that utilize kerosine, solid, or other liquified fuels that do not burn clean. Those burn not only CO2 but a higher percentage of toxic materials like heavy metals.

Now the Methalox propulsion system is only burning CO2 and water vapor. As well as a very tiny amount of NOX and nothing else.

Now as I said when SpaceX launches the annual proposed number of orbital flights. The overall CO2 emissions will not rise very much in retrospect to other heavy polluting industries.

After the initial testing period is over in a couple of years or so. SpaceX and Elon Musk proposed publicly that Starships will launch three times a day in order to make the colonization of Mars possible. As well as explore the solar systems. Then SpaceX will make use of the Sebatier process in order to make Starship entirely carbon neutral. Where 2H2O and CO2 will be converted to CH4 and 2H2O with the the step of electrolysis in between.

Now with that said, why doing this all in the first place? Not only to colonize the solar system. But protect Earth and humanity by ensuring it's overall existence. We must avoid the chance of extinction and explore the universe to ensure the existence of knowledge.

Well, with that said. I am absolutely in favor of the FAA providing SpaceX the launch license for orbital flights.

Sincerely,  
Jan-Mikail Aslar



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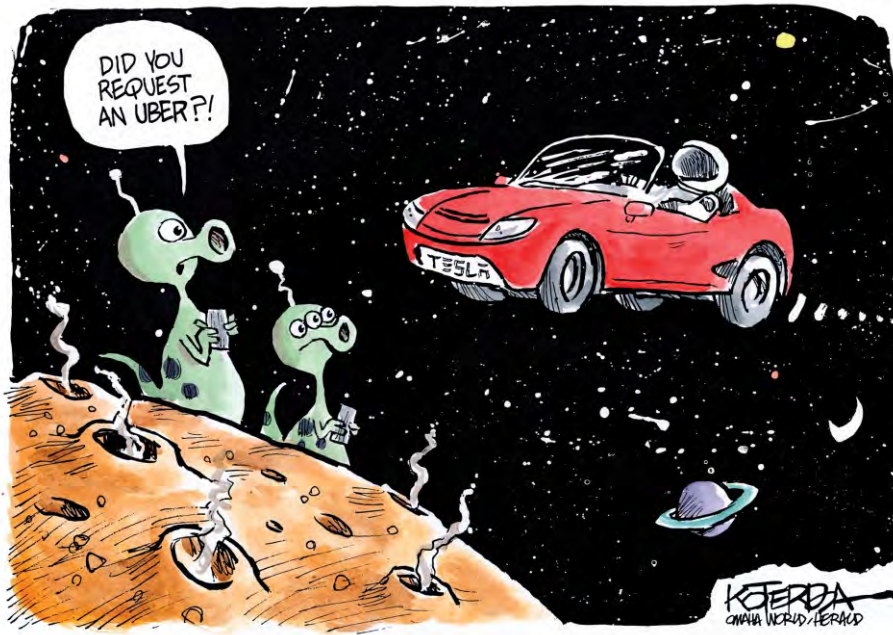
**From:** christian gibson <[REDACTED]>  
**Sent:** Friday, October 22, 2021 8:18 AM  
**To:** SpaceXBocaChica  
**Subject:** Comment to FAA on Boca Chica environmental issues  
**Attachments:** FAA2.pdf

Hello FAA - in the attachment I am sending you a comment for the FAA environmental assessment of Boca Chica space port development. Please note the text at the bottom of the document...

Regards

Christian Gibson

Netherlands



Hello FAA – I am a European citizen living in the Netherlands. I don't know if the FAA is looking for environmental assessments of the Boca Chica site from non-American citizens? But anyway: climate is of global importance – we are all concerned about the future of planet earth!

Specifically, regarding the development of the Boca Chica space launch site and the effect of this development on the environment, the local population are probably better qualified than me to comment on local effects. But one environmental issue stands out above all others. Boca Chica space port was conceived by SpaceX CEO, Elon Musk, with the long term vision of making the whole solar system accessible for the benefit of humankind. EM himself has been active building other companies (Tesla) aimed at reducing the greenhouse gas emissions caused by road transport.

It would be economically devastating for the local population and it would be enormously detrimental to the environmental interests of the US as a whole to prevent optimal use of the Boca Chica space port by SpaceX. You have all got your work cut out to maintain a position of world leadership faced with upcoming power hungry nations such as China and the Russian Federation. China is currently reducing its emissions whilst the US emissions continue to grow. So PLEASE PLEASE don't shoot yourselves in your feet. Let SpaceX do its stuff. You will benefit the environment and the world by doing so!

BTW – This is what your website is showing:

Our European visitors are important to us.

This site is currently unavailable to visitors from the European Economic Area while we work to ensure your data is protected in accordance with applicable EU laws.

---

**From:** Gary Rickert <[REDACTED]>  
**Sent:** Friday, October 22, 2021 11:47 AM  
**To:** SpaceXBocaChica  
**Subject:** Draft Programmatic Environmental Assessment (PEA) for the SpaceX Starship/Super Heavy Launch Vehicle Program at the SpaceX Boca Chica Launch Site in Cameron County, Texas.

My name is Gary Rickert,

As a child of 'Duck & Cover', Sputnik, ICBMs, world leaders at the UN saying they would bury us, SPACE was scary. Then, I was assigned by Mr. Banks, my HS Civics teacher to write a report on what turned out to be Kennedy's "because it is hard" speech, and have since been consumed with the hope of space; working in it in So Cal in the 80's.

Since however, I have grown to believe, as I think Elon believes, that our government will never be able to fulfill the " Moon & Mars habitation " we were promised by 2000. WE invested so much private and public capital preparing for those missions, right up to today; but we have thrown the execution away for short term political gains, rather than being driven by the science we created.

Elon has been fortunate enough to be able and willing to fund, develop, and execute the production of the transport that will colonize Mars, has always concentrated on safety and the environment; but asks in return that the effort be supported in a way commensurate with the value of the mission.

WE waste time that the human race, and as far as we know all sentient life may not have. As an American, a Veteran, a Texan, a Father and Grandfather, I beg you to be the shining light for the 21st Century approach to Commercial Space and to approve Boca Chica as a SpaceX SpacePort and launch activities FAR beyond the PEA's 2022 estimate.

