

Appendix A. 2023 Biological Assessment Addendum (pages 101-200)

products such as ashes, slag and sludge that have the potential to be released with stormwater discharges.

Standard Industrial Classification (SIC) Code. A four (4) digit code created by the U.S. Office of Management & Budget for statistical classification purposes that describes an industrial activity that takes place at a facility or site. It is possible for a facility or site to have multiple SIC codes depending on the varying activities that take place.

- **Primary SIC Code - (also known as “Site SIC Code” or “Facility SIC Code”).** For the purpose of this permit, an SIC code that describes the principal product or group of products produced or distributed at a facility, or that describes services rendered. The primary SIC code may be determined based on the value of receipts or revenues or, if such information is not available for a particular facility, the number of employees or production rate for each process may be compared. The operation that generates the most revenue or employs the most personnel is the operation in which the facility is primarily engaged. In situations where the vast majority of on-site activity falls within one SIC code, that activity may be the primary SIC code.
- **Secondary SIC Code.** For the purpose of this permit an SIC code that describes an industrial activity that is performed at a regulated facility or site that is in addition to the primary SIC code. Determining the secondary industrial activity that occurs at a facility or site is accomplished by using the same criteria as determining the primary industrial activity at the facility (e.g., production value, receipts, employment).

Storm Resistant Shelter. A building or structure that is completely roofed and walled, or a structure with only a top cover but no side coverings, provided that any material or industrial activity located under or within the structure is not subject to any run-on and subsequent runoff of stormwater, or mobilization by wind.

Stormwater and Stormwater Runoff. Rainfall runoff, snowmelt runoff, and surface runoff and drainage.

Stormwater Discharge Associated with Industrial Activity. The discharge from any conveyance that is used for collecting and conveying stormwater and that is directly related to manufacturing, processing or raw materials storage areas at an industrial facility. For the purpose of this general permit, the term includes, but is not limited to, stormwater discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; material handling areas; refuse/waste disposal areas; sites used for the application or disposal of process wastewaters; sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms), intermediate products, and final products; similar areas where stormwater can contact pollutants related to industrial activity; and areas where industrial activity have taken place in the past and significant materials remain and are exposed to stormwater. For the purposes of this definition, materials handling areas include storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product, by-product or waste product. The term excludes areas located at industrial sites that are separate from the facility’s industrial activities, such as office buildings and accompanying parking lots, as long as the drainage from the excluded areas is not mixed with stormwater drained from areas of a facility that are covered by this general permit. This term includes discharges from facilities described under this general permit that are

operated by federal, state, or municipal entities. For the complete regulatory definition, including the categories of industrial activity, see 40 CFR §122.26(b)(14).

Structural Controls. Physical or constructed features, such as silt fencing, sediment traps, and detention/retention ponds that prevent or reduce the discharge of pollutants.

Surface Water in the State. Lakes, bays, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, wetlands, marshes, inlets, canals, the Gulf of Mexico inside the territorial limits of the state (from the mean high water mark (MHW) out 10.36 miles into the Gulf), and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, navigable or nonnavigable, and including the beds and banks of all water-courses and bodies of surface water, that are wholly or partially inside or bordering the state or subject to the jurisdiction of the state; except that waters in treatment systems that are authorized by state or federal law, regulation, or permit, and that are created for the purpose of waste treatment are not considered to be water in the state.

Texas Pollutant Discharge Elimination System (TPDES). The state program for issuing, amending, terminating, monitoring, and enforcing permits, and imposing and enforcing pretreatment requirements, under the CWA §§ 307, 402, 318 and 405, TWC, and TAC regulations.

Tidal Waters. Those waters of the Gulf of Mexico within the jurisdiction of the State of Texas, bays and estuaries, and those portions of rivers and streams that are subject to the ebb and flow of the tides and that are subject to the intrusion of marine waters.

Total Maximum Daily Load (TMDL). The total amount of a pollutant that a water body can assimilate and still meet the Texas Surface Water Quality Standards.

Waters of the United States. Waters of the United States or waters of the U.S. means the term as defined in 40 CFR § 122.2.

Part II. PERMIT APPLICABILITY AND COVERAGE

This general permit provides authorization for point source discharges of stormwater associated with industrial activity and certain non-stormwater discharges to surface water in the state (including direct discharges to surface water in the state and discharges to municipal separate storm sewer systems, or MS4s). The permit contains effluent limitations and requirements applicable to all industrial activities that are eligible for coverage under this general permit. Industrial activities are subdivided into 30 industrial sectors.

This permit does not cover return flows from irrigated agriculture or agricultural runoff.

Section A. Discharges Eligible for Authorization by General Permit**1. Industrial Activities Covered**

- (a) Need for a Permit. If any of the following criteria are met, a facility must have authorization for stormwater discharges and may obtain authorization under this general permit, if coverage is not otherwise prohibited:
 - (1) The Standard Industrial Classification (SIC) code that describes the facility (i.e., the primary SIC code) is listed in Part II, Section A.1.b. below and in Part V of this general permit; or
 - (2) The facility conducts an activity described by one or more Industrial Activity Codes described in Sectors K, L, O, or T (as listed in Part II, Section A.1.b. below and in Part V., Sections K, L, O, and T of this general permit); or
 - (3) Stormwater discharges from the facility are subject to federal categorical effluent limitations for stormwater in Title 40 CFR Subchapter N Parts 400-471 (See Sectors A, C, D, E, I, J, O, and S in Part V of this general permit), or
 - (4) The facility has been designated by the executive director as requiring coverage under Sector AD.

The requirements for publicly owned facilities are further described below in Part II, Section A.5. of this general permit.

- (b) Regulated SIC Codes and Industrial Activity Codes (Industrial Sectors)

Industrial activities are grouped into 30 sectors of similar activities based on either SIC codes or Industrial Activity Codes.

SECTOR A: TIMBER PRODUCTS

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2411	Logging	113310	Logging
2421	General Sawmills and Planing Mills	321113	Sawmills
		321912	Cut Stock, Resawing Lumber, and Planing
		321918	Other Millwork (including Flooring)
		321920	Wood Container and Pallet Manufacturing
		321999	All Other Miscellaneous Wood Product Manufacturing
2426	Hardwood Dimension and Flooring Mills	321113	Sawmills
		321912	Cut Stock, Resawing Lumber, and Planing
		321918	Other Millwork (including Flooring)
		337215	Showcase, Partition, Shelving, and Locker Manufacturing
2429	Special Product Sawmills, Not Elsewhere Classified	321113	Sawmills
		321920	Wood Container and Pallet Manufacturing
		321999	All Other Miscellaneous Wood Product Manufacturing
2431	Millwork	321911	Wood Window and Door Manufacturing
		321918	Other Millwork (including Flooring)
2435	Hardwood Veneer and Plywood	321211	Hardwood Veneer and Plywood Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2436	Softwood Veneer and Plywood	321212	Softwood Veneer and Plywood Manufacturing
2439	Structural Wood Members, Not Elsewhere Classified	321213	Engineered Wood Member (except Truss) Manufacturing
		321214	Truss Manufacturing
2441	Nailed and Lock Corner Wood Boxes and Shook	321920	Wood Container and Pallet Manufacturing
2448	Wood Pallets and Skids	321920	Wood Container and Pallet Manufacturing
2449	Wood Containers, Not Elsewhere Classified	321920	Wood Container and Pallet Manufacturing
2451	Mobile Homes	321991	Manufactured Home (Mobile Home) Manufacturing
2452	Prefabricated Wood Buildings and Components	321992	Prefabricated Wood Building Manufacturing
2491	Wood Preserving	321114	Wood Preservation
2493	Reconstituted Wood Products	321219	Reconstituted Wood Product Manufacturing
2499	Wood Products, Not Elsewhere Classified	321920	Wood Container and Pallet Manufacturing
		321999	All Other Miscellaneous Wood Product Manufacturing
		333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
		337125	Household Furniture (except Wood and Metal) Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		339113	Surgical Appliance and Supplies Manufacturing
		339999	All Other Miscellaneous Manufacturing

SECTOR B: PAPER AND ALLIED PRODUCTS

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2611	Pulp Mills	322110	Pulp Mills
		322121	Paper (except Newsprint) Mills
		322122	Newsprint Mills
		322130	Paperboard Mills
2621	Paper Mills	322121	Paper (except Newsprint) Mills
		322122	Newsprint Mills
2631	Paperboard Mills	322130	Paperboard Mills
2652	Setup Paperboard Boxes	322219	Other Paperboard Container Manufacturing
2653	Corrugated and Solid Fiber Boxes	322211	Corrugated and Solid Fiber Box Manufacturing
2655	Fiber Cans, Tubes, Drums, and Similar Products	322219	Other Paperboard Container Manufacturing
2656	Sanitary Food Containers, Except Folding	322219	Other Paperboard Container Manufacturing
2657	Folding Paperboard Boxes, Including Sanitary	322212	Folding Paperboard Box Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2671	Packaging Paper and Plastics Film, Coated and Laminated	322220	Paper Bag and Coated and Treated Paper Manufacturing
		326112	Plastics Packaging Film and Sheet (including Laminated) Manufacturing
2672	Coated and Laminated Paper, Not Elsewhere Classified	322220	Paper Bag and Coated and Treated Paper Manufacturing
2673	Plastics, Foil, and Coated Paper Bags	322220	Paper Bag and Coated and Treated Paper Manufacturing
		326111	Plastics Bag and Pouch Manufacturing
2674	Uncoated Paper and Multiwall Bags	322220	Paper Bag and Coated and Treated Paper Manufacturing
2675	Die-Cut Paper and Paperboard and Cardboard	322220	Paper Bag and Coated and Treated Paper Manufacturing
		322230	Stationery Product Manufacturing
		322299	All Other Converted Paper Product Manufacturing
2676	Sanitary Paper Products	322291	Sanitary Paper Product Manufacturing
2677	Envelopes	322230	Stationery Product Manufacturing
2678	Stationery, Tablets, and Related Products	322230	Stationery Product Manufacturing
2679	Converted Paper and Paperboard Products, Not Elsewhere Classified	322211	Corrugated and Solid Fiber Box Manufacturing
		322220	Paper Bag and Coated and Treated Paper Manufacturing
		322230	Stationery Product Manufacturing
		322299	All Other Converted Paper Product Manufacturing

SECTOR C: CHEMICAL AND ALLIED PRODUCTS

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2812	Alkalies and Chlorine	325180	Other Basic Inorganic Chemical Manufacturing
2813	Industrial Gases	325120	Industrial Gas Manufacturing
2816	Inorganic Pigments	325130	Synthetic Dye and Pigment Manufacturing
		325180	Other Basic Inorganic Chemical Manufacturing
2821	Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers	325211	Plastics Material and Resin Manufacturing
2822	Synthetic Rubber (Vulcanizable Elastomers)	325212	Synthetic Rubber Manufacturing
2823	Cellulosic Manmade Fibers	325220	Artificial and Synthetic Fibers and Filaments Manufacturing
2824	Manmade Organic Fibers, Except Cellulosic	325220	Artificial and Synthetic Fibers and Filaments Manufacturing
2833	Medicinal Chemicals and Botanical Products	325411	Medicinal and Botanical Manufacturing
2834	Pharmaceutical Preparations	325412	Pharmaceutical Preparation Manufacturing
2835	In Vitro and In Vivo Diagnostic Substances	325412	Pharmaceutical Preparation Manufacturing
		325413	In Vitro Diagnostic Substance Manufacturing
2836	Biological Products, Except Diagnostic Substances	325414	Biological Product (except Diagnostic) Manufacturing
2841	Soap and Other Detergents, Except Specialty Cleaners	325611	Soap and Other Detergent Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2842	Specialty Cleaning, Polishing, and Sanitation Preparations	325612	Polish and Other Sanitation Good Manufacturing
2843	Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants	325613	Surface Active Agent Manufacturing
2844	Perfumes, Cosmetics, and Other Toilet Preparations	325611	Soap and Other Detergent Manufacturing
		325620	Toilet Preparation Manufacturing
2851	Paints, Varnishes, Lacquers, Enamels, and Allied Products	325510	Paint and Coating Manufacturing
2861	Gum and Wood Chemicals	325194	Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing
2865	Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments	325110	Petrochemical Manufacturing
		325130	Synthetic Dye and Pigment Manufacturing
		325194	Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing
2869	Industrial Organic Chemicals, Not Elsewhere Classified	325110	Petrochemical Manufacturing
		325120	Industrial Gas Manufacturing
		325180	Other Basic Inorganic Chemical Manufacturing
		325193	Ethyl Alcohol Manufacturing
		325194	Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing
		325199	All Other Basic Organic Chemical Manufacturing
		325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2873	Nitrogenous Fertilizers	325311	Nitrogenous Fertilizer Manufacturing
2874	Phosphatic Fertilizers	325312	Phosphatic Fertilizer Manufacturing
2875	Fertilizers, Mixing Only	325314	Fertilizer (Mixing Only) Manufacturing
2879	Pesticides and Agricultural Chemicals, Not Elsewhere Classified	325320	Pesticides and Other Agricultural Chemical Manufacturing
2891	Adhesives and Sealants	325520	Adhesive Manufacturing
2892	Explosives	325920	Explosives Manufacturing
2893	Printing Ink	325910	Printing Ink Manufacturing
2895	Carbon Black	325180	Other Basic Inorganic Chemical Manufacturing
2899	Chemicals and Chemical Preparations, Not Elsewhere Classified	311942	Spice and Extract Manufacturing
		325199	All Other Basic Organic Chemical Manufacturing
		325510	Paint and Coating Manufacturing
		325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing
2911	Petroleum Refining	324110	Petroleum Refineries
3952	Limited to List of Inks and Paints including: China Painting Enamels, India Ink, Drawing Ink, Platinum Paints for Burnt Wood or Leather Work, Paints for China Painting; Artist's Paints, and Artist's Watercolors	325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing
		339940	Office Supplies (except Paper) Manufacturing

SECTOR D: ASPHALT PAVING AND ROOFING MATERIALS AND LUBRICANTS

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2951	Asphalt Paving Mixtures and Blocks	324121	Asphalt Paving Mixture and Block Manufacturing
2952	Asphalt Felts and Coatings	324122	Asphalt Shingle and Coating Materials Manufacturing
2992	Lubricating Oils and Greases	324191	Petroleum Lubricating Oil and Grease Manufacturing
2999	Products of Petroleum and Coal, Not Elsewhere Classified	324199	All Other Petroleum and Coal Products Manufacturing

SECTOR E: GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3211	Flat Glass	327211	Flat Glass Manufacturing
3221	Glass Containers	327213	Glass Container Manufacturing
3229	Pressed and Blown Glass and Glassware, Not Elsewhere Classified	327212	Other Pressed and Blown Glass and Glassware Manufacturing
3231	Glass Products, Made of Purchased Glass	327215	Glass Product Manufacturing Made of Purchased Glass
3241	Cement, Hydraulic	327310	Cement Manufacturing
3251	Brick and Structural Clay Tile	327120	Clay Building Material and Refractories Manufacturing
		327331	Concrete Block and Brick Manufacturing
3253	Ceramic Wall and Floor Tile	327120	Clay Building Material and Refractories Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3255	Clay Refractories	327120	Clay Building Material and Refractories Manufacturing
3259	Structural Clay Products, Not Elsewhere Classified	327120	Clay Building Material and Refractories Manufacturing
3261	Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories	327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing
3262	Vitreous China Table and Kitchen Articles	327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing
3263	Fine Earthenware (Whiteware) Table and Kitchen Articles	327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing
3264	Porcelain Electrical Supplies	327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing
3269	Pottery Products, Not Elsewhere Classified	327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing
3271	Concrete Block and Brick	327331	Concrete Block and Brick Manufacturing
3272	Concrete Products, Except Block and Brick	327332	Concrete Pipe Manufacturing
		327390	Other Concrete Product Manufacturing
		327999	All Other Miscellaneous Nonmetallic Mineral Product Manufacturing
3273	Ready-Mixed Concrete	327320	Ready-Mix Concrete Manufacturing
3274	Lime	327410	Lime Manufacturing
3275	Gypsum Products	327420	Gypsum Product Manufacturing
3281	Cut Stone and Stone Products	327991	Cut Stone and Stone Product Manufacturing
3291	Abrasive Products	327910	Abrasive Product Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
3292	Asbestos Product	327999	All Other Miscellaneous Nonmetallic Mineral Product Manufacturing
		336340	Motor Vehicle Brake System Manufacturing
		336350	Motor Vehicle Transmission and Power Train Parts Manufacturing
3295	Minerals and Earths, Ground or Otherwise Treated	212324	Kaolin and Ball Clay Mining
		212325	Clay and Ceramic and Refractory Minerals Mining
		212393	Other Chemical and Fertilizer Mineral Mining
		212399	All Other Nonmetallic Mineral Mining
		327992	Ground or Treated Mineral and Earth Manufacturing
3296	Mineral Wool	327993	Mineral Wool Manufacturing
3297	Nonclay Refractories	327120	Clay Building Material and Refractories Manufacturing
3299	Nonmetallic Mineral Products, Not Elsewhere Classified	327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing
		327420	Gypsum Product Manufacturing
		327999	All Other Miscellaneous Nonmetallic Mineral Product Manufacturing

SECTOR F: PRIMARY METALS

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3312	Steel Works, Blast Furnaces (including Coke Ovens), and Rolling Mills	324199	All Other Petroleum and Coal Products Manufacturing
		331110	Iron and Steel Mills and Ferroalloy Manufacturing
		331221	Rolled Steel Shape Manufacturing
3313	Electrometallurgical Products, Except Steel	331110	Iron and Steel Mills and Ferroalloy Manufacturing
3315	Steel Wiredrawing and Steel Nails and Spikes	312222	Steel Wire Drawing
		332618	Other Fabricated Wire Product Manufacturing
3316	Cold-Rolled Steel Sheet, Strip, and Bars	331221	Rolled Steel Shape Manufacturing
3317	Steel Pipe and Tubes	331210	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
3321	Gray and Ductile Iron Foundries	331511	Iron Foundries
3322	Malleable Iron Foundries	331511	Iron Foundries
3324	Steel Investment Foundries	331512	Steel Investment Foundries
3325	Steel Foundries, Not Elsewhere Classified	331513	Steel Foundries (except Investment)
3331	Primary Smelting and Refining of Copper	331410	Nonferrous Metal (except Aluminum) Smelting and Refining
3334	Primary Production of Aluminum	331313	Alumina Refining and Primary Aluminum Production
3339	Primary Smelting and Refining of Nonferrous Metals, Except Copper and Aluminum	331410	Nonferrous Metal (except Aluminum) Smelting and Refining

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3341	Secondary Smelting and Refining of Nonferrous Metals	331314	Secondary Smelting and Alloying of Aluminum
		331420	Copper Rolling, Drawing, Extruding, and Alloying
		331492	Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
3351	Rolling, Drawing, and Extruding of Copper	331420	Copper Rolling, Drawing, Extruding, and Alloying
3353	Aluminum Sheet, Plate, and Foil	331315	Aluminum Sheet, Plate, and Foil Manufacturing
3354	Aluminum Extruded Products	331318	Other Aluminum Rolling, Drawing, and Extruding
3355	Aluminum Rolling and Drawing, Not Elsewhere Classified	331318	Other Aluminum Rolling, Drawing, and Extruding
3356	Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum	331491	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding
3357	Drawing and Insulating of Nonferrous Wire	331318	Other Aluminum Rolling, Drawing, and Extruding
		331420	Copper Rolling, Drawing, Extruding, and Alloying
		331491	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding
		335921	Fiber Optic Cable Manufacturing
		335929	Other Communication and Energy Wire Manufacturing
3363	Aluminum Die-Castings	331523	Nonferrous Metal Die-Casting Foundries

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3364	Nonferrous Die-Castings, Except Aluminum	331523	Nonferrous Metal Die-Casting Foundries
3365	Aluminum Foundries	331524	Aluminum Foundries (except Die-Casting)
3366	Copper Foundries	331529	Other Nonferrous Metal Foundries (except Die-Casting)
3369	Nonferrous Foundries, Except Aluminum and Copper	331529	Other Nonferrous Metal Foundries (except Die-Casting)
3398	Metal Heat Treating	332811	Metal Heat Treating
3399	Primary Metal Products, Not Elsewhere Classified	331110	Iron and Steel Mills and Ferroalloy Manufacturing
		331221	Rolled Steel Shape Manufacturing
		331314	Secondary Smelting and Alloying of Aluminum
		331420	Copper Rolling, Drawing, Extruding, and Alloying
		331492	Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
		332618	Other Fabricated Wire Product Manufacturing
		332813	Electroplating, Plating, Polishing, Anodizing and Coloring

SECTOR G: METAL MINING (ORE MINING AND DRESSING)

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
1011	Iron Ores	212210	Iron Ore Mining
1021	Copper Ores	212230	Copper, Nickel, Lead, and Zinc Mining
1031	Lead and Zinc Ores	212230	Copper, Nickel, Lead, and Zinc Mining
1041	Gold Ores	212221	Gold Ore Mining
1044	Silver Ores	212222	Silver Ore Mining
1061	Ferroalloy Ores, Except Vanadium	212230	Copper, Nickel, Lead, and Zinc Mining
		212299	All Other Metal Ore Mining
1081	Metal Mining Services	213114	Support Activities for Metal Mining
		238910	Site Preparation Contractors
1094	Uranium-Radium-Vanadium Ores	212291	Uranium-Radium-Vanadium Ore Mining
1099	Miscellaneous Metal Ores, Not Elsewhere Classified	212299	All Other Metal Ore Mining

SECTOR H: COAL MINES AND COAL MINING RELATED FACILITIES

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
1221	Bituminous Coal and Lignite Surface Mining	212111	Bituminous Coal and Lignite Surface Mining
1222	Bituminous Coal Underground Mining	212112	Bituminous Coal Underground Mining
1231	Anthracite Mining	212113	Anthracite Mining
1241	Coal Mining Services	213113	Support Activities for Coal

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		238910	Site Preparation Contractors

SECTOR I: OIL AND GAS EXTRACTION FACILITIES

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
Industrial Activities regulated under the EPA Region 6 NPDES Program:			
1311	Crude Petroleum and Natural Gas	211120	Crude Petroleum Extraction
1321	Natural Gas Liquids	211130	Natural Gas Extraction
1381	Drilling Oil and Gas Wells	213111	Drilling Oil and Gas Wells
1382	Oil and Gas Field Exploration Services	213112	Support Activities for Oil and Gas Operations
1389	Oil and Gas Field Services, Not Elsewhere Classified (Applies to activities that occur in the field other than oil field service company “home base” facilities)	213112	Support Activities for Oil and Gas Operations
		237120	Oil and Gas Pipeline and Related Structures Construction
		238910	Site Preparation Contractors
Industrial Activities Regulated under this General Permit:			
1389	Oil and Gas Field Services, Not Elsewhere Classified (Applies to activities that do not occur in the field; those that occur at a company headquarters, permanent offices, or base of operations, or at oil field service company “home base” facilities)	No NAICS Code Equivalent	No NAICS Code Equivalent

SECTOR J: MINERAL MINING AND PROCESSING FACILITIES

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
1411	Dimension Stone	212311	Dimension Stone Mining and Quarrying
1422	Crushed and Broken Limestone	212312	Crushed and Broken Limestone Mining and Quarrying
1423	Crushed and Broken Granite	212313	Crushed and Broken Granite Mining and Quarrying
1429	Crushed and Broken Stone, Not Elsewhere Classified	212319	Other Crushed and Broken Stone Mining and Quarrying
1442	Construction Sand and Gravel	212321	Construction Sand and Gravel Mining
1446	Industrial Sand	212322	Industrial Sand Mining
1455	Kaolin and Ball Clay	212324	Kaolin and Ball Clay Mining
1459	Clay, Ceramic, and Refractory Minerals, Not Elsewhere Classified	212325	Clay and Ceramic and Refractory Minerals Mining
1474	Potash, Soda, and Borate Minerals	212391	Potash, Soda, and Borate Mineral Mining
1475	Phosphate Rock	212392	Phosphate Rock Mining
1479	Chemical and Fertilizer Mineral Mining, Not Elsewhere Classified	212393	Other Chemical and Fertilizer Mineral Mining
1481	Nonmetallic Minerals Services, Except Fuels	213115	Support Activities for Nonmetallic Minerals (except Fuels) Mining
		238910	Site Preparation Contractors
1499	Miscellaneous Nonmetallic Minerals, Except Fuels	212319	Other Crushed and Broken Stone Mining and Quarrying
		212399	All Other Nonmetallic Mineral Mining

SECTOR K: HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

Activity Code	Activity Code Description	2017 NAICS Code	Notes
HZ	Hazardous Waste Treatment, Storage and Disposal Facilities	No NAICS Code Equivalent	Activity Codes are non-SIC / non-NAICS designation <u>See Part V, Section K for Detailed Description of Sector</u>

SECTOR L: LANDFILLS AND LAND APPLICATION SITES

Activity Code	Activity Code Description	2017 NAICS Code	Notes
LF	Landfills, Land Application Sites, and Open Dumps	No NAICS Code Equivalent	Activity Codes are non-SIC / non-NAICS designation <u>See Part V, Section L for Detailed Description of Sector</u>

SECTOR M: AUTOMOBILE SALVAGE YARDS

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
5015	Motor Vehicle Parts, Used (Automobile Salvage Yard)	423140	Motor Vehicle Parts (Used) Merchant Wholesalers

SECTOR N: SCRAP AND WASTE RECYCLING FACILITIES

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
5093	Scrap and Waste Materials	423930	Recyclable Material Merchant Wholesalers
		425110	Business to Business Electronic Markets

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
5093	Scrap and Waste Materials	425120	Wholesale Trade Agents and Brokers

SECTOR O: STEAM ELECTRIC GENERATING FACILITIES

Activity Code	Activity Code Description	2017 NAICS Code	Notes
SE	Steam Electric Power Generating Facilities	No NAICS Code Equivalent	Activity Codes are non-SIC / non-NAICS designation <u>See Part V, Section O for detailed description of Sector</u>

SECTOR P: LAND TRANSPORTATION AND WAREHOUSING

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
4011	Railroads, Line-Haul Operating	482111	Line-Haul Railroads
4013	Railroad Switching and Terminal Establishments	482112	Short Line Railroads
		488210	Support Activities for Rail Transportation
4111	Local and Suburban Transit	485111	Mixed Mode Transit Systems
		485112	Commuter Rail Systems
		485113	Bus and Other Motor Vehicle Transit Systems
		485119	Other Urban Transit Systems
		485999	All Other Transit and Ground Passenger Transportation
4119		485320	Limousine Service

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
	Local Passenger Transportation, Not Elsewhere Classified	485410	School and Employee Bus Transportation
		485991	Special Needs Transportation
		485999	All Other Transit and Ground Passenger Transportation
		487110	Scenic and Sightseeing Transportation, Land
		621910	Ambulance Services
4121	Taxicabs	485310	Taxi Service
4131	Intercity and Rural Bus Transportation	485210	Interurban and Rural Bus Transportation
4141	Local Bus Charter Service	485510	Charter Bus Industry
4142	Bus Charter Service, Except Local	485510	Charter Bus Industry
4151	School Buses	485410	School and Employee Bus Transportation
4173	Terminal and Service Facilities for Motor Vehicle Passenger Transportation	488490	Other Support Activities for Road Transportation
4212	Local Trucking Without Storage	484110	General Freight Trucking, Local
		484210	Used Household and Office Goods Moving
		484220	Specialized Freight (except Used Goods) Trucking, Local
		562111	Solid Waste Collection
		562112	Hazardous Waste Collection
		562119	Other Waste Collection

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
4213	Trucking, Except Local	484121	General Freight Trucking, Long-Distance, Truckload
		484122	General Freight Trucking, Long-Distance, Less Than Truckload
		484210	Used Household and Office Goods Moving
		484230	Specialized Freight (except Used Goods) Trucking, Long-Distance
4214	Local Trucking With Storage	484110	General Freight Trucking, Local
		484210	Used Household and Office Goods Moving
		484220	Specialized Freight (except Used Goods) Trucking, Local
4215	Courier Services, Except by Air	492110	Couriers and Express Delivery Services
		492210	Local Messengers and Local Delivery
4221	Farm Product Warehousing and Storage	493130	Farm Product Warehousing and Storage
4222	Refrigerated Warehousing and Storage	493120	Refrigerated Warehousing and Storage
4225	General Warehousing and Storage	493110	General Warehousing and Storage
		531130	Lessors of Miniwarehouses and Self-Storage Units
4226	Special Warehousing and Storage, Not Elsewhere Classified	493110	General Warehousing and Storage
		493120	Refrigerated Warehousing and Storage
		493190	Other Warehousing and Storage

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
4231	Terminal and Joint Terminal Maintenance Facilities for Motor Freight Transportation	488490	Other Support Activities for Road Transportation
4311	United States Postal Service	491110	Postal Service
5171	Petroleum Bulk Stations and Terminals (primarily engaged in the wholesale distribution of crude petroleum and petroleum products, including liquefied petroleum gas, from bulk liquid storage facilities)	424710	Petroleum Bulk Stations and Terminals
		454310	Fuel Dealers

SECTOR Q: WATER TRANSPORTATION

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
4412	Deep Sea Foreign Transportation of Freight	483111	Deep Sea Freight Transportation
4424	Deep Sea Domestic Transportation of Freight	483113	Coastal and Great Lakes Freight Transportation
4449	Water Transportation of Freight, Not Elsewhere Classified	483211	Inland Water Freight Transportation
4481	Deep Sea Transportation of Passengers, Except by Ferry	483112	Deep Sea Passenger Transportation
		483114	Coastal Passenger Transportation
4482	Ferries	483114	Coastal and Great Lakes Passenger Transportation
		483212	Inland Water Passenger Transportation
4489	Water Transportation of Passengers, Not Elsewhere Classified	483212	Inland Water Passenger Transportation
		487210	Scenic and Sightseeing Transportation, Water

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
4491	Marine Cargo Handling	488310	Port and Harbor Operations
		488320	Marine Cargo Handling
4492	Towing and Tugboat Services	488330	Navigational Services to Shipping
4493	Marinas	713930	Marinas
4499	Water Transportation Services, Not Elsewhere Classified	483211	Inland Water Freight Transportation
		488310	Port and Harbor Operations
		488330	Navigational Services to Shipping
		488390	Other Support Activities for Water Transportation
		532411	Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing

SECTOR R: SHIP AND BOAT BUILDING OR REPAIRING YARDS

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3731	Ship Building and Repairing	336611	Ship Building and Repairing
		488390	Other Support Activities for Water Transportation
3732	Boat Building and Repairing	336612	Boat Building
		811490	Other Personal and Household Goods Repair and Maintenance

SECTOR S: AIR TRANSPORTATION

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
4512	Air Transportation, Scheduled	481111	Scheduled Passenger Air Transportation
		481112	Scheduled Freight Air Transportation
4513	Air Courier Services	492110	Couriers and Express Delivery Services
4522	Air Transportation, Nonscheduled	481211	Nonscheduled Chartered Passenger Air Transportation
		481212	Nonscheduled Chartered Freight Air Transportation
		481219	Other Nonscheduled Air Transportation
		487990	Scenic and Sightseeing Transportation, Other
		621910	Ambulance Services
4581	Airports, Flying Fields, and Airport Terminal Services	488119	Other Airport Operations
		488190	Other Support Activities for Air Transportation

SECTOR T: TREATMENT WORKS

Activity Code	Activity Code Description	2017 NAICS Code	Notes
TW	Certain Wastewater Treatment Plants	No NAICS Code Equivalent	Activity Codes are non-SIC / non-NAICS designation <u>See Part V, Section T for Detailed Description of Sector</u>

SECTOR U: FOOD AND KINDRED PRODUCTS FACILITIES

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2011	Meat Packing Plants	311611	Animal (except Poultry) Slaughtering
2013	Sausages and Other Prepared Meat Products	311612	Meat Processed from Carcasses
		311613	Rendering and Meat Byproduct Processing
2015	Poultry Slaughtering and Processing	311615	Poultry Processing
		311999	All Other Miscellaneous Food Manufacturing
2021	Creamery Butter	311512	Creamery Butter Manufacturing
2022	Natural, Processed, and Imitation Cheese	311513	Cheese Manufacturing
2023	Dry, Condensed, and Evaporated Dairy Products	311511	Fluid Milk Manufacturing
		311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing
2024	Ice Cream and Frozen Deserts	311520	Ice Cream and Frozen Desert Manufacturing
2026	Fluid Milk	311511	Fluid Milk Manufacturing
		311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing
2032	Canned Specialties	311422	Specialty Canning
		311999	All Other Miscellaneous Food Manufacturing
2033	Canned Fruits, Vegetables, Preserves, Jams, and Jellies	311421	Fruit and Vegetable Canning
2034	Dried and Dehydrated Fruits, Vegetables, and Soup Mixes	311211	Flour Milling
		311423	Dried and Dehydrated Food Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		311999	All Other Miscellaneous Food Manufacturing
2035	Pickled Fruits and Vegetables, Vegetable Sauces and Seasonings, and Salad Dressings	311421	Fruit and Vegetable Canning
		311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing
2037	Frozen Fruits, Fruit Juices, and Vegetables	311411	Frozen Fruit, Juice, and Vegetable Manufacturing
2038	Frozen Specialties, Not Elsewhere Classified	311412	Frozen Specialty Food Manufacturing
2041	Flour and Other Grain Mill Products	311211	Flour Milling
2043	Cereal Breakfast Foods	311230	Breakfast Cereal Manufacturing
		311920	Coffee and Tea Manufacturing
2044	Rice Milling	311212	Rice Milling
2045	Prepared Flour Mixes and Doughs	311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour
2046	Wet Corn Milling	311221	Wet Corn Milling
		311225	Fats and Oils Refining and Blending
2047	Dog and Cat Food	311111	Dog and Cat Food Manufacturing
2048	Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats	311119	Other Animal Food Manufacturing
		311611	Animal (except Poultry) Slaughtering
2051	Bread and Other Bakery Products, Except Cookies and Crackers	311812	Commercial Bakeries
2052	Cookies and Crackers	311812	Commercial Bakeries
		311821	Cookie and Cracker Manufacturing
		311919	Other Snack Food Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2053	Frozen Bakery Products, Except Bread	311813	Frozen Cakes, Pies, and Other Pastries Manufacturing
2061	Cane Sugar, Except Refining	311314	Cane Sugar Manufacturing
2062	Cane Sugar Refining	311314	Cane Sugar Refining
2063	Beet Sugar	311313	Beet Sugar Manufacturing
2064	Candy and Other Confectionery Products	311340	Nonchocolate Confectionery Manufacturing
		311352	Confectionery Manufacturing from Purchased Chocolate
2066	Chocolate and Cocoa Products	311351	Chocolate and Confectionery Manufacturing from Cacao Beans
		311352	Confectionery Manufacturing from Purchased Chocolate
2067	Chewing Gum	311340	Nonchocolate Confectionery Manufacturing
2068	Salted and Roasted Nuts and Seeds	311911	Roasted Nuts and Peanut Butter Manufacturing
2074	Cottonseed Oil Mills	311224	Soybean and Other Oilseed Processing
		311225	Fats and Oils Refining and Blending
2075	Soybean Oil Mills	311224	Soybean and Other Oilseed Processing
		311225	Fats and Oils Refining and Blending
2076	Vegetable Oil Mills, Except Corn, Cottonseed, and Soybean	311224	Soybean and Other Oilseed Processing
		311225	Fats and Oils Refining and Blending
2077	Animal and Marine Fats and Oils	311613	Rendering and Meat Byproduct Processing
		311710	Seafood Product Preparation and Packaging