Thank You

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**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 4:59 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

This is one of the best things that has happened in a long time. I'm 61 and I can remember from when I was less than 1. A lot has happened. This could become transformative. Please use my taxes to help them people (Spacex)

---

**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 4:53 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

i grew up in central florida during the apollo era. the 5 minute interruption in activities created by the sounds generated by a rocket are an extremely small price to pay for the extreme benefits accrued. i have heard about no serious environmental problems with KSC launches which occur in a similar environment to the spacex site. some people are against progress...screw them and the horse they rode in on

---

**From:** [REDACTED]  
**Sent:** Thursday, October 21, 2021 9:37 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Elon! I have been following you for a few years and I absolutely love what you are trying to do for humanity. Think! You are aspiring to make a difference. I know you weighed the risk, but where is your response to this unfortunate event? That's all I am looking for and I can't find it. Your dream just blew up and it could have been disastrous (more so). Remember that you are aspiring to make a difference. Take a few of those extra hundreds of thousands and put it toward safety. Please.

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**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 5:55 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hi, I think Boca Chica is an ideal location for SpaceX operations. Texas officials suggested the same to Elon Musk when originally showing him the location. And therefore, they should go to bat for him now. Thanks, David

---

**From:** Juan Roa <[REDACTED]>  
**Sent:** Friday, October 22, 2021 11:11 AM  
**To:** SpaceXBocaChica  
**Subject:** Positive Impact Statement  
**Attachments:** ROA Positive Impact Statement.pdf

Good afternoon,

Attached please find a positive impact statement on behalf of Roa Brothers Construction for FAA's assessment.

If any additional information is required, please let me know.

Thank you,  
Juan Roa





**Roa Brothers Construction LLC**  
**22 October 2021**

This letter is written on the behalf of Juan Roa and Ricardo Villagomez, owners of Roa Brothers Construction. We are a local, family-owned construction company based out of San Benito, Texas. We began Roa Brother's in the middle of the COVID-19 pandemic as we were let go from our jobs at the time. After a few months of residential projects, we were able to obtain a contract with SpaceX in May of 2020. SpaceX has become our #1 vendor and has supplied us with ongoing projects for the past year and a half. This has allowed our business to grow exponentially! Our crew of 4 has increased to 20 plus employees who are able to maintain a stable job above minimum wage to provide for their families. As our community and country has been affected by job losses due to the ongoing pandemic, the opportunity SpaceX has provided to our company is one that we can not be more thankful for. We enjoy working at SpaceX and believe that it will continue to make a positive impact in our company and the community of the Rio Grande Valley!

Juan Roa, Owner  
Ricardo Villagomez, Owner  
**Roa Brothers Construction LLC**

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**From:** Jamey Dewar <[REDACTED]>  
**Sent:** Friday, October 22, 2021 12:01 PM  
**To:** SpaceXBocaChica  
**Subject:** PSpace X - Draft PEA

Hello,

I am generally positive in my support for Space X but would like to submit the following comment:

The Draft PEA did not assess the impact of how rocket noise would impact animal life under water in the wetland areas surrounding the launch pad. It's most likely that the intense noise will be significantly reduced or muffled by the water. However, it may be worth looking into this from a scientific standpoint to make sure that adjacent sea life would not be deafened or harmed. If harm is found to be likely to animals under water in the adjacent wetlands is there a simple way to mitigate this by building an earth berm or sound barrier or wall around the perimeter of the launch facility that would deflect the noise back up into the air and away from the water line.

Sincerely,

Jamey Dewar  
[REDACTED]

---

**From:** Eva-Jean Dalton <[REDACTED]>  
**Sent:** Friday, October 22, 2021 11:36 AM  
**To:** SpaceXBocaChica  
**Subject:** public hearing comments on SpaceX

To whom it may concern:

I am not in favor of the SpaceX project at Boca Chica. The last time they launched, my whole condo was shaking. I thought the glass in my patio doors was going to break. I am now seeing hairline cracks in my tile. I am very worried about this kind of launch ever again.

I have heard from many folks on the Island, experiencing the same issues.

I am a real estate broker and believe we are experiencing foundation problems from these launches and will continue to become worse. This will affect all of our property values.

I live on South Padre Island and I serve on the South Padre Island City of Council. I am very surprised that SpaceX does nothing to reach out to the city about their projects and possible mitigation issues. All we would need is one of those rockets to go the wrong way and blow up our Island.

Eva-Jean Dalton  
South Padre Island resident

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**From:** Michael RODRIGUEZ <[REDACTED]>  
**Sent:** Friday, October 22, 2021 9:01 AM  
**To:** SpaceXBocaChica  
**Subject:** SpaceX

I fully support SpaceX use of the land at Boca Chica and the surrounding area. As a Texan of Mexican descent, I find their work inspiring and am extremely confident that their efforts will inspire generations of people to explore space and thru these efforts discover new methods of tackling and overcoming many of our current environmental and technological challenges. In addition, the border region of Texas has some of the lowest wages and highest poverty level in the country. As a former resident of McAllen and Mission, TX I can attest to this. SpaceX brings well paying jobs that is lifting and will lift the economy and financial future of of the entire RGV.

Thank you,

Sincerely,  
Michael Rodriguez

Sent from my iPhone

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**From:** Gary Turnage <[REDACTED]>  
**Sent:** Friday, October 22, 2021 8:26 AM  
**To:** SpaceXBocaChica  
**Subject:** Starbase Facility

FAA  
To whom it may concern,  
As a resident of Texas I would like to make my opinion known about the SpaceX facility in Brownsville Texas. First I am happy that SpaceX is creating jobs in one of the poorest communities in Texas. This provides hope for the local community and jobs to help sustain the market. Secondly, I believe that the exploration aspect that is brought to the area provides students in the area something to dream about, which may lead to passion and action which ultimately will have a positive impact on the families of those children.

Please approve the the requests made by SpaceX to further their development of the Starbase facility.

Thank you,  
Gary Turnage  
[REDACTED]

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**From:** Dan Moser <[REDACTED]>  
**Sent:** Friday, October 22, 2021 1:09 PM  
**To:** SpaceXBocaChica  
**Subject:** Approval of SpaceX launch site development and use

To whom it may concern,

I am a semi-retired aerospace engineer living in Utah, and am very encouraged by the progress being made by SpaceX to develop a truly revolutionary space transportation capability at Boca Chica, Texas. I urge the FAA to approve the completion and permit operation of this production & launch facility, given proper accommodations to minimize harm to people and wildlife in the area.

Aside from the obvious benefits to the local economy of this poverty stricken part of Texas, as well as the entire state and the nation, the development of this very promising space transportation facility is essential to preserving life on this planet in ways that you may not be aware of. It's not only for sending explorers to the Moon & Mars.

For many years, we have known of the destructive potential of large asteroids colliding with the Earth. In order to protect our fragile biosphere from this destructive threat, we need a defensive capability consisting of large scale devices and methods to deflect these dangerous objects away from a collision course with our planet. One of the best strategies for this is to establish a Moon base and begin construction of electromagnetic mass drivers (AKA rail guns) that are capable of hurling lunar masses towards threatening asteroids at high velocity. While perhaps not able to obliterate the asteroid, repeated high velocity impacts of projectiles made from lunar raw materials can nudge the asteroid into a trajectory that does not intersect with the Earth. Because of the large amount of raw materials and reliable solar energy available on the Moon, combined with its relatively shallow gravity well, this strategy is far more effective than the alternative of launching thousands of missiles from Earth in an attempt to achieve sufficient deflection of the asteroid's path.

It would be tragically foolish not to accelerate the establishment of this planetary defense capability on the moon as soon as it is feasible. The clever SpaceX Starship design has now made it feasible, via a rapidly reusable launch system, of which the Boca Chica launch/landing facility is an essential part. While I am sympathetic to the fears that some have of the environmental impacts of the proposed SpaceX facility, these fears are out-weighed by the massive potential benefits of this production & launch/landing facility. I would hope every effort would be taken to minimize the environmental impacts, but I would also hope there is wide agreement that it is far more important to enable the protection the entire biosphere than it is to reduce localized stresses to wildlife in the Boca Chica locale. I have visited both Wallops Island, VA and Cape Canaveral, FL launch sites, and my general impression is that these places have abundant wildlife that is seemingly unaffected by an occasional rocket launch.

For the sake of all life on Earth, please expedite the approval of the Boca Chica launch facility.  
Thank you.

Sincerely,

Daniel J. Moser, President/CTO  
Compositex, Inc.

[REDACTED]  
[REDACTED]  
[REDACTED] phone/text  
[REDACTED]



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**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 8:13 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

#RespectForTruth Hello FAA – I am a European citizen living in the Netherlands. I don't know if the FAA is looking for environmental assessments of the Boca Chica site from non-American citizens? But anyway: climate is of global importance – we are all concerned about the future of planet earth! Specifically, regarding the development of the Boca Chica space launch site and the effect of this development on the environment, the local population are probably better qualified than me to comment on local effects. But one environmental issue stands out above all others. Boca Chica space port was conceived by SpaceX CEO, Elon Musk, with the long term vision of making the whole solar system accessible for the benefit of humankind. EM himself has been active building other companies (Tesla) aimed at reducing the greenhouse gas emissions caused by road transport. It would be economically devastating for the local population and it would be enormously detrimental to the environmental interests of the US as a whole to prevent optimal use of the Boca Chica space port by SpaceX. You have all got your work cut out to maintain a position of world leadership faced with upcoming power hungry nations such as China and the Russian Federation. China is currently reducing its emissions whilst the US emissions continue to grow. So PLEASE PLEASE don't shoot yourselves in your feet. Let SpaceX do its stuff. You will benefit the environment and the world by doing so! BTW – This is what your website is showing: Our European visitors are important to us. This site is currently unavailable to visitors from the European Economic Area while we work to ensure your data is protected in accordance with applicable EU laws.



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**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 12:17 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am a retired Electrical Engineer and an administrator for municipal public utilities. I am a space enthusiast and take pride in what innovators can achieve. I ask your approval of SpaceX's PEA on an expedited basis. There is no reason any identified concerns can't be mitigated.

---

**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 1:40 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Dear sir/madam starship is to important for humanity our children need to be multi planetary species that's the only logical conclusion to save Earth plus how many Elon Musk's r we going to see anytime soon he's 1 in a billion

---

**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 4:08 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

The capability of Starship to open the solar system up to human travel, provide jobs in a new economy, and hopefully one day discover life on other planets, combined with the limited amount of ideal launch locations in the US point to Boca Chica, objectively being a great location for the Starship system. As long as we are careful to accommodate environmental concerns, any minor incompatibilities should side with SpaceX and the future of humanity.

---

**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 5:14 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am trained as a marine biologist and retired after 25 years employment by the University of California, finishing as Manager of the Division of Environmental Studies. While I support the study of environmental impacts, I caution that the outcome is often well-Intentioned but misguided. The California lumber industry was dismantled by environmentalists, leading to overgrowth and devastating fires, blamed on a non-existent drought. Remember the Chinese sparrow. Environmentalists are almost always anti-industry. Take their advice with a grain or two of salt. Eminent Domain may be the appropriate policy here.

---

**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 6:44 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Spacex is a very important company doing the most advanced rocketry on the planet. Please allow them to continue in Boca Chica. This work is needed to advance humanity and to stay ahead of the PRC. As stated above I support Spacex and their work in Boca Chica. Thank you for hearing my input. Scott Woodall

---

**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 8:07 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Your office is a joke! You have let our Government build and test nuclear weapons for decades witch destroy everything including human life! Our Government and its partners test military heavy equipment including missiles, rockets, and underwater bombs all day long destroying all environments. All of this to destroy human life! You have SpaceX which is trying so hard to give human life a chance to always exist and guarantee life, and your office is trying hard to stop it! You have forgotten that your office works for the people!!! Our government is failing us miserably. What SpaceX is doing is a great thing for humanity! Just because NASA failed to succeed at anything doesn't mean you should stop a private company from trying... Shame on all of you!!!

---

**From:** [REDACTED]  
**Sent:** Friday, October 22, 2021 7:31 PM  
**To:** SpaceXBocaChica  
**Subject:** SpaceX Comment

To Whom It May Concern,

I've been in aviation all my life. Soloed 16th birthday, private 17th, and commercial 18th birthday. I have a passion for aviation and space exploration.. I am 66 and remember sitting on the floor watching us take our first steps on the moon, then over the years being confused and sad that we stopped going, and that I could get a job working on the moon. I now also feel the urgency to become multi-planetary. As a friend of mine says, "Every philanthropic cause in history is rendered useless by one meteor." and I would add at this time, by one virus. Several knowledgeable people have pointed out what a small window of opportunity we NOW have to make that jump. I am still a bit of a hippy and always clean up more than my own area when camping, recycle at every chance I get, and have donated to endangered species. However, at this point in time, I feel the risk of losing an endangered animal or wildlife area weighs much less than losing the entire human race. I strongly feel that SpaceX has more than proven to be as, or more, responsible than any other large company. Please move your process faster. It appears SpaceX will be able to launch the first orbital test flight before the end of 2021 and I sincerely hope the FAA and other organizations are responsible enough to help them achieve that timetable.