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2079	Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, Not Elsewhere Classified	311224	Soybean and Other Oilseed Processing
		311225	Fats and Oils Refining and Blending
2082	Malt Beverages	311942	Spice and Extract Manufacturing
		312120	Breweries
2083	Malt	311213	Malt Manufacturing
2084	Wines, Brandy, and Brandy Spirits	312130	Wineries
2085	Distilled and Blended Liquors	312130	Wineries
		312140	Distilleries
2086	Bottled and Canned Soft Drinks and Carbonated Water	312111	Soft Drink Manufacturing
		312112	Bottled Water Manufacturing
2087	Flavoring Extracts and Flavoring Syrups, Not Elsewhere Classified	311920	Coffee and Tea Manufacturing
		311930	Flavoring Syrup and Concentrate Manufacturing
		311942	Spice and Extract Manufacturing
		311999	All Other Miscellaneous Food Manufacturing
2091	Canned and Cured Fish and Seafood	311710	Seafood Product Preparation and Packaging
2092	Prepared Fresh or Frozen Fish and Seafood	311710	Seafood Product Preparation and Packaging
2095	Roasted Coffee	311920	Coffee and Tea Manufacturing
2096	Potato Chips, Corn Chips, and Similar Snacks	311919	Other Snack Food Manufacturing
2097	Manufactured Ice	312113	Ice Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2098	Macaroni, Spaghetti, Vermicelli, and Noodles	311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour
2099	Food Preparations, Not Elsewhere Classified	111998	All Other Miscellaneous Crop Farming
		311212	Rice Milling
		311340	Nonchocolate Confectionery Manufacturing
		311423	Dried and Dehydrated Food Manufacturing
		311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour
		311830	Tortilla Manufacturing
		311911	Roasted Nuts and Peanut Butter Manufacturing
		311920	Coffee and Tea Manufacturing
		311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing
		311942	Spice and Extract Manufacturing
		311991	Perishable Prepared Food Manufacturing
		311999	All Other Miscellaneous Food Manufacturing
2111	Cigarettes	312230	Tobacco Manufacturing
2121	Cigars	312230	Tobacco Manufacturing
2131	Chewing and Smoking Tobacco and Snuff	312230	Tobacco Manufacturing
2141	Tobacco Stemming and Redrying	312230	Tobacco Manufacturing

**SECTOR V: TEXTILE MILLS, APPAREL, AND OTHER FABRIC PRODUCT
MANUFACTURING FACILITIES**

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2211	Broadwoven Fabric Mills, Cotton	313210	Broadwoven Fabric Mills
2221	Broadwoven Fabric Mills, Manmade Fiber and Silk	313210	Broadwoven Fabric Mills
2231	Broadwoven Fabric Mills, Wool (including dyeing and finishing)	313210	Broadwoven Fabric Mills
		313310	Textile and Fabric Finishing Mills
2241	Narrow Fabric and Other Smallware Mills: Cotton, Wool, Silk and Manmade Fiber	313220	Narrow Fabric Mills and Schiffli Machine Embroidery
2251	Women's Full-Length and Knee-Length Hosiery, Except Socks	313310	Textile and Fabric Finishing Mills
		315110	Hosiery and Sock Mills
2252	Hosiery, Not Elsewhere Classified	313310	Textile and Fabric Finishing Mills
		315110	Hosiery and Sock Mills
2253	Knit Outerwear Mills	313310	Textile and Fabric Finishing Mills
		315190	Other Apparel Knitting Mills
2254	Knit Underwear and Nightwear Mills	313310	Textile and Fabric Finishing Mills
		315190	Other Apparel Knitting Mills
2257	Weft Knit Fabric Mills	313240	Knit Fabric Mills
		313310	Textile and Fabric Finishing Mills
2258	Lace and Warp Knit Fabric Mills	313240	Knit Fabric Mills
		313310	Textile and Fabric Finishing Mills
2259	Knitting Mills, Not Elsewhere Classified	315190	Other Apparel Knitting Mills
		313240	Knit Fabric Mills

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		313310	Textile and Fabric Finishing Mills
2261	Finishers of Broadwoven Fabrics of Cotton	313310	Textile and Fabric Finishing Mills
2262	Finishers of Broadwoven Fabrics of Manmade Fibers and Silk	313310	Textile and Fabric Finishing Mills
2269	Finishers of Textiles, Not Elsewhere Classified	313310	Textile and Fabric Finishing Mills
2273	Carpets and Rugs	314110	Carpet and Rug Mills
2281	Yarn Spinning Mills	313110	Fiber, Yarn, and Thread Mills
2282	Yarn Texturizing, Throwing, Twisting and Winding Mills	313110	Fiber, Yarn, and Thread Mills
2284	Thread Mills	313110	Fiber, Yarn, and Thread Mills
		313310	Textile and Fabric Finishing Mills
2295	Coated Fabrics, Not Rubberized	313320	Fabric Coating Mills
2296	Tire Cord and Fabrics	314994	Rope, Cordage, Twine, Tire Cord, and Tire Fabric Mills
2297	Non-woven Fabrics	313230	Nonwoven Fabric Mills
2298	Cordage and Twine	313110	Fiber, Yarn, and Thread Mills
		314994	Rope, Cordage, Twine, Tire Cord, and Tire Fabric Mills
2299	Textile Goods, Not Elsewhere Classified	313110	Fiber, Yarn, and Thread Mills
		313210	Broadwoven Fabric Mills
		313220	Narrow Fabric Mills and Schiffli Machine Embroidery
		313230	Nonwoven Fabric Mills
		313310	Textile and Fabric Finishing Mills

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		314999	All Other Miscellaneous Textile Product Mills
2311	Men's and Boys' Suits, Coats, and Overcoats	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing
2321	Men's and Boys' Shirts, Except Work Shirts	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing
2322	Men's and Boys' Underwear and Nightwear	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing
2323	Men's and Boys' Neckwear	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315990	Apparel Accessories and Other Apparel Manufacturing
2325	Men's and Boys' Separate Trousers and Slacks	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2326	Men's and Boys' Work Clothing	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing
2329	Men's and Boys' Clothing, Not Elsewhere Classified	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing
		315280	Other Cut and Sew Apparel Manufacturing
2331	Women's, Misses', and Juniors' Blouses and Shirts	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
2335	Women's, Misses', and Juniors' Dresses	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
2337	Women's, Misses', and Juniors' Suits, Skirts, and Coats	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2339	Women's, Misses', and Juniors' Outerwear, Not Elsewhere Classified	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
		315280	Other Cut and Sew Apparel Manufacturing
		315990	Apparel Accessories and Other Apparel Manufacturing
2341	Women's, Misses', Children's, and Infants' Underwear and Nightwear	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
2342	Brassieres, Girdles, and Allied Garments	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
2353	Hats, Caps, and Millinery	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315990	Apparel Accessories and Other Apparel Manufacturing
2361	Girls', Children's, and Infants' Dresses, Blouses, and Shirts	314999	All Other Miscellaneous Textile Product Mills

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
2369	Girls', Children's, and Infants' Outerwear, Not Elsewhere Classified	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
2371	Fur Goods	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315280	Other Cut and Sew Apparel Manufacturing
2381	Dress and Work Gloves, Excludes Knit and All-Leather	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315990	Apparel Accessories and Other Apparel Manufacturing
2384	Robes and Dressing Gowns	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
2385	Waterproof Outerwear	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315220	Men's and Boys' Cut and Sew Apparel Manufacturing
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
		315280	Other Cut and Sew Apparel Manufacturing
		315990	Apparel Accessories and Other Apparel Manufacturing
2386	Leather and Sheep-Lined Clothing	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315280	Other Cut and Sew Apparel Manufacturing
2387	Apparel Belts	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315990	Apparel Accessories and Other Apparel Manufacturing
2389	Apparel and Accessories, Not Elsewhere Classified	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		315280	Other Cut and Sew Apparel Manufacturing
		315990	Apparel Accessories and Other Apparel Manufacturing
2391	Curtains and Draperies	314120	Curtain and Linen Mills
2392	House furnishings, Except Curtains and Draperies	314120	Curtain and Linen Mills
		314910	Textile Bag and Canvas Mills
		314999	All Other Miscellaneous Textile Product Mills
		339994	Broom, Brush, and Mop Manufacturing
2393	Textile Bags	314910	Textile Bag and Canvas Mills
2394	Canvas and Related Products	314910	Textile Bag and Canvas Mills
2395	Pleating, Decorative and Novelty Stitching, and Tucking for the Trade	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
2396	Automotive Trimmings, Apparel Findings, and Related Products	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315990	Apparel Accessories and Other Apparel Manufacturing
		323113	Commercial Screen Printing
		336360	Motor Vehicle Seating and Interior Trim Manufacturing
2397	Schiffli Machine Embroideries	313220	Narrow Fabric Mills and Schiffli Machine Embroidery
2399	Fabricated Textile Products, Not Elsewhere Classified	314999	All Other Miscellaneous Textile Product Mills

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		315210	Cut and Sew Apparel Contractors
		315990	Apparel Accessories and Other Apparel Manufacturing
		336360	Motor Vehicle Seating and Interior Trim Manufacturing
3131	Boot and Shoe Cut Stock and Findings	316998	All Other Leather Good and Allied Product Manufacturing
		321999	All Other Miscellaneous Wood Product Manufacturing
		339993	Fastener, Button, Needle, and Pin Manufacturing
3142	House Slippers	316210	Footwear Manufacturing
3143	Men's Footwear, Except Athletic	316210	Footwear Manufacturing
3144	Women's Footwear, Except Athletic	316210	Footwear Manufacturing
3149	Footwear, Except Rubber, Not Elsewhere Classified	316210	Footwear Manufacturing
3151	Leather Gloves and Mittens	314999	All Other Miscellaneous Textile Product Mills
		315210	Cut and Sew Apparel Contractors
		315990	Apparel Accessories and Other Apparel Manufacturing
3161	Luggage	316998	All Other Leather Good and Allied Product Manufacturing
3171	Women's Handbags and Purses	316992	Women's Handbag and Purse Manufacturing
3172	Personal Leather Goods, Except Women's Handbags and Purses	316998	All Other Leather Good and Allied Product Manufacturing
		339910	Jewelry and Silverware Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3199	Leather Goods, Not Elsewhere Classified	316998	All Other Leather Good and Allied Product Manufacturing

SECTOR W: FURNITURE AND FIXTURES

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2434	Wood Kitchen Cabinets	337110	Wood Kitchen Cabinet and Countertop Manufacturing
2511	Wood Household Furniture, Except Upholstered	337122	Non-upholstered Wood Household Furniture Manufacturing
		337215	Showcase, Partition, Shelving, and Locker Manufacturing
2512	Wood Household Furniture, Upholstered	337121	Upholstered Household Furniture Manufacturing
2514	Metal Household Furniture	337121	Upholstered Household Furniture Manufacturing
		337124	Metal Household Furniture Manufacturing
		337215	Showcase, Partition, Shelving, and Locker Manufacturing
2515	Mattresses, Foundations, and Convertible Beds	337121	Upholstered Household Furniture Manufacturing
		337910	Mattress Manufacturing
2517	Wood Television, Radio, Phonograph, and Sewing Machine Cabinets	321999	All Other Miscellaneous Wood Product Manufacturing
2519	Household Furniture, Not Elsewhere Classified	337125	Household Furniture (except Wood and Metal) Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2521	Wood Office Furniture	337211	Wood Office Furniture Manufacturing
2522	Office Furniture, Except Wood	337214	Office Furniture (Except Wood) Manufacturing
2531	Public Building and Related Furniture	336360	Motor Vehicle Seating and Interior Trim Manufacturing
		337127	Institutional Furniture Manufacturing
		339940	Office Supplies (except Paper) Manufacturing
2541	Wood Office and Store Fixtures, Partitions, Shelving, and Lockers	337110	Wood Kitchen Cabinet and Countertop Manufacturing
		337127	Institutional Furniture Manufacturing
		337212	Custom Architectural Woodwork and Millwork Manufacturing
		337215	Showcase, Partition, Shelving, and Locker Manufacturing
2542	Office and Store Fixtures, Partitions, Shelving, and Lockers, Except Wood	337127	Institutional Furniture Manufacturing
		337215	Showcase, Partition, Shelving, and Locker Manufacturing
2591	Drapery Hardware and Window Blinds and Shades	337920	Blind and Shade Manufacturing
2599	Furniture and Fixtures, Not Elsewhere Classified	333249	Other Industrial Machinery Manufacturing
		333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
		333994	Industrial Process Furnace and Oven Manufacturing
		333997	Scale and Balance Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		333999	All Other Miscellaneous General Purpose Machinery Manufacturing
		337127	Institutional Furniture Manufacturing
		339113	Surgical Appliance and Supplies Manufacturing

SECTOR X: PRINTING AND PUBLISHING

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2711	Newspapers: Publishing, or Publishing and Printing	511110	Newspaper Publishers (or publishing combined with printing, excludes exclusive Internet publishing)
2721	Periodicals: Publishing, or Publishing and Printing	511120	Periodical Publishers (or publishing combined with printing, excludes exclusive Internet publishing)
2731	Books: Publishing, or Publishing and Printing	511130	Book Publishers
		512230	Music Publishers
2732	Book Printing	323117	Books Printing
2741	Miscellaneous Publishing	511120	Periodical Publishers
		511130	Book Publishers
		511140	Directory and Mailing List Publishers
		511199	All Other Publishers
		512230	Music Publishers
2752	Commercial Printing, Lithographic	323111	Commercial Printing (except Screen and Books)

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
2754	Commercial Printing, Gravure	323111	Commercial Printing (except Screen and Books)
2759	Commercial Printing, Not Elsewhere Classified	323111	Commercial Printing (except Screen and Books)
		323113	Commercial Screen Printing
2761	Manifold Business Forms	323111	Commercial Printing (except Screen and Books)
2771	Greeting Cards	323111	Commercial Printing (except Screen and Books)
		323113	Commercial Screen Printing
		511191	Greeting Card Publishers
2782	Blankbooks, Looseleaf Binders and Devices	323111	Commercial Printing (except Screen and Books)
2789	Bookbinding and Related Work	323120	Support Activities for Printing
2791	Typesetting	323120	Support Activities for Printing
2796	Platemaking and Related Services	323120	Support Activities for Printing

SECTOR Y: RUBBER, MISCELLANEOUS PLASTIC PRODUCTS, AND MISCELLANEOUS MANUFACTURING FACILITIES

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3011	Tires and Inner Tubes	326211	Tire Manufacturing (except Retreading)
3021	Rubber and Plastics Footwear	316210	Footwear Manufacturing
3052	Rubber and Plastics Hose and Belting	326220	Rubber and Plastics Hoses and Belting Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3053	Gaskets, Packing, and Sealing Devices	339991	Gaskets, Packing, and Sealing Device Manufacturing
3061	Molded, Extruded, and Lathe-Cut Mechanical Rubber Goods	326291	Rubber Product Manufacturing for Mechanical Use
		326299	All Other Rubber Product Manufacturing
3069	Fabricated Rubber Products, Not Elsewhere Classified	313320	Fabric Coating Mills
		314910	Textile Bag and Canvas Mills
		315280	All Other Cut and Sew Apparel Manufacturing
		315990	Apparel Accessories and Other Apparel Manufacturing
		326199	All Other Plastics Product Manufacturing
		326299	All Other Rubber Product Manufacturing
		336612	Boat Building
		339113	Surgical Appliance and Supplies Manufacturing
		339920	Sporting and Athletic Goods Manufacturing
		339930	Doll, Toy, and Game Manufacturing
3081	Unsupported Plastics Film and Sheet	326113	Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing
3082	Unsupported Plastics Profile Shapes	326121	Unlaminated Plastics Profile Shape Manufacturing
3083	Laminated Plastics Plate, Sheet, and Profile Shapes	326130	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3084	Plastics Pipe	326122	Plastics Pipe and Pipe Fitting Manufacturing
3085	Plastics Bottles	326160	Plastics Bottle Manufacturing
3086	Plastics Foam Products	326140	Polystyrene Foam Product Manufacturing
		326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing
3087	Custom Compounding of Purchased Plastics Resins	325991	Custom Compounding of Purchased Resins
3088	Plastics Plumbing Fixtures	326191	Plastics Plumbing Fixture Manufacturing
3089	Plastics Products, Not Elsewhere Classified	326121	Unlaminated Plastics Profile Shape Manufacturing
		326122	Plastics Pipe and Pipe Fitting Manufacturing
		326199	All Other Plastics Product Manufacturing
		336612	Boat Building
		337215	Showcase, Partition, Shelving, and Locker Manufacturing
		339113	Surgical Appliance and Supplies Manufacturing
3931	Musical Instruments	339992	Musical Instrument Manufacturing
3942	Dolls and Stuffed Toys	339930	Doll, Toy, and Game Manufacturing
3944	Games, Toys, and Children's Vehicles, Excludes Dolls and Bicycles	336991	Motorcycle, Bicycle, and Parts Manufacturing
		339930	Doll, Toy, and Game Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3949	Sporting and Athletic Goods, Not Elsewhere Classified	339920	Sporting and Athletic Goods Manufacturing
3951	Pens, Mechanical Pencils, and Parts	339940	Office Supplies (except Paper) Manufacturing
3953	Marking Devices	339940	Office Supplies (except Paper) Manufacturing
3955	Carbon Paper and Inked Ribbons	339940	Office Supplies (except Paper) Manufacturing
3961	Costume Jewelry and Costume Novelties (Except Precious Metal)	339910	Jewelry and Silverware Manufacturing
		339993	Fastener, Button, Needle, and Pin Manufacturing
3965	Fasteners, Buttons, Needles, and Pins	339993	Fastener, Button, Needle, and Pin Manufacturing
3991	Brooms and Brushes	339994	Broom, Brush, and Mop Manufacturing
3993	Signs and Advertising Specialties	323113	Commercial Screen Printing
		339950	Sign Manufacturing
3995	Burial Caskets	339995	Burial Casket Manufacturing
3996	Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor Coverings, Not Elsewhere Classified	326199	All Other Plastics Product Manufacturing
3999	Manufacturing Industries, Not Elsewhere Classified	316110	Leather and Hide Tanning and Finishing
		321999	All Other Miscellaneous Wood Product Manufacturing
		325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing
		326199	All Other Plastics Product Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3999	Manufacturing Industries, Not Elsewhere Classified	332215	Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing
		332216	Saw Blade and Handtool Manufacturing
		332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers
		332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
		333318	Other Commercial and Service Industry Machinery Manufacturing
		335121	Residential Electric Lighting Fixture Manufacturing
		335210	Small Electrical Appliance Manufacturing
		336612	Boat Building
		337127	Institutional Furniture Manufacturing
		339930	Doll, Toy, and Game Manufacturing
		339999	All Other Miscellaneous Manufacturing

SECTOR Z: LEATHER TANNING AND FINISHING

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3111	Leather Tanning and Finishing	316110	Leather and Hide Tanning and Finishing

SECTOR AA: FABRICATED METAL PRODUCTS FACILITIES

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3411	Metal Cans	332431	Metal Can Manufacturing
3412	Metal Shipping Barrels, Drums, Kegs, and Pails	332439	Other Metal Container Manufacturing
3421	Cutlery	332215	Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing
		332216	Saw Blade and Handtool Manufacturing
3423	Hand and Edge Tools, Excludes Machine Tools and Handsaws	332216	Saw Blade and Handtool Manufacturing
3425	Saw Blades and Handsaws	332216	Saw Blade and Handtool Manufacturing
3429	Hardware, Not Elsewhere Classified	332439	Other Metal Container Manufacturing
		332510	Hardware Manufacturing
		332722	Bolt, Nut, Screw, Rivet, and Washer Manufacturing
		332919	Other Metal Valve and Pipe Fitting Manufacturing
		332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
		333923	Overhead Traveling Crane, Hoist, and Monorail System Manufacturing
		334519	Other Measuring and Controlling Device Manufacturing
		336390	Other Motor Vehicle Parts Manufacturing
		337215	Showcase, Partition, Shelving, and Locker Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3431	Enameled Iron and Metal Sanitary Ware	332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
3432	Plumbing Fixture Fittings and Trim	332913	Plumbing Fixture Fitting and Trim Manufacturing
		332919	Other Metal Valve and Pipe Fitting Manufacturing
		332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
3433	Heating Equipment, Except Electric and Warm Air Furnaces	333414	Heating Equipment (except Warm Air Furnaces) Manufacturing
3441	Fabricated Structural Metal	332312	Fabricated Structural Metal Manufacturing
3442	Metal Doors, Sash, Frames, Molding, and Trim Manufacturing	332321	Metal Window and Door Manufacturing
3443	Fabricated Plate Work (Boiler Shops)	332313	Plate Work Manufacturing
		332410	Power Boiler and Heat Exchanger Manufacturing
		332420	Metal Tank (Heavy Gauge) Manufacturing
		333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
3444	Sheet Metal Work	332321	Metal Window and Door Manufacturing
		332322	Sheet Metal Work Manufacturing
		332439	Other Metal Container Manufacturing
		333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3446	Architectural and Ornamental Metal Work	332323	Ornamental and Architectural Metal Work Manufacturing
3448	Prefabricated Metal Buildings and Components	332311	Prefabricated Metal Building and Component Manufacturing
3449	Miscellaneous Structural Metal Work	332114	Custom Roll Forming
		332312	Fabricated Structural Metal Manufacturing
		332323	Ornamental and Architectural Metal Work Manufacturing
3451	Screw Machine Products	332721	Precision Turned Product Manufacturing
3452	Bolts, Nuts, Screws, Rivets, and Washers	332722	Bolt, Nut, Screw, Rivet, and Washer Manufacturing
3462	Iron and Steel Forgings	332111	Iron and Steel Forging
3463	Nonferrous Forgings	332112	Nonferrous Forging
3465	Automotive Stampings	336370	Motor Vehicle Metal Stamping
3466	Crowns and Closures	332119	Metal Crown, Closure, and Other Metal Stamping (except Automotive)
3469	Metal Stampings, Not Elsewhere Classified	332119	Metal Crown, Closure, and Other Metal Stamping (except Automotive)
		332215	Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing
		332439	Other Metal Container Manufacturing
3471	Electroplating, Plating, Polishing, Anodizing, and Coloring	332813	Electroplating, Plating, Polishing, Anodizing, and Coloring
3479	Coating, Engraving, and Allied Services, Not Elsewhere Classified	332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		339910	Jewelry and Silverware Manufacturing
3482	Small Arms Ammunition	332992	Small Arms Ammunition Manufacturing
3483	Ammunition, Excepts for Small Arms	332993	Ammunition (except Small Arms) Manufacturing
3484	Small Arms	332994	Small Arms, Ordnance, and Ordnance Accessories Manufacturing
3489	Ordnance and Accessories, Not Elsewhere Classified	332994	Small Arms, Ordnance, and Ordnance Accessories Manufacturing
3491	Industrial Valves	332911	Industrial Valve Manufacturing
3492	Fluid Power Valves and Hose Fittings	332912	Fluid Power Valve and Hose Fitting Manufacturing
3493	Steel Springs, Except Wire	332613	Spring Manufacturing
3494	Valves and Pipe Fittings, Not Elsewhere Classified	332919	Other Metal Valve and Pipe Fitting Manufacturing
		332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
3495	Wire Springs	332613	Spring Manufacturing
		334519	Other Measuring and Controlling Device Manufacturing
3496	Miscellaneous Fabricated Wire Products	332215	Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing
		332618	Other Fabricated Wire Product Manufacturing
		333924	Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing
3497	Metal Foil and Leaf	322220	Paper Bag and Coated and Treated Paper Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
3498	Fabricated Pipe and Pipe Fittings	332996	Fabricated Pipe and Pipe Fitting Manufacturing
3499	Fabricated Metal Products, Not Elsewhere Classified	332117	Powder Metallurgy Part Manufacturing
		332439	Other Metal Container Manufacturing
		332510	Hardware Manufacturing
		332919	Other Metal Valve and Pipe Fitting Manufacturing
		332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
3499	Fabricated Metal Products, Not Elsewhere Classified	336360	Motor Vehicle Seating and Interior Trim Manufacturing
		337215	Showcase, Partition, Shelving, and Locker Manufacturing
3911	Jewelry, Precious Metal	339910	Jewelry and Silverware Manufacturing
3914	Silverware, Plated Ware, and Stainless Steel Ware	332215	Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing
		332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
		339910	Jewelry and Silverware Manufacturing
3915	Jewelers' Findings and Materials, and Lapidary Work	334519	Other Measuring and Controlling Device Manufacturing
		339910	Jewelry and Silverware Manufacturing

SECTOR BB: TRANSPORTATION EQUIPMENT, INDUSTRIAL OR COMMERCIAL MACHINERY MANUFACTURING FACILITIES

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3511	Steam, Gas, and Hydraulic Turbines, and Turbine Generator Set Units	333611	Turbine and Turbine Generator Set Units Manufacturing
3519	Internal Combustion Engines, Not Elsewhere Classified	333618	Other Engine Equipment Manufacturing
		336390	Other Motor Vehicle Parts Manufacturing
3523	Farm Machinery and Equipment	332216	Saw Blade and Handtool Manufacturing
		332323	Ornamental and Architectural Metal Work Manufacturing
		333111	Farm Machinery and Equipment Manufacturing
		333922	Conveyor and Conveying Equipment Manufacturing
3524	Lawn and Garden Tractors and Home Lawn and Garden Equipment	332216	Saw Blade and Handtool Manufacturing
		333112	Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing
3531	Construction Machinery and Equipment	333120	Construction Machinery Manufacturing
		333923	Overhead Traveling Crane, Hoist, and Monorail System Manufacturing
		336510	Railroad Rolling Stock Manufacturing
3532	Mining Machinery and Equipment, Except Oil and Gas Field Machinery and Equipment	333131	Mining Machinery and Equipment Manufacturing
3533	Oil and Gas Field Machinery and Equipment	333132	Oil and Gas Field Machinery and Equipment Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3534	Elevators and Moving Stairways	333921	Elevators and Moving Stairway Manufacturing
3535	Conveyors and Conveying Equipment	333922	Conveyors and Conveying Equipment Manufacturing
3536	Overhead Traveling Cranes, Hoists, and Monorail Systems	333923	Overhead Traveling Cranes, Hoists, and Monorail System Manufacturing
3537	Industrial Trucks, Tractors, Trailers, and Stackers	332439	Other Metal Container Manufacturing
		332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
		333924	Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing
3541	Machine Tools, Metal Cutting Types	333517	Machine Tool Manufacturing
3542	Machine Tools, Metal Forming Types	333517	Machine Tool Manufacturing
3543	Industrial Patterns	332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
3544	Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds	333511	Industrial Mold Manufacturing
		333514	Special Die and Tool, Die Set, Jig, and Fixture Manufacturing
3545	Cutting Tools, Machine Tool Accessories, and Machinists' Precision Measuring Devices	332216	Saw Blade and Handtool Manufacturing
		333515	Cutting Tool and Machine Tool Accessory Manufacturing
3546	Power-Driven Hand Tools	333991	Power-Driven Handtool Manufacturing
3547	Rolling Mill Machinery and Equipment	333519	Rolling Mill and Other Metalworking Machinery Manufacturing
3548	Electric and Gas Welding and Soldering Equipment	333992	Welding and Soldering Equipment Manufacturing
		335311	Power, Distribution, and Specialty Transformer Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3549	Metalworking Machinery, Not Elsewhere Classified	333519	Rolling Mill and Other Metalworking Machinery Manufacturing
3552	Textile Machinery	333249	Other Industrial Machinery Manufacturing
3553	Woodworking Machinery	333243	Sawmill, Woodworking, and Paper Machinery Manufacturing
3554	Paper Industries Machinery	333243	Sawmill, Woodworking, and Paper Machinery Manufacturing
3555	Printing Trades Machinery and Equipment	333244	Printing Machinery and Equipment Manufacturing
3556	Food Products Machinery	333241	Food Product Machinery Manufacturing
3559	Special Industry Machinery, Not Elsewhere Classified	332410	Power Boiler and Heat Exchanger Manufacturing
		333111	Farm Machinery and Equipment Manufacturing
		333242	Semiconductor Machinery Manufacturing
		333249	Other Industrial Machinery Manufacturing
		333318	Other Commercial and Service Industry Machinery Manufacturing
3561	Pumps and Pumping Equipment	333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing
3562	Ball and Roller Bearings	332991	Ball and Roller Bearing Manufacturing
3563	Air and Gas Compressors	333912	Air and Gas Compressor Manufacturing
3564	Industrial and Commercial Fans and Blowers and Air Purification Equipment	333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3565	Packaging Machinery	333993	Packaging Machinery Manufacturing
3566	Speed Changers, Industrial High-Speed Drives, and Gears	333612	Speed Changer, Industrial High-Speed Drives, and Gear Manufacturing
3567	Industrial Process Furnaces and Ovens	333994	Industrial Process Furnace and Oven Manufacturing
3568	Mechanical Power Transmission Equipment, Not Elsewhere Classified	333613	Mechanical Power Transmission Equipment Manufacturing
3569	General Industrial Machinery and Equipment, Not Elsewhere	314999	All Other Miscellaneous Textile Product Mills
		333414	Heating Equipment (except Warm Air Furnaces) Manufacturing
		333999	All Other Miscellaneous General Purpose Machinery Manufacturing
3581	Automatic Vending Machines	333318	Other Commercial and Service Industry Machinery Manufacturing
3582	Commercial Laundry, Dry Cleaning, and Pressing Machines	333318	Other Commercial and Service Industry Machinery Manufacturing
3585	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment	333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
		336390	Other Motor Vehicle Parts Manufacturing
3586	Measuring and Dispensing Pumps	333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing
3589	Service Industry Machinery, Not Elsewhere Classified	333318	Other Commercial and Service Industry Machinery Manufacturing
3592	Carburetors, Pistons, Piston Rings, and Valves	336310	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3593	Fluid Power Cylinders and Actuators	333995	Fluid Power Cylinder and Actuator Manufacturing
3594	Fluid Power Pumps and Motors	333996	Fluid Power Pumps and Motor Manufacturing
3596	Scales and Balances, Except Laboratory	333997	Scale and Balance Manufacturing
3599	Industrial and Commercial Machinery and Equipment, Not Elsewhere Classified	332710	Machine Shops
		332813	Electroplating, Plating, Polishing, Anodizing and Coloring
		332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
		333318	Other Commercial and Service Industry Machinery Manufacturing
		333999	All Other Miscellaneous General Purpose Machinery Manufacturing
		334519	Other Measuring and Controlling Device Manufacturing
		336390	All Other Motor Vehicle Parts Manufacturing
3711	Motor Vehicles and Passenger Car Bodies	336111	Automobile Manufacturing
		336112	Light Truck and Utility Vehicle Manufacturing
		336120	Heavy Duty Truck Manufacturing
		336211	Motor Vehicle Body Manufacturing
		336992	Military Armored Vehicle, Tank, and Tank Component Manufacturing
3713	Truck and Bus Bodies	336211	Motor Vehicle Body Manufacturing
3714	Motor Vehicle Parts and Accessories	336211	Motor Vehicle Body Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3714	Motor Vehicle Parts and Accessories	336310	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing
		336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing
		336330	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing
		336340	Motor Vehicle Brake System Manufacturing
		336350	Motor Vehicle Transmission and Power Train Parts Manufacturing
		336390	Other Motor Vehicle Parts Manufacturing
3715	Truck Trailers	336212	Truck and Trailer Manufacturing
3716	Motor Homes	336213	Motor Home Manufacturing
3721	Aircraft	336411	Aircraft Manufacturing
3724	Aircraft Engines and Engine Parts	336412	Aircraft Engine and Engine Parts Manufacturing
3728	Aircraft Parts and Auxiliary Equipment, Not Elsewhere Classified	332912	Fluid Power Valve and Hose Fitting Manufacturing
		336411	Aircraft Manufacturing
		336413	Other Aircraft Part and Auxiliary Equipment Manufacturing
3743	Railroad Equipment	333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing
		336510	Railroad Rolling Stock Manufacturing
3751	Motorcycles, Bicycles, and Parts	336991	Motorcycle, Bicycle, and Parts Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3761	Guided Missiles and Space Vehicles	336414	Guided Missile and Space Vehicle Manufacturing
3764	Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts	336415	Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing
3769	Guided Missile and Space Vehicle Parts and Auxiliary Equipment, Not Elsewhere Classified	336419	Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing
3792	Travel Trailers and Campers	336214	Travel Trailer and Camper Manufacturing
3795	Tanks and Tank Components	336992	Military Armored Vehicle, Tank, and Tank Component Manufacturing
3799	Transportation Equipment, Not Elsewhere Classified	333924	Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing
		336214	Travel Trailer and Camper Manufacturing
		336390	Other Motor Vehicle Parts Manufacturing
		336999	All Other Transportation Equipment Manufacturing