Thank you for your consideration.

Sincerely,  
Roger D. Bacon  
[REDACTED]

---

**From:** Mark 'Stretch' Batchelor <[REDACTED]>  
**Sent:** Friday, October 22, 2021 8:48 PM  
**To:** SpaceXBocaChica  
**Subject:** Starbase support

Hail  
Please permit SpaceX their orbital license.

Determined  
Stretch  
--  
Smart  
Fast  
Attentive



---

**From:** Charlie Rogers <[REDACTED]>  
**Sent:** Friday, October 22, 2021 5:56 PM  
**To:** SpaceXBocaChica  
**Subject:** Support for SpaceX in South Texas

Hi,

I would like to communicate my support for the south Texas SpaceX facility near Boca Chica beach called Starbase. I am employed by SpaceX here and moved to Brownsville from California to work here but am speaking in this email as an individual not influenced by SpaceX.

The land where Starbase is located may be disrupted by the development of this facility compared to its initial state, but when we add consideration for the number of other locations in the United States where such a facility can be located and the national and global need for the space flight capability this facility provides, I think the impact is more than justified. This location is unique due to its coastal location with ocean to the east and distance to populated areas which allow orbital spaceflight to occur. There aren't many locations fitting this criteria in the lower 48. The national and global need for this facility comes from the need to provide large volumes of payloads into space to provide critical infrastructure like GPS, communications, internet, and more. These critical infrastructures improve quality of living for people around the world.

The benefits of this facility more than justify its impacts and will provide benefits which improve the quality of living for people around of world.

Thanks,  
Charlie

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 11:05 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

100% support the genius of our generation. Lets Elon take us to new frontiers. Respectfully, Dr. Jose Rodriguez Medina Hematopathologist HRP Labs, Puerto Rico

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 12:32 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

we are always with you elon spacex 🙌😎

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 1:25 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am writing in support of SpaceX being approved for their requested launch. Their proven track record of safe launches, both manned and unmanned, along with their continued innovation, form the basis of my support.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 2:23 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support spacex's development in Texas in developing their revolutionary fully and rapidly reusable launch vehicle and accompanying infrastructure.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 3:40 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support the spacex launch on November 1 approve the FAA launch thank you very much

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 4:35 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hi, Please allow SpaceX launch next month! Thanks!!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 6:12 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

FAA Administrators, I write in support of approval of SpaceX Starship development and launching in Boca Chico, Texas. This work will undoubtedly have unrecognized future collateral benefits for many in the fields of medicine, electronics, telecommunication, biology and business. This work will leapfrog humanity to the next level. I thank you in advance for your approval. Melvin D. Burton



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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:44 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Every possible launch made by SpaceX is a leap for mankind. That company is innovating faster than anyone else in history and this is just the beginning. I believe maintaining this inertia towards our future and especially living on another planet and more is essential for mankind. I hope they are allowed to continue as fast as possible. Thank you!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:03 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

To whom it may concern at the FAA: I am writing in support of SpaceX's proposed plan to launch the Starship/Super Heavy booster from Boca Chica. The documented progress made by the SpaceX team and their coordination with the US government and regulatory agencies has been the most inspirational technological advancement in my lifetime. I am deeply grateful for the prompt and thorough reviews conducted by the FAA and other agencies to ensure this progress is achieved rapidly AND safely. Truly, your efforts make me proud to be a US citizen, and these launches give me hope for our human civilization. Thank you for your continued efforts! Sincerely, Matt Schwartz CEO, Virgo Surgical Video Solutions, Inc.

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:13 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am emailing to voice my support for SpaceX's mission for its first orbital attempt by the end of next month. Our continued success in space, enabled by your regulatory process, benefits our country economically but also societally. We must enable innovators, whether it be SpaceX or others, through fast and transparent approval processes in lieu of international competition. Please expedite this launch approval, but of course within the context of it matching your regulatory requirements.

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 10:06 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I think it's good that there are regulations in place to make sure the environment and wildlife around Starbase is protected. That being said, you can't stop SpaceX from doing their thing and being innovative. Don't get too nosy with what they are doing. Just make sure there are safety precautions in place so people in the area are aware of what is happening and figure out solutions to help keep the surrounding environment healthy. SpaceX is going to bring STEM education, innovation and help to the US economy utilizing the southern tip of Texas. Let's support them on their mission, but also be well aware of the environmental/health issues that may arise.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 11:05 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

In my opinion, spacex starship first orbital launch should be approved. They need to test it as soon as posible so they con make improvements on it for the future. Best regards

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 1:25 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Dear FAA, I write in support of Space-X seeking orbital and sub-orbital launch/operations approval at their Starbase (Boca Chica), TX location for their Super Heavy/Starship program. Great achievements require risk and sacrifice. The incredible progress of the Space-X team in striving to make life interplanetary would not be possible without the support of the FAA. I firmly believe we are witnessing an incredible human achievement, which will outweigh any conceivable risk associated with their mission. Thank you, Steve Fowler

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 2:23 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Yo, I want SpaceX to launch starship 20 and booster 4. It's really awesome that the FAA is allowing a public opinion! I'm grateful to have the availability to do so. I may not know what goes on behind the curtains but all I know is that the environment is fine as it is, even if a starship launch fails all that will remain is a lot of stainless steel and ceramics and funky gases left as the result of a RUD. And some burnt grass and a couple of shattered Windows but I believe SpaceX would pay for the Windows to be fixed and the remains to be cleared. #Starship!

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 3:40 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Approve SpaceX for the launch!



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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 4:35 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am writing today to request that SpaceX orbital approval be granted as soon as possible. Their various missions have continually improved and their safety record has nullified all regulatory obstacles. I hope that you will protect all stakeholders by expediting my request and we can soon cheer as the mission touches down in Hawaii as an American success. Thank you for your consideration.

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 6:12 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Space X has made space accessible than ever before with their crewed dragon missions onboard falcon 9 , and with ambition of making human life multi planetary their under developing starship super heavy which is in the prototyping phase plays a significant role . With their maiden orbital launch space X is all set to begin a new space race . As space X is working on improving the human lifestyle and making life multi planetary they have our support.