SECTOR CC: ELECTRONIC, ELECTRICAL, PHOTOGRAPHIC, AND OPTICAL GOODS

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3571	Electronic Computers	334111	Electronic Computer Manufacturing
3572	Computer Storage Devices	334112	Computer Storage Device Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3575	Computer Terminals	334118	Computer Terminal and Other Computer Peripheral Equipment Manufacturing
3577	Computer Peripheral Equipment, Not Elsewhere Classified	333316	Photographic and Photocopying Equipment Manufacturing
		334118	Computer Terminal and Other Computer Peripheral Equipment Manufacturing
		334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing
		334613	Blank Magnetic and Optical Recording Media Manufacturing
3578	Calculating and Accounting Machines, Except Electronic Computers	333316	Photographic and Photocopying Equipment Manufacturing
		333318	Other Commercial and Service Industry Machinery Manufacturing
		334118	Computer Terminal and Other Computer Peripheral Equipment Manufacturing
3579	Office Machines, Not Elsewhere Classified	333318	Other Commercial and Service Industry Machinery Manufacturing
		334519	Other Measuring and Controlling Device Manufacturing
		339940	Office Supplies (except Paper) Manufacturing
3612	Power, Distribution, and Specialty Transformers	335311	Power, Distribution, and Specialty Transformer Manufacturing
3613	Switchgear and Switchboard Apparatus	335313	Switchgear and Switchboard Apparatus Manufacturing
3621	Motors and Generators	335312	Motors and Generator Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3624	Carbon and Graphite Products	335991	Carbon and Graphite Product Manufacturing
3625	Relays and Industrial Controls	335314	Relay and Industrial Control Manufacturing
3629	Electrical Industrial Apparatus, Not Elsewhere Classified	335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing
3631	Household Cooking Equipment	335220	Major Household Appliance Manufacturing
3632	Household Refrigerators and Home and Farm Freezers	335220	Major Household Appliance Manufacturing
3633	Household Laundry Equipment	335220	Major Household Appliance Manufacturing
3634	Electric Housewares and Fans	333414	Heating Equipment (except Warm Air Furnaces) Manufacturing
		335210	Small Electrical Appliance Manufacturing
		339999	All Other Miscellaneous Manufacturing
3635	Household Vacuum Cleaners	335210	Small Electrical Appliance Manufacturing
3639	Household Appliances, Not Elsewhere Classified	333249	Other Industrial Machinery Manufacturing
		335210	Small Electrical Appliance Manufacturing
		335220	Major Household Appliance Manufacturing
3641	Electric Lamp Bulbs and Tubes	335110	Electric Lamp Bulbs and Part Manufacturing
3643	Current-Carrying Wiring Devices	335931	Current-Carrying Wiring Device Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3644	Noncurrent-Carrying Wiring Devices	332216	Saw Blade and Handtool Manufacturing
		335932	Noncurrent-Carrying Wiring Device Manufacturing
3645	Residential Electric Lighting Fixtures	335121	Residential Electric Lighting Fixture Manufacturing
3646	Commercial, Industrial, and Institutional Electric Lighting Fixtures	335122	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing
3647	Vehicular Lighting Equipment	336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing
3648	Lighting Equipment, Not Elsewhere Classified	335129	Other Lighting Equipment Manufacturing
3651	Household Audio and Video Equipment	334310	Audio and Video Equipment Manufacturing
3652	Phonograph Records and Prerecorded Audio Tapes and Disk	334614	Software and Other Prerecorded Compact Disc, Tape, and Record Reproducing
		512250	Record Production and Distribution
3661	Telephone and Telegraph Apparatus	334210	Telephone Apparatus Manufacturing
		334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing
3663	Radio and Television Broadcasting and Communications Equipment	334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
		334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
3669	Communications Equipment, Not Elsewhere Classified	334290	Other Communications Equipment Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3671	Electron Tubes	334419	Other Electronic Component Manufacturing
3672	Printed Circuit Boards	334412	Bare Printed Circuit Board Manufacturing
3674	Semiconductors and Related Devices	334413	Semiconductor and Related Device Manufacturing
3675	Electronic Capacitors	334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing
3676	Electronic Resistors	334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing
3677	Electronic Coils, Transformers, and Other Inductors	334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing
3678	Electronic Connectors	334417	Electronic Connector Manufacturing
3679	Electronic Components, Not Elsewhere Classified	334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
		334310	Audio and Video Equipment Manufacturing
		334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing
		334419	Other Electronic Component Manufacturing
		334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
3691	Storage Batteries	335911	Storage Battery Manufacturing
3692	Primary Batteries, Dry and Wet	335912	Primary Battery Manufacturing
3694	Electrical Equipment for Internal Combustion Engines	336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3695	Magnetic and Optical Recording Media	334613	Blank Magnetic and Optical Recording Media Manufacturing
3699	Electrical Machinery, Equipment, and Supplies, Not Elsewhere	333318	Other Commercial and Service Industry Machinery Manufacturing
		333618	Other Engine Equipment Manufacturing
		333992	Welding and Soldering Equipment Manufacturing
		335129	Other Lighting Equipment Manufacturing
	Electrical Machinery, Equipment, and Supplies, Not Elsewhere	335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing
3812	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments	334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
3821	Laboratory Apparatus and Furniture	333249	Other Industrial Machinery Manufacturing
		333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
		333994	Industrial Process Furnace and Oven Manufacturing
		333997	Scale and Balance Manufacturing
		333999	All Other Miscellaneous General Purpose Machinery Manufacturing
		337127	Institutional Furniture Manufacturing
		339113	Surgical Appliance and Supplies Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3822	Automatic Controls for Regulating Residential and Commercial Environments and Appliances	334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
3823	Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products	334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
3824	Totalizing Fluid Meters and Counting Devices	334514	Totalizing Fluid Meter and Counting Device Manufacturing
3825	Instruments for Measuring and Testing of Electricity and Electrical Signals	334514	Totalizing Fluid Meter and Counting Device Manufacturing
		334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
3826	Laboratory Analytical Instruments	334516	Analytical Laboratory Instrument Manufacturing
3827	Optical Instruments and Lenses	333314	Optical Instruments and Lens Manufacturing
3829	Measuring and Controlling Devices, Not Elsewhere Classified	334514	Totalizing Fluid Meter and Counting Device Manufacturing
		334519	Other Measuring and Controlling Device Manufacturing
		339112	Surgical and Medical Instrument Manufacturing
3841	Surgical and Medical Instruments and Apparatus	332994	Small Arms, Ordnance, and Ordnance Accessories Manufacturing
		333249	Other Industrial Machinery Manufacturing
		333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
3841	Surgical and Medical Instruments and Apparatus	333994	Industrial Process Furnace and Oven Manufacturing
		333997	Scale and Balance Manufacturing
		333999	All Other Miscellaneous General Purpose Machinery Manufacturing
		337127	Institutional Furniture Manufacturing
		339112	Surgical and Medical Instrument Manufacturing
		339113	Surgical Appliance and Supplies Manufacturing
3842	Orthopedic, Prosthetic, and Surgical Appliances and Supplies	322291	Sanitary Paper Product Manufacturing
		334510	Electromedical and Electrotherapeutic Apparatus Manufacturing
		339113	Surgical Appliance and Supplies Manufacturing
		339999	All Other Miscellaneous Manufacturing
3843	Dental Equipment and Supplies	339114	Dental Equipment and Supplies Manufacturing
3844	X-Ray Apparatus and Tubes and Related Irradiation Apparatus	334517	Irradiation Apparatus Manufacturing
3845	Electromedical and Electrotherapeutic Apparatus	334510	Electromedical and Electrotherapeutic Apparatus Manufacturing
		334517	Irradiation Apparatus Manufacturing
3851	Ophthalmic Goods	339113	Surgical Appliance and Supplies Manufacturing
		339115	Ophthalmic Goods Manufacturing
3861	Photographic Equipment and Supplies	325992	Photographic Film, Paper, Plate, and Chemical Manufacturing

SIC Code	SIC Code Description	2017 NAICS Code	NAICS Code Description
		333316	Photographic and Photocopying Equipment Manufacturing
3873	Watches, Clocks, Clockwork Operated Devices, and Parts	334519	Other Measuring and Controlling Device Manufacturing

SECTOR AD: MISCELLANEOUS INDUSTRIAL ACTIVITIES

Activity Codes and Description of Industry

Limited to facilities that are designated by the executive director as needing a permit to control pollution related to stormwater discharges and that do not meet the description of an industrial activity covered by Sectors A-AC.

2. Miscellaneous Industrial Activities

Sector AD is used to provide permit coverage for facilities that are designated by the executive director as needing a permit to control pollution related to stormwater discharges and do not meet the description of an industrial activity covered by Sectors A through AC. A facility that is not otherwise listed in Part V of this general permit is not eligible to apply for coverage under Sector AD, unless directed to do so in writing by the executive director.

3. Co-located Industrial Activities

A facility operator is required to either obtain authorization under this general permit, under an individual TPDES stormwater permit, or under an alternative general permit if the facility meets one or more of the criteria listed in Part II, Section A.1.(a) above. If these facilities have additional activities that are described by a secondary SIC code that is listed in the table above, then these additional activities are described as co-located industrial activities. Stormwater discharges from co-located industrial activities may be authorized under this general permit provided that the operator complies with all of the sector specific requirements defined in Part V of this general permit for each of these co-located activities. The sector specific requirements apply only to the portion of the facility where that specific sector of activity occurs, except where runoff from different activities combines before leaving the property. In cases where these discharges combine, the monitoring requirements and effluent limitations from each sector that contributes runoff to the discharge must be met.

4. Co-located Industrial Facilities

A facility operator is required to either obtain authorization under this general permit, under an individual TPDES stormwater permit, or under an alternative general permit if the facility meets one or more of the criteria in Part II, Section A.1.(a) above. Multiple industrial facilities may be described as “co-located” if they share a common property boundary. If authorization under this general permit is sought, the operator of each of co-located facility must individually obtain authorization to discharge under this general permit.

Each co-located facility will be issued a distinct authorization number. Each co-located industrial facility operator may either develop a separate stormwater pollution prevention plan (SWP3 or plan) or may participate in a shared SWP3. Co-located industrial facilities that develop a shared SWP3 must develop the SWP3 to meet the requirements stated in Parts III and V of this general permit, in addition to the following:

- (a) **Participants.** The SWP3 must clearly list the name and authorization number (when known) for each facility that participates in the shared SWP3. Each participant in the shared plan must sign the SWP3 according to 30 TAC §305.128 (relating to Signatories to Reports.)
- (b) **Responsibilities.** The SWP3 must clearly indicate which permittee is responsible for performing each shared element of the SWP3. If the responsibility for performing an element is not described in the plan, then each permittee is entirely responsible for performing the element within the boundaries of its facility and in any common or shared area. The SWP3 must clearly describe responsibilities for meeting each element in shared or common areas.
- (c) **Site Map.** The site map must clearly delineate the boundaries around each co-located industrial facility and the boundaries around shared or common areas that are used by two or more facilities.

Co-located facilities may alternatively obtain a conditional exclusion based on no-exposure, in accordance with Part II, Section C. of this general permit, if applicable.

5. Requirements for Military Installations and Other Publicly-Owned Facilities

- (a) Stormwater discharges from military or other public installations or government institutions that conduct any industrial activities described by an SIC code or an industrial activity code that is listed in Part II, Section A.1. and Part V of this general permit, or that otherwise meet the conditions described in Part II, Section A.1.(a) relating to the need for a permit, must either be authorized under this general permit, an individual TPDES stormwater permit, or an alternative general permit. For example, the SIC code of military installations is 9711 and the SIC code for universities is 8221, neither of which are listed in this general permit; however, the need for a permit will be based on individual activities that occur at the installation.
- (b) Other publicly operated facilities (i.e., stand-alone facilities) that conduct activities described under Part II, Section A.1. of this general permit must meet the conditions of the general permit for those regulated activities. For example, a city-operated landfill would be described by industrial activity code LF and would need a permit, and a county-operated bus maintenance facility would fall under SIC Code 4111 or 4173 and would also need a permit. However, the general vehicle maintenance shop for a city's motor pool would not typically be regulated unless the vehicles being maintained would classify the maintenance yard under an SIC code in the 4100 or 4200 series (for example if the city motor pool also maintains the city's public transportation busses and the yard performs at least 50% of its maintenance activities on the city's public transportation busses).

6. Non-Stormwater Discharges

Industrial facilities that qualify for coverage under this general permit may discharge the following non-stormwater discharges through outfalls identified in the SWP3, according to the requirements of this general permit:

- (a) discharges from emergency firefighting activities;

- (b) uncontaminated fire hydrant flushings (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life);
- (c) potable water sources (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life);
- (d) lawn watering and similar irrigation drainage, provided that all pesticides, herbicides, and fertilizer have been applied in accordance with the approved labeling;
- (e) water from the routine external washing of buildings, conducted without the use of detergents or other chemicals;
- (f) water from the routine washing of pavement conducted without the use of detergents or other chemicals and where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed);
- (g) uncontaminated air conditioner condensate, compressor condensate, and steam condensate, and condensate from the outside storage of refrigerated gases or liquids;
- (h) water from foundation or footing drains where flows are not contaminated with pollutants (e.g., process materials, solvents, and other pollutants);
- (i) uncontaminated water used for dust suppression;
- (j) springs and other uncontaminated groundwater;
- (k) incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but excluding intentional discharges from the cooling tower (e.g., “piped” cooling tower blowdown or drains); and
- (l) other discharges described in Part V of this permit that are subject to effluent guidelines and effluent limitations.

Section B. Limitations on Permit Coverage

1. Suspension or Revocation of Permit Coverage

Authorization under this general permit may be suspended or revoked for cause. Filing a notice of planned changes or anticipated non-compliance by the permittee does not stay any permit condition. The permittee shall furnish to the executive director, upon request, any information necessary for the executive director to determine whether cause exists for revoking, suspending, or terminating authorization under this permit. Additionally, the permittee shall provide to the executive director, upon request, copies of all records that the permittee is required to maintain as a condition of the permit.

Failure to comply with any permit condition is a violation of the permit and the statutes under which it was issued, and is grounds for enforcement action, revoking coverage under this general permit, or requiring the permittee to apply for and obtain an individual TPDES permit or alternative general permit.

2. Discharges Authorized by Another TPDES Permit

Discharges authorized by an individual TPDES permit or another general TPDES permit may only be authorized under this TPDES general permit if all of the following conditions are met:

- (a) the discharges meet the applicability and eligibility requirements for coverage under this general permit;
- (b) the individual or alternative general permit does not contain numeric water quality-based effluent limitations for the discharge (unless industrial activities that resulted in the limitations have ceased and any contamination that resulted in these limitations has been removed or remediated);
- (c) specific BMP requirements of the current individual permit are continued as a provision of the SWP3;
- (d) the executive director has not determined that continued coverage under an individual permit is required based on consideration of a TMDL model, anti-backsliding policy, history of substantive non-compliance or other considerations and requirements of 30 TAC Chapter 205, or other site-specific considerations; and
- (e) a previous application or permit for the discharges was not denied, terminated, or revoked by the executive director as a result of enforcement or water quality related concerns. The executive director may provide a waiver to this provision based on new circumstances at the facility or if the operations of the facility are the responsibility of a new operator.

3. Stormwater Discharges from Construction Activity

Stormwater discharges associated with construction activities are not eligible for authorization under this general permit. Discharges of stormwater that are regulated under this permit and that combine with stormwater from construction activities are not eligible for coverage under this general permit unless the construction site runoff meets one of the following conditions:

- (a) authorization is under a separate TPDES permit;
- (b) authorization is under a separate NPDES permit; or
- (c) TPDES or NPDES permit coverage is not required.

4. Stormwater Discharges from Salt Storage Piles

Stormwater that contacts salt storage piles (e.g., salt for deicing or other commercial or industrial purposes) may not be discharged to surface water in the state under authority of this general permit. Stormwater that contacts salt storage piles must be discharged under the authority of an individual TPDES permit or alternative general permit, or must be captured within a containment structure. Stormwater that contacts salt storage piles and is captured must either be disposed of in a manner that does not allow a discharge into or adjacent to water in the state, or in a manner otherwise approved by the executive director.

The permittee(s) shall prevent exposure of salt storage piles, or piles containing salt, used for deicing or other commercial or industrial purposes, including maintenance of paved surfaces. This material must be enclosed or covered. Appropriate BMPs (e.g., good housekeeping, diversions, containment) must be implemented to minimize exposure resulting from adding to or removing materials from the pile(s).

5. Discharges of Stormwater Mixed with Non-Stormwater

Stormwater discharges associated with industrial activity that combine with sources of non-stormwater are not eligible for coverage by this general permit, unless either the non-

stormwater source is described in Part II, Section A.6. of this permit or the non-stormwater source is authorized under a separate TPDES permit.

6. Compliance with Water Quality Standards

Discharges that would cause or contribute to a violation of water quality standards, or that would fail to protect and maintain existing designated uses of receiving waters are not eligible for coverage under this general permit. The executive director may require an application for an individual permit or alternative general permit to authorize discharges of stormwater from any industrial facility that is determined to cause a violation of water quality standards or is found to cause, or contribute to, the loss of a designated use of receiving waters.

7. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements

Discharges of the pollutant(s) of concern to impaired water bodies where there is a TMDL are not eligible for coverage under this permit, unless they are consistent with the EPA-approved TMDL. Permittees must incorporate the limitations, conditions, and requirements applicable to their discharges, including monitoring frequency and reporting required by TCEQ rules, into their SWP3 in order to be eligible for MSGP permit coverage.