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:11 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am so excited for this orbital launch!! We are making history!! Please approve this. We are so grateful that you do. Thank you!!!!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:44 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Spacex needs to get gaa approval fir flying starship next month. They are doing such prestigious mission that the whole humanity is not willing to do.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:19 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Good day, Please let the SpaceX Rocket liftoff as it brings humanity closer to living multiplanetary. Thank you!!  
Marcel Zauchenberger

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:28 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

pls make it happen, they are the only ones who are not only there for the money.....

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:46 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I'm supportive of letting starship fly. Please make it a priority to get this ship off the ground!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:56 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I would like to make it known that I think what Space X is doing is great. They are investing in the future for humanity. This company is lead by engineers not MBA that have only profit as a motif. Space X needs capital in order to save the world. You know, I know it and we all know it. Thank you. Pawel Madej



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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:09 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Let SpaceX fly please.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:33 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Dear FAA director, Please award SpaceX permits for testing orbital flight as soon as they are ready. For environmental and other concerns, setup a sensor network around the launch site for monitoring the impact. If such an impact is far worse compared to Cape Canaveral, or Vandenberg, or Blue Origin launch sites, you can ask SpaceX for remedial actions. Science and experimentation is part of us Americans' genes. Please don't delay science and let SpaceX go for launch. I can be reached via email or phone should you have any questions or comments. Thank you. Best Regards Khalid Lateef PhD. Phone: [REDACTED]

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:26 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hello, Just wanted to drop a quick note in my support for the Starship program and its launches. I'm writing this all the way from Sweden in an effort to help the cause of getting FAA approval for the orbital flight. Starship is more than a rocket program. It's a symbol for hope in the American spirit. It's our ticket to one day being able to explore our solar system and beyond, and our most promising program to settle humans on Mars. Our future, America's and the World's future, are dependent on the Starship program. We're at a point in history where it's time to act, because we finally can. Please don't make us all miss this opportunity, and allow Starship to be launched. Thanks for your time. I hope my input can help even in the slightest. Sincerely, Filip Stern Cedell

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:08 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

This is an amazing Project in which we are Mr. musk is really changing the outlook on life and the fact the earth and the global climate change is affecting us so much I think this is a great project that expand the human evolution for so many years to come

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:13 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please don't hinder the progress that SpaceX has/is/will make in the advancement of technology and space exploration. The SpaceX Boca Chica launch is so important!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 10:06 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please approve Elon musk's requests

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 11:06 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please provide the same determination to succeed to SpaceX's attempts to get us to Mars as you would have done with NASA and getting to the moon. Don't allowing the agency to get bogged down with bureaucracy that doesn't enhance safety. For the future of Mankind we need this to succeed, do t let history tell a story where the FAA was a road block to this success instead of the supporting hand it can be.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 12:33 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please supports space x it's good for the world.



---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 1:25 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hey FAA, China is advancing on us. Let Elon do whatever the [REDACTED] he wants. John Paul

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 2:23 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hello federal aviation administration. With so much appreciation and respect for your efforts, I want to send you a message about starship rocket I think we need to support and develop this model because of its great importance in many directions, And also not to delay its launch due to the rapid hitting of the countries

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 3:41 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Approve it please.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 4:35 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I fully support SpaceX mission to launch the rocket 🚀

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 4:35 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I fully support SpaceX mission to launch the rocket 🚀

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 6:13 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please allow Space X to launch Starship in Boca Chica, TX. Thank you.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:43 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am in full support if the starship program because it will make space accessible and affordable for everyone.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:19 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please let SpaceX take the next step towards making us a multi planetary species. What they are doing is inspiring to millions and could inspire the next Elon musk or multiple of them.



---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:28 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

The starship program is the most hope I have felt for humanity in a long time. Don't slow this down, or it might set us back for good. The window to Mars is open now, we don't know what it will look like next week or in a year.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:46 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I fully support SpaceX's starship program and its launches from Boca Chica. I think it is a necessary step in spaceflight and the pace at which SpaceX is advancing is important to humanity as a whole. Thank you

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:56 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please let the progress continue asap 🙏

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:09 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

It is important to have an Elon Musk willing to help all of humanity, the present world is in collapse. Furthermore, we would like to participate in making Mars great, supporting through our Token, as well as close to becoming a global cryptocurrency, to create the first all-electric city on Mars, and why not call it HEXAGON City. We know we're running a little too fast with our thoughts, but with everyone's help it's not that hard. Come on Starship, come on Elon, good everyone.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:33 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Dear officials Its my sincere request all the way from India to please allow SpaceX to conduct their first orbital test flight of Starship vehicle. This test will make us more closer on the goal to reach mars and to have a sustainable future as well as to become a never ending and a multiplanetary species. Yours Sincerely Noel Varughese Hoping for a better future

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:28 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

SpaceX and Starship are ushering in the future of humanity! As a young college student, I hope to look back on these days and be amazed by how much has changed since the days we began returning to the moon and traveling abroad. Surely, this program will have astounding benefits for humanity, not only with exploration, but technological advancement, natural resources, and more. I hope you will give spacex the approval it needs to continue! Thank you.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:08 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hey hey hey Let THE MAN FLY

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:13 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Starship to the Moon!!!!



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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 10:06 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support SpaceX' mission and believe its a step forward in a better future

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 11:05 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please approve SpaceX's application as soon as possible. Recent advances in hypersonic space technology makes any delays in US Space development a threat to security of the US. <https://spacenews.com/chinas-hypersonic-vehicle-test-a-significant-demonstration-of-space-technology/>

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 12:33 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support Elon Musk, he is one of the greatest geniuses in the world

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 1:25 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please allow Space X to launch, they are a huge inspiration to me and millions!

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 2:24 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please approve first orbital launch attempt next month by starship

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 3:41 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hey folks, Please give SpaceX permission to Launch Starship at Boca Chica, Texas. It is the 21st Century, and from studies already completed in Florida's Space Coast, it has shown the heavy activity level there has benefited the wild life and ecosystem in the area over the past 70 years. Same will happen at Boca Chica. Also, it would be beneficial if you could speed up the regulatory process for individual flights. I know it is hard to believe (I have a hard time believing I'm 74 in 3 months time) but it has been 21 years since we entered the 21st Century, and technology change is speeding up. What was good enough for 1970/80 is not good enough for today. Cheers, take care and stay safe (you and your family) <3

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 4:36 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hey there: I'm a big supporter of the FAA doing everything it can to be a great partner of Space X's operations at Boca Chica and the continued rapid development of the Starship program. Thanks! Doug Landry

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 6:14 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I'm in favor of the first orbital launch of Starship Launch System in Boca Chica, TX. It's important for SpaceX, for United States and for all mankind. Hope you can send an approval for SpaceX Thanks! All the best! Bushel Chang



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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:11 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please support and allow humanity to move forward by going to orbit. Elon Musk is amazing

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:42 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support the launch! for Science, -Alex

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:19 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please let the Starship fly! We're more vulnerable as long as we're uniplanetary.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:28 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Good Day, please give support to the efforts of SpaceX as it grows. With your help SpaceX can achieve life beyond Earth. Please open the airway and allow SpaceX to be all it can be as soon as it can be it. With The FAA's permission SpaceX will do just that. Thank you so much. Ryan Spangler aviation fanboy.

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:47 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

It is super important for humanity and United States that SpaceX is able to continue at its rapid pace of innovation and not slowed down by regulations. Their goals/missions are SO IMPORTANT for all humanity!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:56 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Let Elon launch. Don't stand in the way of progress. Speed up your approvals and let's get to work!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:09 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Dear Elon and Space Team, I would like wish for your upcoming journey.I'm from Sri Lanka. Happy to eye witness journey. Good luck?

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:34 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support SpaceX's launch of Starship! Please approve. Thank You Amanda Carroll



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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:29 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am writing to voice my SUPPORT for the SpaceX Boca Chica facility and overall program. I spent several days in October visiting the site and driving up and down the beach to better understand the impact of SpaceX in this area. I truly believe that the economic impact and mission goal of SpaceX will benefit the local area, Texas and the United States of America. Thank you, James Kelly

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:13 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hello FAA I am in support of SpaceX efforts to help the human race. Randall Morrissey [REDACTED]  
[REDACTED]

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 10:06 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am happy to hear the plan for the first orbital launch for SpaceX Starship planned for next month. I have been looking forward to this day as this is an opportunity to make another advancement towards making humans multiplanetary. Please do provide your approval for the launch to proceed. Regards Jibril Lamai

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 11:06 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support SpaceX and their attempt to launch vehicles into space. I live in Texas and I'm proud of our state being the home of space exploration even now as it has been in history. Please approve SpaceX for launch of starship and all of its associated buildings and development. Thank you.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 12:33 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hi there. I strongly support SpaceX in Boca Chica, and elsewhere, in their efforts to make Humanity Multi-Planetary and to develop new space hardware. Good luck SpaceX And thank you FAA for keeping us safe. Kind Regards James Heel

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 1:26 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Dear FAA. I support SpaceX Starship lunch and hope FAA will support SpaceX to make make the Starship lunch as soon as posible to help humans become multiplanetary. Best Regards Albert Wahlsteom

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 2:24 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I would like spacex to be able to resume its testing process of the super heavy and starship program at boca chica.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 3:41 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I fully support SpaceX and believe the safety and environmental measures they have in place in Boca Chica are sufficient for expansion.



---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 4:36 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support FAA mission in favor of Elon musk!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 6:14 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Approve launching!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:11 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Elon musk çabasını takdir ediyorum. 'istikbal göklerde'dir'. Mustafa Kemal ATATÜRK

Translation: I appreciate all Elon Musk's Efforts. "The future is in the skies" Mustafa Kemal Atatürk (founder of modern Turkey)

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:42 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

The most exciting and awe inspiring strand of the future is happening here. The approval and continuation of this mission is not only necessary for the development of humanity, but it brings hope, joy, and inspiration to millions of people around the world. Please help support us in taking humanity to new heights. Thank you, K. V. Karlsson

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:18 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

It's changing the space industry and trying to make it more efficient so I think faa should give the permission for testing new starship prototypes for faster development of these efficient rockets.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:28 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

ELON MUSK est un Homme qui vit pour la planète pour sauver l'écologie donc tous qu'il fait avec qui il travail je leur apporte mon soutien. Et s'il accepte Shiba inu pour acheter des Tesla j'achète pour tout ma famille. Et c'est promis.

Translation: ELON MUSK is a man who lives for the planet to save the ecology so I give my support to everything he does and to those who work with him. And if he accepts Shiba inu, I can buy Teslas for my whole family. It is a promise.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:47 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

SpaceX has already proven to be a very important asset to NASA as it has reduced costs of launching rockets into the orbit for various reasons. With the development of Starship. SpaceX can provide the USA with the option to cheaply launch huge amount of satellites, goods, humans etc to the orbit, the moon and beyond. Starship could hopefully help accelerate the start to an ever growing space industry which will not only help NASA but also could provide a big economic opportunity to the citizens of Earth. Therefore I would request the FAA to pass all the regulatory formalities so that Starship could fly to orbit for the 1st time next month.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:56 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

PLEASE LET SPACEX DO THEIR FIRST ORBITAL LAUNCH. THANK YOU.



---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:09 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hi, Hope you all are doing well. This is Reema Debnath. I am not sure if my message will even count as I am from India. Still, I thought of writing my views and sending it across to you from thousands of miles away. I feel what Mr Musk and SpaceX is trying to achieve as a goal for the entire humanity, it needs your support. My view on this is little different here. Our young generation needs new higher purpose, goals and dreams to achieve. Instead of getting involved in too much of politics which turns dirty very quickly we all know that, and all other different kind of wasted things around, young generation must focus on studies, getting educated and look upto reaching out to the stars or other planets, go to the space. I am sure you would agree that young kids have loads of energy in them and if that energy is not diverted towards a higher purpose, sometimes a new purpose, they will waste it in things which we all may not be so proud of. Climate change is something where everyone must focus now, but along with that a small percentage of global population of youngsters can dream for Space. It will be good for our current young generation and also for the future ones. I think I might have said a lot here but wanted to express my true feelings about SpaceX and their dream projects and what it can achieve is not just about Space or Planets, how I see it is a lot about the young kids and diverting their energy into something for the higher good. I understand that you may or may not agree with my words, but may be you can give it a thought and give your support and approvals to Mr Musk and SpaceX for their dream projects for the entire humanity and especially for the new generations. Thank you, Warm Regards, Reema Debnath