A discharge into an impaired water body is one where the discharge is directly to a water body that is either identified on the latest EPA-approved CWA Section 303(d) List, the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d), or is covered by an EPA-approved TMDL. For stormwater that first enters a storm sewer system prior to discharge, the determination is made by the identity of the first body of water the discharge enters upon exiting the storm sewer system.

(a) The permittee shall determine whether the permitted authorized discharge is to an impaired water body on the latest EPA-approved CWA Section 303(d) List, or waters with an EPA-approved or established TMDL that are found on the latest EPA-approved Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d) as not meeting applicable Texas Surface Water Quality Standards.

(b) New Discharges to Water Quality Impaired Water Bodies

For a new discharge to an impaired water body, the permittee shall either:

- (1) Prevent exposure to stormwater of the pollutant(s) for which the water body is impaired (i.e., the pollutant(s) of concern), and retain on-site documentation of the preventive measures within the SWP3;
- (2) Document that the pollutant(s) for which the water body is impaired is/are not present in the regulated industrial activity at the site, and retain documentation of this finding in the SWP3 (e.g., if the pollutant of concern is bacteria, but the only identifiable source of bacteria that is wildlife occurring on the property, then the bacteria levels could be considered “background” for the purposes of this permit requirement); or
- (3) Obtain analytical data to support a showing that the discharge is not expected to cause or contribute to an exceedance of a water quality standard. The data and technical evaluation must demonstrate that the discharge of the pollutant of concern for which the water is impaired is below the level of concern (e.g. benchmark value). If the pollutant of concern is present above the level of concern, the permittee must follow the requirements in Part II, Section B.7.(b)(3)e. below. Data and supporting technical information must be retained with the SWP3. The

permittee shall use the following method to demonstrate this finding, unless an alternate method is authorized by the TCEQ in writing:

- a. The permittee shall collect one or more representative sample(s) of stormwater in accordance with Part III, Section D.2. of this general permit, and analyze the sample(s) for the pollutant of concern (e.g., hazardous metals, bacteria, nutrients, etc.).

For example, if the pollutant of concern is bacteria, the permittee shall sample for *E. coli* if discharging to fresh water, and enterococci if discharging to salt water. If the impairment is due to low dissolved oxygen (DO), the permittee shall monitor for BOD, COD, or both, based on the nature of the industrial activity, or in accordance with guidance provided by the TCEQ (e.g., information may be sent in writing directly to the permittee on request, or may be available on the TCEQ's TPDES stormwater webpages). If the impairment is due to nutrients, the permittee shall sample for total phosphorous if the discharge is to fresh water and for total nitrogen if the discharge is to salt water.

If the impairment is due to a parameter for which there is not a clear analytical testing protocol (e.g., sediment, fish tissue, etc.), the permittee shall contact the TCEQ for guidance on which pollutant(s), if any, to monitor for, and the TCEQ will respond in writing to the permittee. This documentation must be retained in the SWP3.

- b. If the facility operator is not able to collect a sample because the facility is not yet in operation, then the operator may submit an application to obtain coverage prior to sampling. The permittee shall collect the representative sample(s) from the first available discharge after commencing operation.
 - c. The permittee shall compare the analytical results with the benchmark monitoring levels found in the facility's applicable sector located in Part IV of this general permit. Where a benchmark result is not available, the permittee shall compare the results to the water quality criteria in 30 TAC Chapter 307, or to the minimum analytical level (MAL). The pollutant is not considered to be present within the discharge when not detected above the MAL. The pollutant is considered below the level of concern when sampling results are below benchmark levels, the applicable water quality criteria, or natural background levels.
 - d. If the first year sampling results indicate that the discharge is below the level of concern or is not present in the discharge, then no additional sampling for the pollutant of concern is required.
 - e. If sampling results indicate that the pollutant of concern is present in the discharge at a level of concern, then the permittee shall perform the following activities:
 - (i) Monitor the discharge in accordance with Part III, Section B.4., "Water Quality Monitoring Requirements," and
 - (ii) Revise the SWP3 to address controls that the permittee will utilize to reduce the discharge of the pollutant of concern.
- (4) A new discharge is not eligible for coverage under this permit for discharges to waters designated by the Texas Surface Water Quality Standards as Tier 3.

(c) Existing Discharges to Impaired Water Bodies with an approved TMDL.

An existing discharge to an impaired water body with an approved TMDL may only be authorized under this general permit if the permittee complies with additional controls required by the TCEQ in the TMDL, the TMDL Implementation Plan, or as otherwise directed by the executive director in writing to the permittee.

If the TMDL or TMDL Implementation Plan does not identify monitoring requirements for the permittee, then additional monitoring is not required under Part III.B.4(a) and the permittee may still obtain authorization under this general permit.

(d) Existing Discharge to Water Quality Impaired Water Bodies without an approved TMDL. If the permittee discharges to an impaired water body without an approved TMDL, the permittee shall either:

- (1) Prevent exposure to stormwater of the pollutant(s) for which the water body is impaired (i.e., the pollutant(s) of concern), and retain on-site documentation of the preventive measures within the SWP3;
- (2) Document that the pollutant(s) for which the water body is impaired is/are not present in the regulated industrial activity at the site, and retain documentation of this finding in the SWP3 (e.g., if the pollutant of concern is bacteria, but the only identifiable source of bacteria is wildlife occurring on the property, then the bacteria levels could be, for the purposes of this permit condition, considered “background” from a non-point source that is not regulated under this permit); or
- (3) Obtain analytical data to support a showing that the discharge is not expected to cause or contribute to an exceedance of a water quality standard, using the steps in Paragraph II.B.7.(b)(3) above.
 - a. If the results indicate that the discharge is below the level of concern or is not present in the discharge, then no additional action is required.
 - b. If the results indicate that the pollutant of concern is present in the discharge at a level that may contribute to water quality impairment (e.g., a result that is above the benchmark level for a pollutant as described in the facility’s applicable sector located in Part V of this general permit), then the permittee shall implement an interim pollutant reduction plan (PRP) for the pollutant of concern. This PRP must be included in the SWP3 and must discuss the management practices and control measures that the permittee will implement to reduce, with the goal of eliminating, the discharge of pollutant(s) of concern that contribute to the impairment of the water body. The PRP must specifically identify control measures and practices that will collectively be used to try to eliminate the discharge of pollutant(s) of concern that contribute to the impairment of the water body and explain why these control measures and practices were chosen as opposed to other alternatives.
- (4) Beginning upon the date that the permittee is authorized for coverage under this permit, the permittee may not establish a new or increased discharge potentially containing a pollutant of concern to an impaired water body unless there is no exposure of the pollutant of concern to stormwater, the pollutant of concern is not present at the site nor in the discharge, or analytical data shows the pollutant of concern is not present at a level of concern as described in Part II, Sections B.7.(d)(1), (2), and (3) above. TCEQ may notify the permittee if additional control measures are necessary, or if an individual permit application is necessary.

8. Discharges to the Edwards Aquifer Recharge Zone

Discharges may not be authorized by this general permit where prohibited by 30 TAC Chapter 213 (relating to Edwards Aquifer).

- (a) For new discharges located within the Edwards Aquifer Recharge Zone, or within that area upstream from the recharge zone and defined as the Contributing Zone, operators must meet all applicable requirements of, and operate according to, 30 TAC Chapter 213 (Edwards Aquifer Protection Rule), in addition to the provisions and requirements of this general permit.
- (b) For existing discharges located within the Edwards Aquifer Recharge Zone, the requirements of the agency approved Water Pollution Abatement Plan under the Edwards Aquifer Rules are in addition to the requirements of this general permit. BMPs and maintenance schedules for structural stormwater controls, for example, may be required as a provision of the rule. All applicable requirements of the Edwards Aquifer Protection Rule for reductions of suspended solids in stormwater runoff are in addition to the effluent limitation requirements and benchmark goals in this general permit for this pollutant. A copy of the TCEQ approved Water Pollution Abatement Plan(s) that are required by the Edwards Aquifer Rule must be attached or referenced as a part of the SWP3.
- (c) For discharges located within ten stream miles upstream of the Edwards Aquifer recharge zone, applicants shall also submit a copy of the NOI to the appropriate TCEQ regional office.

Counties: Comal, Bexar, Medina, Uvalde, and Kinney

Contact: TCEQ Water Program Manager
San Antonio Regional Office
14250 Judson Road
San Antonio, Texas 78233-4480
(210) 490-3096

Counties: Williamson, Travis, and Hays

Contact: TCEQ Water Program Manager
Austin Regional Office
12100 Park 35 Circle
Room 179, Building A
Austin, Texas 78753
(512) 339-2929

9. Discharges to Specific Watersheds and Water Quality Areas

Discharges of stormwater associated with industrial activity and other non-stormwater discharges may not be authorized by this general permit where prohibited by 30 TAC Chapter 311 (relating to Watershed Protection) for water quality areas and watersheds.

10. Endangered Species Act

Discharges that would adversely affect a listed endangered or threatened aquatic or aquatic-dependent species or its critical habitat are not authorized by this permit, unless the requirements of the federal Endangered Species Act are satisfied. Federal requirements related to endangered species apply to all TPDES permitted discharges and site-specific controls may be required to ensure that protection of endangered or threatened aquatic or

aquatic dependent species is achieved. If a permittee has concerns over potential impacts to listed species, the permittee may contact TCEQ for additional information.

11. Protection of Streams and Watersheds by Home-Rule Municipalities

This general permit does not limit the authority of a home-rule municipality provided by the Texas Local Government Code §401.002.

12. Facilities with No Discharge to Surface Water in the State

A facility that does not discharge stormwater to an MS4 nor to surface water in the state may not be required to obtain coverage under this general permit if the operator demonstrates that no discharges have occurred nor will occur in the future. The operator may be required to demonstrate, using engineering calculations or similar methods, that the facility will not discharge stormwater associated with industrial activity.

Facilities that dispose of all stormwater associated with industrial activity by any of the following practices would not be required to obtain coverage for the stormwater under this general permit nor under an individual TPDES permit or alternative general permit:

- (a) Recycling of the stormwater with no resulting discharge into surface water in the state.
- (b) Pumping and hauling of the stormwater to an authorized disposal facility.
- (c) Discharge of the stormwater to a publicly-owned treatment works (POTW); however, this permit does not grant authorization to discharge into a POTW and the permittee would need to obtain authorization from the POTW operator to discharge stormwater into the POTW.
- (d) Underground injection of the stormwater in accordance with 30 TAC Chapter 331 (relating to Underground Injection Control).
- (e) Discharge to above ground storage tanks with no resulting discharge into surface water in the state.
- (f) Containment of all stormwater within property boundaries, with no discharge into surface water in the state, including no discharge during, or as the result of, any storm event.

13. Automatic Authorization for Certain Industrial Activities

Operators of the following industrial activities are designated for coverage under this general permit, and are not required to prepare a SWP3, conduct analytical sampling, or submit an NOI for coverage nor an NEC application for a conditional exclusion based on no exposure. However, the facility operator must comply with all other requirements of Part III, Section E. of this general permit, related to Standard Permit Conditions; and must comply with Part II, Section C.1. of the permit related to maintaining “no exposure” of industrial activity to stormwater.

- (a) Operators of facilities described in Part V, Section P, related to General Warehousing and Storage (SIC 4225), that do not have areas for vehicle maintenance or equipment cleaning activities, provided that the requirements of Part V, Section P.2.c. are met.
- (b) Operators of facilities described under Part V, Section X, that conduct publishing or design without printing, provided that the requirements of Part V, Section X.2. are met.

- (c) Operators of small businesses who conduct a regulated activity described in Part II, Section A, where the entire industrial activity is performed in a residential home, a shopping mall, or an office building, and all of the requirements listed below are met:
- (1) The industrial activity does not include the following industrial activity codes: HZ, LF, SE, or TW;
 - (2) The industrial activity is conducted in an area inside the operator's primary residence home structure itself or inside another fully enclosed building, located within the property boundaries of the operator's primary residence (e.g., garage);
 - (3) The regulated industrial activity is not exposed to stormwater; and
 - (4) The facility operator complies with the requirements of Part III Section E. of this general permit, related to Standard Permit Conditions. However, the operator is not required to submit an NOI or an NEC application, conduct analytical monitoring for permit compliance, nor develop a SWP3.

The facility operator must apply for coverage if any of the requirements listed above are not met. If the TCEQ determines that additional controls are required other than those listed above, or if there is a concern regarding the discharge of elevated levels of pollutants, then the TCEQ may require a facility otherwise eligible for automatic authorization to obtain coverage and meet all permit conditions through submittal of an NOI or an individual permit application.

14. Transfer of Liability

This permit does not transfer liability for the act of discharging without, or in violation of, a NPDES or a TPDES permit from the operator of the discharge to the permittee(s).

15. Force Majeure

Nothing in Part II of the general permit is intended to negate any person's ability to assert the *force majeure* (act of God, war, strike, riot, or other catastrophe) defenses found in 30 TAC §70.7.

Section C. Obtaining Authorization to Discharge

1. Conditional No Exposure Exclusion from Permit Requirements

Facilities regulated under this general permit may be excluded from permit requirements if there is no exposure of industrial materials or activities (see Part I related to Stormwater Discharges Associated with Industrial Activity) from precipitation or runoff. To qualify for a no exposure exclusion from permit requirements, the operator of the facility must provide certification that industrial activities and materials are isolated from stormwater by storm resistant shelters. The certification must be submitted to the TCEQ on a no exposure certification (NEC) application provided by the executive director, or using a format approved by the executive director. The facility is subject to inspection by authorized TCEQ personnel and MS4s with enforcement authority over MSGP regulated facilities within their jurisdiction to determine compliance with the no exposure exclusion. Facilities that qualify for this exclusion and that contribute stormwater discharges to a municipal separate storm sewer system (MS4) shall provide copies of the certification to the operator of the MS4.

- (a) The following materials and activities are not required to be isolated from stormwater and stormwater runoff in order to meet the no exposure exclusion:

- (1) drums, barrels, tanks, and similar containers that are tightly sealed, provided those containers are not deteriorated and do not leak ("Sealed" means banded or otherwise secured and with-out operational taps or valves);
- (2) final products that are designed for outdoor use (e.g., new cars, outdoor play-sets, lawn equipment) provided the final products have not deteriorated or are otherwise a potential source of contaminants;
- (3) pallets used to store or transport final products intended for outdoor use, if the pallets are new or do not contain pollutants;
- (4) vehicles used in material handling that are adequately maintained to prevent leaking fluids;
- (5) lidded dumpsters containing waste materials, providing the containers are completely covered, nothing can drain out, and no material can be lost while loading the contents onto a garbage truck (excludes trash compactors unless located indoors or protected by a storm-resistant shelter);
- (6) industrial refuse and trash that is stored large roll-off containers that are either located under a constructed cover or covered with heavy-duty tarps that are properly maintained and in good condition. The tarps must be securely fastened to the waste container in such a manner that the tarp has to be unfastened to add waste materials to the container and then refastened to the container;
- (7) particulate emissions from roof stacks or vents, provided they comply with other applicable TCEQ rules and do not contaminate stormwater; and
- (8) above ground storage tanks (ASTs) that are equipped with valves for dispensing materials that support facility operations (e.g., heating oil, propane, butane, chemical feedstocks) or that dispense fuel (e.g. gasoline, diesel, compressed natural gas) for delivery vehicles that support facility operations provided that:
 - a. the ASTs must be physically separated from and not associated with vehicle maintenance operations areas;
 - b. there are no leaks from pipes, pumps, or other equipment that could come into contact with stormwater; and
 - c. the ASTs are surrounded by secondary containment (e.g., impervious berm, dike, or concrete retaining structure) to prevent exposure to stormwater runoff in the event of structural failure or leaks.

ASTs that dispense fuel to vehicles that are used to support the regulated facility operations are not considered exposed. However, ASTs that distribute fuel to airplanes at a regulated air transportation facility are considered exposed unless located under storm resistant shelter.

- (b) The following types of final products do not qualify for a certification of no exposure:
- (1) Products that could be mobilized by wind or rain into stormwater discharges (e.g., rock salt, wood chips or shavings, compost). Materials sheltered from precipitation may still be deemed exposed if the materials could be carried by wind;
 - (2) products that may, when exposed, oxidize, deteriorate, leak or otherwise be a potential source of contaminants (e.g., scrap cars, scrap metal); or
 - (3) "final" products that are actually "intermediate" products used in the composition of yet another product (e.g., sheet metal, tubing and paint used in making tractors,

unfinished portions of a final product, plastic pellets, glass to be installed in vehicles or buildings). Even if the intermediate product is “final” for a manufacturer and is intended to be included in a “final product intended for use outdoors,” these products are still considered intermediate products and are considered to be exposed if located outdoors.

Deposits of particles or residuals from roof stacks or vents not otherwise regulated that could be carried by stormwater runoff and are considered exposed. Exposure also occurs when, as a result of particulate emissions, pollutants are visibly being “tracked out” or carried on the tires of vehicles.