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:34 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I approve of this build and I approve of space x's ideals.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:56 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Let SpaceX further there progress, Let the USA Lead!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:09 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

i would love for the spacex flight/construction to take place. lets further our reach into the cosmos. please consider the earliest launch for the speed increase of progressing humanity.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:13 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I want to see it fly.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 10:06 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Dear Sir or Madam, I would like to add my voice to those in favor of allowing the orbital launch planned by SpaceX to move forward. SpaceX and Elon Musk have done so much to bring new technology to astronautics and a breath of optimism to the entire world. SpaceX is dedicated to the dream that began over 60 years ago with Mercury then Gemini and, of course, Apollo programs. I follow the activity at Boca Chica, and find it fascinating. I also notice the wildlife is still there, so it does seem they all live in harmony. SpaceX's achievements and plans give all Americans a sense of pride again. Something that we really need in these trying times. And I have seen wildlife migrate if their home is threatened, which does not seem to be happening here. I have also noticed the late night warning siren for various tests is muted in deference to the neighboring towns. In closing, I believe Mr. Musk and his team have not run roughshod over either the people or the local natural habitats, and should be allowed to continue with their plans to elevate the human race to our next level of a space-faring world. Thank you for your time and kind attention. Warm regards, Debbie Kalkstein Pittsburgh, Pennsylvania

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 11:06 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Strongly in favor of certifying Starbase for orbital launches. Thanks, Mark Peterman, MD Dallas, TX

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 12:33 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

ASAP Please ! Thanks, Mauro --- Yesterday, Elon announced Starship's first orbital launch attempt by next month, pending regulatory approval. You have one week to help make that happen! Submit comments for your support to FAA by Nov 1: EMAIL FORM - <https://t.co/Ul6kFYbHSg> EIS - <https://t.co/j2OgKsSqKS>  
<https://t.co/T0uvPTaEfT>



---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 1:27 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Well, The only chance for humanity to get multiplanetary species. Do not let it go. Humanity is waiting to see the next great thing happening. please approve the flight test for space X. Thanks.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 2:24 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support and am in favor of SpaceX launching/landing sub-orbital and orbital rockets from Starbase, Boca Chica.  
Thank you

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 3:41 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

In support of Starbase, TX: It was widely reported in August of 2014 that the state of Texas offered incentives in the amount of "more than \$15 million" to SpaceX in order to facilitate the creation of the world's first commercial spaceport. This came with a commitment by SpaceX to invest \$85M in the local economy and create at least 300 jobs. In July 2014, the FAA issued approvals to make this a reality. I urge the FAA to again issue all necessary approvals for this launch complex to become fully active, and I would like to point out the following: When the original plan was proposed, the launch vehicles were to be Falcon 9 and Falcon Heavy. The switch to make Starbase a launch site for the new Starship launch system is likely an improvement in the overall environmental impact. The Falcon family of rockets use RP1 propellant, and launch on the power of the Merlin gas generator cycle engines which pump exhaust overboard. Starship uses Liquid Methane propellant, and features the revolutionary Raptor full flow staged combustion engine, which keeps all gasses in the combustion cycle for unparalleled efficiency. This results in a much cleaner burn, and emissions that are far less harmful to the environment. SpaceX, the state of Texas, and the FAA all knew what a fully functioning commercial spaceport would look like. It seems the FAA has bowed to a vocal minority of activists, and the state of Texas has been oddly silent in the matter rather than fighting for their investment as one might expect. In that light, once again, I urge the FAA to issue all regulatory approvals needed for Starbase, TX, to become what it was always intended to be under full disclosure and previous support of all parties.

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 4:36 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am not native American, but i like to support SpaceX drive. It will be a big gain moving from the one way rocket (landing in the ocean) filled with kerosine (toxical cancerogene..) towards multi launchable sysems.

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 6:14 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

He is absolutely changing the world, creating jobs brining Hope inspiration to many people and many families!  
Let him do what he needs to, it's time to make the world a better place, do t you think!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:11 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support the immediate authorization of spacex starship orbital flight. Americans need to be aggressive in development of these capabilities and now is not the time for stalling or bureaucratic handwringing. Kind regards, Simon

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:41 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

SpaceX has made all other sites prosper in partnership with them and Brownsville should not be the first to be left behind. This will bring more value to the children and people of Brownsville than anyone could imagine.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:18 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please approve spacex to do the orbital launch test.



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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:28 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hello, I support the launch of SpaceX Starship. Please work diligently and quickly to approve them as the United States cant afford to continue to fall behind in areas due to red tape.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:47 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

SpaceX's Boca Chica base and operations are important for the future of the humanity, doing things no one has ever done before and inspiring hundreds of thousands of people while trying their best to make our lives interplanetary through a well elaborated plan like it is the submitted to the FAA, they are capable to maintain the wild life of the place in a good state and they don't produce any significant pollution, they have helped the Boca Chica habitants to not be disturbed by their operations buying a lot of houses over the market prices, for this and more things I think SpaceX's submit deserves to be approved.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:56 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please consider granting a license for SpaceX's Star Ship test launch in November. This will be for the advancement of humanity. Yes this is a risk to the local area. But in my opinion a risk worth taking because if we don't, it will put humanity back 30 years. I believe SpaceX is and will consider all the safety of all involved as they are a responsible organization. Respectfully, Richard D King

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:09 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am in full support to facilitate the Launching of the of next starship and booster rocket. It's a Mile stone in the endeavor of our human beings to explore our space. Hopefully a company like company SpaceX Is doing that.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:34 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support SpaceX in an attempt to get starship to orbit!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 10:03 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I strongly support the development of Starship/Superheavy production and launch facilities by SpaceX at Boca Chica. After reading SpaceX's Programmatic Environmental Assessment draft, it is my opinion as a planetary scientist that the short and long-term benefit for humanity far outweighs the environmental impact on the site.  
Sincerely, Dr. Dragos Zaharescu

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:09 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Let them fly.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:13 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Iteration and testing is key to advancing a new system. SpaceX is pushing the frontier of space flight and need to test regularly to achieve their goals. Boca Chica will be the breeding ground for greater things to come. I believe Their efforts in Boca Chica will have a positive impact, not only for space flight, but for all of humanity.



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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 10:07 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support starship to be set to launch, it has good support and interest for humanity! Thank you.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 11:06 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am writing today to give my support for the approval of any licensing needed for the advance mention in testing and flying of starship and all other SpaceX projects. I understand the preserve issue but do not believe SpaceX would or will pose a threat to the preserve. Their presence there alone restricts the populous from any future disruption of the current environment. Also the launches are over sea reducing chances of accidental disturbance. The Starship program is extremely important to the evolution of the human race and should be supported in every way. The FAA and the rest of of country should recognize the huge advance SpaceX and the Starship project give us over the rest of the world. We should be working with SpaceX toward a common goal not trying to stifle it in any way. We the people support SpaceX and ask that you be cooperative and helpful in this endeavor.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 12:34 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Dear FAA While working with spacex to ensure long-term environmental sustainability, safety and financial responsibility conditions, please grant exceptional regulatory approval for Starship's orbital launch attempts from November 2021 onwards. Test agility matters. The future of success of America's Space dominance is literally under your control. Charles Shen

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 1:27 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I want a public disclosure on how much of Musk's success is derived from Nazi scientists the US brought to AMERICAs as part of OperationPaperClip before during & after WWII was ended by the Allies including who contributed to NASA. I want the answer made public along with public disclosure where all related documents are archived & details on public access. Until such time no more air jumps by Musk, Branson & Bezos, their related peoples. Along with, I want a 100% disclosure of monies Musk got from any/all government funded programs including but not limited to DARPA, DOE, NSF Sincerely Carrie Devorah, DTM SEC REQUESTED WHISTLEBLOWER NOCA CONFIRMED

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 2:24 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Thank you for giving me the opportunity to express my views on the approval procedures at SpaceX's Boca Chica site. The advancement of spaceflight by SpaceX is a phenomenal achievement and should be aided and approved by the FAA. To this end I ask that approval be given as soon as possible to allow the launching of orbital vehicles. Again, many thanks!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 3:42 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please allow spacex for starship orbital launch for next month. Thankyou.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 4:36 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I approve elon musks upcoming starship launch

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 6:15 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please don't hinder progress in space flight. SpaceX has done more for the human exploration than NASA has since going to the moon, and they don't even have nazis running the show at SpaceX.



---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:11 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Humanity needs adventure, advancement, and space X. Please allow safe passage

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:40 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

My Dearest FAA, Let's support our children's future! Be there for SpaceX, please. Mahalo Mary

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:18 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I just want to let you know that I support fully the development and testing of the Starship system from Boca Chica, Texas. Sincerely hope you can help facilitate this development to ensure the companys success in achieving its goals, while protecting what needs to be protected. Best regards Andreas Kjensli Knudsen, Oslo, Norway

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:28 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Dear FAA, As we already knew SpaceX designs, manufactures and launches the world's most advanced rockets and spacecraft. Their goal is making life into multiplanetary. Please kindly give approvals on SpaceX's mission!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:47 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

SpaceX's Starship is our species' next giant leap and this time we're going further than the Moon! Safety is the most important factor, but we're racing against time here. Everything has its side effects, but so far SpaceX has proven that they are here to make things better, not worse. Please give SpaceX the approval to make our species multiplanetary! Thank you!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:56 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

spacex should be approved for all launches and related activities. let's advance the entire human race!

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:09 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Let Elon test his rocket, why you fools cannot understand how important it's for human long term survival.  
Dileepa Weerakoon

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:34 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I am in support of the starship launch.



---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 10:17 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Let Elon shoot that [REDACTED]

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:09 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hi there, I greatly support SpaceX's Starship project in Boca Chica. It is the most inspirational project in my lifetime, for all of America, and for all of humanity. Please keep the United States ahead of the rest of the world and allow SpaceX to do what they do best — take us to the Moon, Mars, and beyond! Thank you, Alex

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 9:13 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I believe SpaceX's contributions to the forwarding of humankind far outweighs any concerns about letting them operate. Whatever obstacles exist should not be seen as barriers but as steps in helping them succeed. The FAA should be working with, not against, companies with goals of helping Earth progress. Jerry Shelby

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 10:07 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please support SpaceX's test missions. First, their record of safety is evident in the Dragon program, which has restored the US's access to space for human astronauts. Second, SpaceX's efforts are the most inspiring and significant engineering advances since the 1960s and the Apollo missions. They have the potential to reaffirm the USA's place at the forefront and cutting edge of technology and exploration. Third, this will usher in many thousands of direct and indirect jobs, which the country sorely needs.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 11:07 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I fully support SpaceX in their endeavor to beat everyone in the space race. Let Elon spend his money and show us all what is possible. Honest I think his companies get so much push back from regulators cause they aren't making money in the process.

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 12:34 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Dear Sir or Madam, I am writing to request an immediate approval for the Starship orbital flight. It is a huge milestone for the humanity technological progress and therefore I believe it should not be delayed and need to be prioritised. Thank you in advance for understanding and rapid action. Sincerely, Patryk Suwała

---

**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 1:27 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Let SpaceX do their first starship orbital launch this will be historical. This launch will bring us 1 step closer to the moon, mars and even beyond

---

**From:** chirag+ [REDACTED]  
**Sent:** Saturday, October 23, 2021 2:24 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Hi, If FAA gets this done quickly and efficiently you would make a lot of progress towards inspection of large ships, something which will happen a lot in the next decade. Fastening this process decreases your future work by 3-fold. The future of humanity is awaiting your approval. Please help SpaceX.



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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 3:42 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Please approve the orbital test flight. Consider the inspiration SpaceX spreads throughout our country. Be diligent in safety but modern times call for modern regulations.

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 4:36 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I've worked in the aerospace and now retired thinking about going back at age 70. Going to space is exciting exploring other planets super exciting. I've worked for JPL TRW and Northrop Grumman. Plus as a consultant. If I was still was working I would work for JPL or space X. Both exciting and very forward-looking companies which take all precautions. Sit down with him I'm sure they will make you understand everything. It's not always about money and dropping off safety.

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 6:16 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I think that everything they are doing in Space X is admirable, it is incredible how humanity can achieve incredible things when they have the same purpose. It is very important to have your approval since all the advances achieved in STARBASE is are one more step to become a multiplanetary humanity. We deserve the opportunity to expand and improve. Together we are better, we are all one.

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:11 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

I support Starship and SpaceX projects

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 8:40 PM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Although I am not from the USA I support spacex because the energy and innovation of spacex today is what NASA was like in the 1960's. It's time we got back out there. Anne-Marie

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**From:** [REDACTED]  
**Sent:** Saturday, October 23, 2021 7:18 AM  
**To:** SpaceXBocaChica  
**Subject:** From www.faa.gov: [REDACTED]

This email was sent through the Federal Aviation Administration's public website. You have been contacted via an email link on the following page: [https://www.faa.gov/space/stakeholder\\_engagement/spacex\\_starship/](https://www.faa.gov/space/stakeholder_engagement/spacex_starship/)

Message

Give them permission to do the test of new SN