(c) Limitations on eligibility for the no-exposure exclusion:

- (1) The exclusion from permit requirements is only available facility-wide, and is not available for individual outfalls. Generally, if any exposed industrial materials or activities are found on any portion of a facility, the facility is not eligible for the no-exposure exclusion.
- (2) If a facility with a conditional no-exposure exclusion undergoes any change(s) that result in industrial activities or materials becoming exposed, or if it is found that a facility does not (or no longer) meets the no exposure requirements, then the NEC exclusion that the facility is under ceases to apply. If this occurs, the operator of the facility covered (under an NEC) shall prepare a SWP3 and submit an NOI to apply for coverage under the MSGP or shall apply for an individual water quality permit (as applicable) to discharge stormwater from the facility before making any changes that will expose industrial activities or materials. Discharges that occur after losing the conditional no exposure exclusion are not authorized, unless permit coverage is re-established by filing an NOI for this permit or via an individual permit. The operator is required to submit a Notice of Termination (NOT) to terminate their NEC coverage.
- (3) If the TCEQ determines that a facility’s stormwater discharges have a reasonable potential to cause or contribute to a violation of applicable water quality standards, then the TCEQ may deny the no exposure exclusion. However, where an MS4 operator has MSGP enforcement authority, it may inspect facilities within its jurisdiction for compliance with the no exposure certification (NEC).

2. Application for Coverage

Applicants seeking authorization to discharge under this general permit shall submit a completed notice of intent (NOI) or a completed no exposure certification (NEC), as applicable, on a form approved by the executive director. Applications are not required for facilities that are automatically authorized by designation under this general permit.

(a) Notices of Intent (NOIs) and No Exposure Certifications (NECs).

- (1) Electronic NOIs and NECs. Applicants must submit an NOI or NEC using the online e-permitting system available through the TCEQ website or request and obtain an electronic reporting waiver. Electronic reporting waivers are not transferrable and expire on the same date as the authorization to discharge.

Provisional authorization begins immediately following confirmation of receipt of the electronic NOI or NEC form by the TCEQ.

- (2) Paper NOIs and NECs. Applicants that are issued an electronic reporting waiver shall submit a paper NOI or NEC. Provisional authorization begins 48 hrs from

the date that a completed NOI or NEC is postmarked for delivery to the TCEQ, unless otherwise notified in writing by the executive director.

- (3) Following review of the NOI or NEC, the executive director will:
- a. determine that the NOI or NEC is complete and confirm coverage by providing a written notification and an authorization number; or
 - b. determine that the NOI or NEC is incomplete and request additional information needed to complete the NOI or NEC; or
 - c. deny coverage in writing. Denial of coverage will be made in accordance with TCEQ rules at 30 TAC §205.4, related to Authorizations and Notices of Intent.
- (b) Automatic Authorization. Facilities that meet the eligibility requirements for automatic authorization in Part II, Section B.13 are automatically authorized and are not required to submit an NOI for coverage or an NEC for conditional exclusion, provided that all of the technical requirements are met. Permit coverage for existing facilities automatically authorized under Part II, Section B.13 of this general permit begins immediately upon the effective date of this general permit; and permit coverage for new facilities begins upon the commencement of industrial activities regulated under this general permit.

3. Application Deadlines

(a) Existing Industrial Facilities.

- (1) Permittees who were authorized under the previous TPDES MSGP permit for discharges associated with industrial activity (TXR050000, issued August 14, 2016) shall continue to operate under the provisions of that permit until authorization is obtained under this general permit, and may continue to do so for up to 90 days after the effective date of this general permit.

On or before the ninetieth (90th) day following the effective date of this general permit, existing permittees shall submit an application (NOI or NEC) for coverage under this general permit or shall comply with the automatic authorization option (in accordance with Part II, Section B.13. of this general permit). The executive director may grant a written request for extension for good cause if such written request is received no later than 15 days before the application deadline (75 days following the permit effective date).

- (2) Facilities that were required to obtain permit coverage under the previous TPDES MSGP (issued August 14, 2016) are considered to be existing facilities, regardless of whether an NOI or NEC was previously submitted under that general permit. The deadline for existing facilities that did not obtain coverage under the previous TPDES MSGP permit is immediately upon the effective date of this general permit. However, this permit does not prohibit a facility from submitting an NOI or NEC after the effective date of the general permit.
- (3) Permit coverage for facilities that do not renew permit coverage will expire 90 days following the effective date of this general permit. However, facilities that do not submit a notice of termination on or before September 1, 2021, will be considered active facilities on that date and will be assessed an annual fee for Fiscal Year 2022, as described in Part II, Section C.10.(b) below.

(b) New Industrial Facilities.

An NOI or NEC must be submitted prior to commencement of industrial activity that is regulated under this general permit, or the facility operator must comply with the

automatic authorization requirements listed in Part II, Section B.13. of this general permit.

(c) **New Operator.**

Permit coverage may not be transferred. When the operator of a facility changes, the new operator must submit an NOI or NEC, and the previous operator must submit an NOI, at least ten days before the change in operator occurs, or in accordance with 30 TAC §205.4(h), related to Authorizations and Notices of Intent. Also see Part II, Section C.7, related to Terminating Coverage.

When the operational control of a portion of a facility changes, the new operator shall submit an NOI or an NEC, and the existing operator shall revise its SWP3 and submit an NOC as needed.

4. Stormwater Pollution Prevention Plan (SWP3)

A permittee authorized under this general permit must develop and implement a stormwater pollution prevention plan (SWP3, or plan) according to the requirements of this permit before submitting an NOI for permit coverage. The plan must be developed according to the requirements of Part III of this general permit and must also include all sector specific requirements of Part V. The SWP3 must be signed and certified according to TCEQ rules at 30 TAC §305.128, as described in Part III, Section E.6.(c) of this general permit.

5. Contents of the Notice of Intent (NOI)

The NOI must contain the following information, at a minimum:

(a) **Operator Information.**

- (1) the name, address, and telephone number of the operator filing the NOI for permit coverage; and
- (2) the legal status of the operator (e.g., federal, state, private or public entity).

(b) **Site Information.**

- (1) the name, address, county, and latitude and longitude of the site;
- (2) the location of outfall(s);
- (3) a determination of whether the site is located on Indian Land;
- (4) the name of the receiving water(s);
- (5) the name of the MS4 operator(s), if the discharge is to an MS4;
- (6) a certification statement that a SWP3 has been developed and implemented according to the provisions of this permit;
- (7) the primary SIC code that best describes the industrial activity of the facility and any other SIC codes or Industrial Activity Codes that describe additional activities and that are listed in Part V of this permit;
- (8) the industrial activities of the facility that are subject to federal effluent limitations guidelines;
- (9) the industrial sector(s) of this general permit for which the applicant requests coverage;

- (10) if discharging a pollutant of concern to an impaired waterbody;
 - (11) if applicable, waiver criteria from sampling for hazardous metals are updated and met; and
 - (12) the status (inactive or active) of the facility.
- (c) Existing TPDES authorization number, for facilities previously regulated under the TPDES MSGP.

6. Changes to Information Submitted

- (a) If the operator becomes aware that any of the following occurred, then correct information must be provided to the executive director in a notice of change (NOC) within 14 days after discovery:
 - (1) Relevant information provided on the NOI or NEC has changed;
 - (2) The operator failed to submit relevant facts; or
 - (3) The operator submitted incorrect information on an NOI or NEC.
- (b) Electronic NOC. Permittees must submit an NOC using the online e-permitting system available through the TCEQ website unless the permittee requested and obtained an electronic reporting waiver.
- (c) Paper NOC. Permittees that are issued an electronic reporting waiver shall submit the NOC on a form provided by the executive director, or by letter if an NOC form is not available.
- (d) A copy of the NOC, submitted either electronically or by paper, must also be provided to the operator of any MS4 receiving the discharge (if required by the MS4), and the SWP3 must include a list of the names and addresses of the MS4 operator(s) receiving a copy.
- (e) Examples of information that may be submitted on an NOC include the following:
 - (1) Change to applicant contact or billing information.
 - (2) Changes to the General Characteristics section, such as adding, removing, or changing an SIC code or industrial activity code; adding or removing industrial activities with federal effluent limitations; or changing the discharge information.
 - (3) Operator name change, provided that only the name has changed and that no transfer of ownership has occurred (see Part II, Section C.7.(a) below).
 - (4) Addition, removal, or change in the location of a permitted outfall.
 - (5) Request to stop submitting monitoring results of benchmarks, numeric effluent limitations (hazardous metals), and pollutants of concern.
 - (6) Changes in facility status from active to inactive and vice versa.
- (f) Delegation of Signatory Authority. If signatory authority is delegated by an authorized representative, then a Delegation of Signatory form must be submitted as required by 30 TAC 305.128 (relating to Signatories to Reports) using the State of Texas Environmental Electronic Reporting System (STEERS), TCEQ's online permitting system, unless the permittee obtained an electronic reporting waiver. A new Delegation of Signatory form must be submitted, if the delegation changes to another individual or position.

- (g) Information that may not be submitted on an NOC includes, but is not limited to, the following:
- (1) Transfer of operational control from one operator to another, including a transfer of the ownership of a company. A transfer of ownership of a company includes changes to the structure of a company, such as changing from a partnership to a corporation or changing corporation types, so that the filing or charter number that is on record with the Texas Secretary of State (SOS) must be changed. See Part II, Section C.7.(a) below, related to Transfer of Operational Control.
 - (2) Change in the physical location of the facility. Authorizations may not be transferred to a different location; therefore, if a facility moves, the operator will need to submit an NOI for the new location and an NOT for the previous location.
- (h) Additional changes that may be made to the operator's SWP3 and that are not required to be submitted on an NOC include, but may not be limited to, the following:
- Change to other information on the site map that was not originally provided on the NOI (e.g., location of processing areas, loading areas, or best management practices).

7. Terminating Coverage

- (a) Submitting Notice of Termination (NOT).
- (1) A permittee must submit a NOT to the TCEQ to cancel coverage or to cancel a conditional exclusion based on no exposure. An NOT must be submitted in the following situations:
 - a. An existing facility covered under an NOI changes operations such that a condition of no exposure is obtained.
 - b. An existing facility with a conditional exclusion based on having no exposure of industrial activities changes operations such that a condition of no exposure no longer exists. The permittee must submit an NOI before a condition of exposure occurs, then must submit an NOT to terminate the existing exclusion.
 - c. A facility that was covered under an NOI or an NEC is no longer doing business in the original location, and no industrial activities (e.g., manufacturing, processing, material storage, waste material disposal areas and similar areas) remain or continue to be conducted at the site that would require permit coverage. An NOT must be submitted within 10 days after the facility ceases discharging stormwater associated with industrial activity.
 - d. An operator that submitted an NOI or NEC obtains coverage under an individual permit or obtains coverage under an alternative general permit for stormwater discharges. An NOT must be submitted within 10 days after the operator obtains coverage under the alternative permit.
 - e. A transfer of operational control occurs. The original operator who submitted the NOI or NEC must submit an NOT to cancel coverage or to cancel a conditional exclusion based on no exposure.

Coverage under this general permit is not transferable. A transfer of operational control includes changes to the structure of a company, such as changing from a partnership to a corporation, or changing to a different corporation type such that a different filing (or charter) number is established with the Texas SOS. When the operator of a regulated industrial facility

changes or operational control is transferred, the original operator must submit an NOT within 10 days prior to the date that responsibility for operations terminates, and the new operator must submit an NOI at least 10 days prior to the transfer of operational control.

- (2) Operators of regulated industrial activities who are designated as being automatically authorized by this general permit, and who are not required to submit an NOI or NEC, are not required to submit an NOT to terminate coverage.

(b) NOT Form.

- (1) Electronic NOTs. Permittees must submit an NOT using the online e-permitting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.
- (2) Paper NOTs. Permittees that are issued an electronic reporting waiver shall submit the NOT on a form approved by the executive director.
- (3) A copy of the NOT, submitted either electronically or by paper, must be provided to the operator of any MS4 receiving the discharge (if required by the MS4).

(c) Effective Date of Termination of Coverage.

Authorization to discharge terminates immediately following confirmation of receipt of the electronic NOT by the TCEQ. If submitted by paper, the authorization to discharge terminates on the day that an NOT is postmarked for delivery to the TCEQ.

8. Signatory Requirements

NOIs, NOTs, NOCs, and NECs must be signed according to 30 TAC §305.44 (relating to Signatories for Applications). Signatory authority may not be delegated to a person who does not meet the requirements listed in the referenced rule.

9. Additional Notification

Industrial facilities that contribute stormwater discharges to an MS4 must provide a copy of the completed NOI or NEC to the operator of the system. These facilities must also provide a copy of all NOCs and NOTs to the operator of the MS4.

10. Fees

(a) Application Fees:

An application fee for electronic submittal of NOIs and NECs is \$100.00. The application fee for each paper NOI and each paper NEC is \$200.00 and must be submitted with the application.

A fee is not required for submission of an NOT or NOC.

(b) Annual Fees:

A facility authorized under this general permit and required to submit an NOI must pay an annual water quality fee of \$200.00 under Texas Water Code, §26.0291, and according to 30 TAC Chapter 205 (relating to General Permits for Waste Discharges).

An annual fee is not required for a facility that obtained a no-exposure exclusion by submitting an NEC application, nor for a facility that is automatically authorized under the general permit without submitting an NOI or NEC application.

11. Permit Expiration

This general permit is issued for an effective term not to exceed five (5) years. Following public notice and comment, as provided by 30 TAC §205.3 (relating to Public Notice, Public Meetings, and Public Comment), the Commission may amend, revoke, cancel, or renew this general permit. If the TCEQ fails to publish public notice of its intent to renew or amend this general permit within 90 days of its expiration date, then dischargers under this general permit must submit an application for an individual permit prior to expiration of this general permit. If TCEQ publishes notice of its intent to renew or amend this general permit 90 days or more prior to expiration, existing authorizations under this general permit will remain in effect until the Commission takes final action on the permit. The renewed or amended general permit will prescribe how to obtain authorization for all dischargers regulated by the general permit, including a deadline for submitting an NOI, if required.

Section D. Alternative Coverage Under an Individual TPDES Permit

1. Individual Permit Alternative

Any discharge eligible for coverage under this general permit may alternatively be authorized under an individual TPDES permit according to 30 TAC Chapter 305 (relating to Consolidated Permits). An operator of a facility described under Part II, Section A.1. of this general permit who chooses to be excluded from coverage under this general permit shall submit an application for coverage under an individual permit. Applications for individual permit coverage for new facilities should be submitted at least 330 days prior to the commencement of a regulated industrial activity to ensure timely permit coverage. Coverage under this general permit should not be terminated for existing facilities until the permittee receives an issued individual permit.

2. General Permit Alternative

Any discharge eligible for authorization under this general permit may alternatively be authorized under a separate general permit according to 30 TAC Chapter 205 (relating to General Permits for Waste Discharges), if applicable.

3. Individual Permit Required

The executive director may require an operator of a regulated industrial activity otherwise eligible for authorization under this general permit to apply for an individual TPDES permit in the following circumstances:

- (a) the conditions of an approved TMDL limitation or TMDL Implementation Plan on the receiving stream(s);
- (b) the discharge being determined to cause a violation of water quality standards or being found to cause, or contribute to, the loss of a designated use of surface water in the state; and
- (c) any other consideration defined in 30 TAC Chapter 205 including 30 TAC §205.4(c)(3)(D), which allows the commission to deny authorization under the general permit and require an individual permit if a discharger has been determined by the executive director to have been out of compliance with any rule, order, or permit of the commission, including non-payment of fees assessed by the executive director.

- (d) for a discharger classified as an “unsatisfactory performer” under 30 TAC Chapter 60 (relating to Compliance History). 30 TAC §60.3 requires the executive director to deny or suspend a person's authority relating to that site to discharge under this general permit. A discharger with an “unsatisfactory” compliance history classification is entitled to a hearing before the Commission prior to having its authorization denied or suspended in accordance with TWC §26.040(h).

Denial of authorization to discharge under this general permit or suspension of a permittee’s authorization under this general permit must be done according to commission rules in 30 TAC Chapter 205, General Permits for Waste Discharges.

Part III. PERMIT REQUIREMENTS AND CONDITIONS COMMON TO ALL COVERED INDUSTRIAL ACTIVITIES

Section A. General Stormwater Pollution Prevention Plan (SWP3) Requirements

1. Implementation of SWP3 and Consistency with Other Plans

- (a) An applicant seeking authorization under this general permit must develop and implement a new, or for existing permittees an updated, SWP3 before submitting an NOI for coverage.

The SWP3 must be signed and certified in accordance with Part III, Section E.6.(c) of this general permit, and must be maintained onsite and made readily available for review upon request by authorized TCEQ personnel as well as any local pollution control agency with jurisdiction.

The SWP3 must be modified whenever necessary to address changing conditions at the site.

Permittees who discharge stormwater to a municipal separate storm sewer system (MS4) shall also provide a copy of the SWP3 to the operator of that MS4 upon receiving a request from the MS4 operator.

The SWP3 must be developed according to the requirements of this general permit. At a minimum, the SWP3 must:

- (1) identify actual and potential sources of pollution that may reasonably be expected to affect the quality of stormwater discharges from the facility (see Part III, Section A.3.);
 - (2) establish practices and any necessary control measures that will prevent or effectively reduce pollution in stormwater discharges from the facility and that ensure compliance with the terms and conditions of this general permit (see Part III, Section A.4.);
 - (3) describe how the selected practices and controls are appropriate for the facility and how each will effectively prevent or reduce pollution (see Part III, Section A.4.);
 - (4) describe how controls and practices interrelate to comprise an integrated, facility-wide approach for stormwater pollution prevention, including any useful references to literature or site-specific performance information on the selected controls and practices to demonstrate the appropriateness of each (see Part III, Section A.4.);
 - (5) establish a Stormwater Pollution Prevention Team (team) and identify team members who will be responsible for developing and revising the SWP3 (see Part III, Section A.2.);
 - (6) provide a description of the facility that includes information about activities, materials, and physical features of the facility that may contribute pollutants to stormwater and any pollutant discharges that could occur during dry weather (see Part III, Section A.3.); and
 - (7) document the monitoring and inspection procedures and schedules that will be implemented at the site (see Part III, Section B).
- (b) Existing plans and measures that are developed based on other regulatory requirements, such as Spill Prevention Control Countermeasures (SPCC) plans that are

required for certain operations under the federal guidelines of 40 CFR Part 112, may satisfy in whole or in part specific requirements of this general permit. These plans or measures may either be attached as a component of the SWP3, or referenced in the SWP3 and made readily available for review upon request by authorized TCEQ personnel as well as any local pollution control agency with jurisdiction.

2. Stormwater Pollution Prevention Team

The permittee shall establish a stormwater pollution prevention team (team). The SWP3 must be kept readily available to the members of the team.

- (a) **Members of the Team.** The SWP3 must identify the members of the team by name and by title, and must list and clearly identify the responsibilities of each team member. The team may consist of a single individual or a group of individuals as appropriate for the facility. Additional members of the team may include environmental professionals that are under contract to the permittee. If the facility is not staffed on a continuous or permanent basis, then company employee(s) from outside of the facility may be identified as a part of the team.

If it is not feasible to provide the name of each team member, then the SWP3 may identify a position or positions within the organization that comprise the team. Members of the organization or the ranking employees or executive officers at the facility must be able to identify the particular individual(s) comprising the team.

- (b) **Responsibility of the Team.** The team is responsible for development of the SWP3 and for assisting the operator or the operator's designee in the implementation, maintenance, and revision of the SWP3.

3. Description of Potential Pollutants and Sources

The SWP3 must identify and describe all activities and significant materials that may potentially be pollutant sources. The SWP3 must include, at a minimum:

- (a) **Inventory of Exposed Materials.** An inventory must be developed that lists materials currently handled at the facility that may be exposed to precipitation or runoff in a drainage area of an outfall covered under this permit. The list must include all materials that are handled, stored, processed, treated, or disposed of in a manner that would allow exposure to precipitation or runoff. Materials stored in drums, barrels, tanks, and similar containers that are tightly sealed, in good structural condition, and do not have leaking valves are not required to be listed in the inventory.

The inventory of materials must include specific pollutants that maybe attributed to those materials. For facilities subject to reporting requirement under EPCRA §313, the SWP3 must list all potential pollutant sources for which they have reporting requirements under EPCRA §313.

The inventory must be updated within 30 days following a significant change in the types of materials that are exposed to precipitation or runoff, or significant changes in material management practices that may affect the exposure of materials to precipitation or runoff. A significant change in the types of materials is exposure of a material, not already included in the inventory that could be transported by precipitation or stormwater runoff and subsequently discharged. A significant change in material management practices is a change that would result in either initial exposure of a material not already listed in the inventory or increased exposure of a material to the extent that the material could be transported by precipitation or stormwater runoff and subsequently discharged.

- (b) **Narrative Description.** The SWP3 must include a narrative description that describes all activities and potential sources of pollutants that may reasonably be expected to add pollutants to stormwater discharges, or that may result in dry weather discharges from the storm sewer system. This description must include locations and sources of runoff to the site from adjacent property, and an indication if significant quantities of pollutants are present in the runoff.

Examples include the following activities and potential sources when they are exposed to stormwater:

- (1) loading, unloading, and material transfer areas;
- (2) outdoor storage areas;
- (3) outdoor processing areas;
- (4) dust producing activities;
- (5) on-site waste disposal areas;
- (6) vehicle/equipment maintenance, cleaning, and fueling areas;
- (7) liquid storage tank areas;
- (8) railroad sidings, tracks, and rail cars;
- (9) storage piles containing salt used for deicing or other commercial or industrial purposes;
- (10) locations where potential spills and leaks could occur that could contribute pollutants to stormwater discharges; and
- (11) locations where all significant spills and leaks (for example, reportable quantity spills and spills or leaks that have the potential to cause impacts on water quality) of oil or toxic or hazardous pollutants occurred at exposed areas that drained to a stormwater conveyance in the three (3) years prior to the date the SWP3 was prepared or amended.

For each pollutant or material listed in the Inventory of Exposed Materials, the direction of flow or potential flow to the final permitted outfalls must be identified in the SWP3. The outfall and direction of flow must either be narratively described or identified by referencing the location on the site map. Areas of the facility that have a high potential for significant soil erosion, due to topography, activities, or other factors, must also be identified and either narratively described or identified by referencing the location on the site map.

The narrative description must be updated within 30 days following a change in the types or quantities of materials exposed to precipitation or runoff that, in the judgment of the stormwater pollution prevention team, may reasonably be expected to add pollutants to stormwater discharges. The narrative description must be updated to describe changes in material management practices or other factors that may affect the exposure of materials to precipitation or runoff.

- (c) **General Location Map.** The SWP3 must contain a general location map (e.g., USGS quadrangle map) with enough detail to identify the location of the facility, including all surface waters that could potentially receive the stormwater discharges from the site. For sites with large plots of lands where no industrial activity is conducted, the map must also depict those areas. However, no outfall(s) needs to be assigned for those

areas, if they only discharge stormwater that has not been in contact with industrial activity.

(d) Drainage Area Site Map. A site map(s) must be developed that depict(s) the following:

- (1) the location (latitude and longitude) of each outfall covered by the permit and the location (latitude and longitude) of each sampling point (if different from the outfall location);
- (2) an outline of the facility's drainage area that shows the direction of the stormwater flow, and the location of all stormwater conveyances (e.g., ditches, gutters, pipes, swales) that drain to each permitted outfall;
- (3) connections or discharges to MS4(s);
- (4) locations of all structures (e.g. buildings, garages, storage tanks, fueling stations, machinery) and impervious surfaces (e.g., parking lots, paved or concrete pads);
- (5) structural control devices designed to reduce pollution in stormwater runoff;
- (6) process wastewater treatment units (including ponds);
- (7) bag house and other air treatment units exposed to stormwater;
- (8) the surface area of the facility (i.e., size in acres or square feet), or a clear scale such that the approximate surface area may be calculated;
- (9) locations of all receiving waters, including wetlands, and information as to whether they are impaired or have established TMDLs;
- (10) vehicle and equipment maintenance areas;
- (11) physical features of the site that may influence stormwater runoff or contribute a dry weather flow;
- (12) locations and descriptions of all non-stormwater discharges;
- (13) locations where reportable quantity spills or leaks have occurred during the three (3) years before the NOI is submitted to obtain coverage under this general permit;
- (14) locations and sources of runoff to the site from adjacent property that contains significant quantities of pollutants;
- (15) processing, storage, and material loading/unloading areas; and
- (16) any additional locations where significant materials are exposed to precipitation or runoff.

The site map must clearly show the flow of stormwater runoff from each of these locations so that the final outfall(s) where the discharge leaves the facility's boundary is apparent. A series of maps must be developed if the amount of information would cause a single map to be difficult to read and interpret.

- (e) Spills and Leaks. The SWP3 must contain a list of reportable quantity spills that occurred in areas exposed to stormwater, or that occurred within the drainage area that contributes to an outfall, during the three (3) years before the NOI was submitted. The list must be updated on a quarterly basis and must include all additional spills and leaks that could contribute pollutants to stormwater discharges (in addition to the previously listed spills of "reportable quantity" only). The updated list may be limited to spills and leaks that have occurred within the previous five (5) years.

- (f) **Sampling Data.** All data from the laboratory analyses of stormwater discharge samples must be summarized. The summary must be updated on an annual basis to include the results of all additional analyses. The data summary must either be included as an attachment to the SWP3 or may be referenced and maintained separately. The data summary must be readily available for review upon request by authorized TCEQ personnel as well as any local pollution control agency with jurisdiction.

4. Pollution Prevention Measures and Controls

The permittee shall implement all pollution prevention practices that are determined to be necessary, reasonable, and effective by the stormwater pollution prevention team, or that are required by a state or local authority, that are necessary to protect the water quality in receiving waters, or that are necessary to remain compliant with this general permit. The SWP3 must include detailed descriptions of the following minimum components and a schedule for implementation:

- (a) **Best Management Practices (BMPs).** A section within the SWP3 must be developed to establish BMPs to reduce the discharge and potential discharge of pollutants in stormwater and to minimize exposure of areas of the site with industrial activity to stormwater. The location and type of BMPs or control measures that have been adopted or installed must be documented in the SWP3. Development of BMPs must be based on the activities and potentials for contamination that are identified in Part III, Section A.4. of this permit.

Examples of BMPs that the permittee may use to comply with this section include the following:

- (1) use grading, berming, or curbing when possible to prevent runoff of contaminated flows and to divert runoff away from these areas;
 - (2) locate materials, equipment, and activities in such a way that leaks are contained in existing containment and diversion systems;
 - (3) clean up spills and leaks promptly using dry methods (e.g., absorbents) to prevent the discharge of pollutants;
 - (4) use drip pans and absorbents under or around leaky vehicles and equipment or store indoors where feasible;
 - (5) use spill/overflow protection equipment;
 - (6) drain fluids from equipment and vehicles prior to on-site storage or disposal;
 - (7) perform cleaning operations indoors, within storm resistant shelters, or within bermed areas that prevent runoff and runoff and that also capture overspray;
 - (8) ensure that waste, garbage, and floatable debris are not discharged to receiving waters, by keeping exposed areas free of such materials or by intercepting them before they are discharged;
 - (9) minimize generation of dust and off-site tracking of raw materials, intermediate products, final products, or waste materials; and
 - (10) divert, infiltrate, reuse, contain, or otherwise reduce stormwater runoff, in order to minimize pollutants in discharges.
- (b) **Good Housekeeping Measures.** A section within the SWP3 must be developed to ensure that areas of the facility that contribute or potentially contribute pollutants to stormwater discharges (e.g., areas around trash dumpsters, storage areas, loading

docks, and outdoor processing areas) are maintained in a clean and orderly manner. Good housekeeping measures must include measures to eliminate or reduce exposure of garbage and refuse materials to precipitation or runoff prior to their disposal. Typical good housekeeping measures include activities that are performed on a daily basis by employees during the course of normal work activities. The good housekeeping measures must be incorporated as a part of the employee training program.

- (c) **Plastic Materials Requirements.** Facilities that handle pre-production plastic must develop and include in the SWP3 activities that will be implemented to ensure that areas of the facility that can contribute plastic pollutants to stormwater discharges (e.g. areas around containers holding plastic materials, plastic storage areas, loading docks where plastics are present, and outdoor areas where plastic materials may be present) are maintained in a clean and orderly manner. Good housekeeping measures must include measures to prevent exposure of plastics and other plastic pre-production materials to precipitation or runoff prior to their use in further processing or disposal. Plastic materials required to be addressed as stormwater pollutants at a minimum include the following: virgin and recycled plastic resin pellets, powders, flakes, powdered additives, regrind, scrap, waste, and recycling material with the potential to discharge or migrate off-site. Facilities that handle pre-production plastic must implement BMPs to eliminate discharges of plastic in stormwater through the implementation of control measures such as the following, where determined feasible (list not exclusive): minimizing spills, cleaning up spills promptly and thoroughly, sweeping and/or vacuuming thoroughly, and pellet capturing.
- (d) **Erosion and Sedimentation Control Measures.** A section within the SWP3 must be developed to address soil erosion and sedimentation. The permittee shall evaluate and use appropriate measures and controls to reduce soil erosion and sedimentation in areas of the facility with demonstrated or potential soil erosion and sedimentation.

Potential use of the following controls must be evaluated, at a minimum: soil stabilization through vegetative cover; contouring slopes; paving; and installation of structural controls.

(e) **Structural Controls**

- (1) Physical structures may be used in conjunction with other pollution prevention measures and controls, as necessary, to reduce pollutants in stormwater discharges. Examples of structural controls that may be used include vegetated swales, oil/water separators, settling ponds, catch basins, berms, and other physical structures.
- (2) **Velocity Dissipation Devices.** Discharge velocities must be controlled to the extent necessary to prevent the destruction of the natural physical characteristics of receiving waters by erosion. Velocity dissipation devices may be constructed at discharge points or along channels and other stormwater collection areas that lead to outfalls. Management alternatives to minimize runoff, such as limiting impervious cover, may also be considered.
- (3) A section within the SWP3 must be developed to establish a maintenance program for stormwater structural controls. These controls must be inspected on a regular basis and maintenance frequencies must be established for each of the controls at intervals that ensure effective operation. Mechanical equipment that is part of a structural control, such as a stormwater pump, must also be inspected at intervals described in the SWP3 and maintained at intervals necessary to prevent failures that could result in a discharge of pollutants.

This section of the SWP3 must identify qualified personnel to conduct inspections and establish inspection and maintenance schedules. Records must document the estimated volumes of solids removed from catch basins, sediment ponds, and other similar control structures.

- (f) Spill Prevention and Response Measures. A section within the SWP3 must be developed and implemented to prevent spills and to provide for adequate spill response. This section must:
- (1) identify areas where spills could contribute pollutants to stormwater discharges;
 - (2) develop and implement procedures to minimize or prevent contamination of stormwater from spills;
 - (3) require drums, tanks, and other containers to be clearly labeled;
 - (4) clearly mark hazardous waste containers that require special handling, storage, use, and disposal;
 - (5) develop and implement specific spill prevention, detection, and clean up procedures and techniques;
 - (6) develop procedures to notify appropriate facility personnel, emergency response agencies, public health, or drinking water supply agencies and other regulatory agencies of a reportable quantity spill or other release of oil or a hazardous substance;
 - (7) make available to facility personnel materials and equipment necessary for spill clean-up;
 - (8) develop and maintain an inventory of spill cleanup materials and equipment; and
 - (9) incorporate these measures as a part of the employee training program.
- (g) Employee Training Program and Employee Education.
- (1) Training. A section within the SWP3 must be developed to establish a training program. Training must be provided to all employees who are responsible for implementing or maintaining activities identified in the SWP3. Employee training must include the following, at a minimum:
 - a. proper material management and handling practices for specific chemicals, fluids, and other materials used or commonly encountered at the facility;
 - b. spill prevention methods;
 - c. the location of materials and equipment necessary for spill clean-up;
 - d. spill clean-up techniques;
 - e. proper spill reporting procedures; and
 - f. familiarization with good housekeeping measures, BMPs, and goals of the SWP3.

The schedule for employee training sessions must be developed based on pollutant potential, employee turnover rate, and other factors the permittee determines are applicable. Training must be conducted at least once per year and records of training activities and attendance lists must be maintained in the SWP3 in accordance with Part III.D.5.

- (2) Education. Education must be provided to those employees at the facility who are not directly responsible for implementing or maintaining activities identified in the SWP3, and who do not participate in the employee training program. At a minimum, these employees must be informed of the basic goal of the SWP3 and how to contact the stormwater pollution prevention team regarding stormwater issues.

5. Additional Documentation Requirements

- (a) The following records must be kept with the SWP3, in addition to any records required elsewhere in this permit:
 - (1) A copy of the NOI submitted to TCEQ along with any correspondence exchanged between the permittee and TCEQ related to coverage under this permit;
 - (2) A copy of the acknowledgment letter from the TCEQ;
 - (3) If signatory authority is delegated by an authorized representative, then a copy of the formal notification to TCEQ, as required by 30 TAC 305.128 relating to Signatories to Reports must be filed in the SWP3 and made available for review upon request by TCEQ or local MS4 Operator. The formal notification to TCEQ must be submitted either electronically through STEERS, TCEQ's electronic reporting system, or, if qualifying for an electronic reporting waiver, by paper on a Delegation of Signatories form.
 - (4) A copy of this permit (either paper or electronic version), either as part of the SWP3 or as an attachment to the SWP3 (sections in Part V of this general permit that are not related to the industrial activities at the site need not be included);
 - (5) Descriptions and dates of any incidences of significant spills, leaks, or other releases that resulted in the discharge of pollutants to surface waters;
 - a. the circumstances leading to the release and actions taken in response to the release; and
 - b. measures taken to prevent the recurrence of such releases;
 - (6) Records of employee training, including date(s) training received;
 - (7) Documentation of maintenance and repairs of control measures, including the date(s) of regular maintenance, date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure(s) returned to full function, and the justification for any extended maintenance/repair schedules;
 - (8) Copies of inspection reports;
 - (9) Description of any corrective action taken at the site, including triggering event and dates when problems were discovered and modifications occurred;
 - (10) Documentation to support a claim that the facility has changed its status from active to inactive and unstaffed with respect to the requirements to conduct routine facility inspections, quarterly visual assessments, or benchmark monitoring;
 - (11) Results of monitoring and inspection activities as described in Part III, Section B; and

(12) Documentation of the criteria used to claim a waiver from monitoring hazardous metals.

- (b) Records - Records for each element described above in Part III, Section A.4., related to Pollution Prevention Measures and Controls, must either be included as an attachment to the SWP3 and retained on-site or made readily available for review upon request by authorized TCEQ personnel as well as any local pollution control agency with jurisdiction. Records must document and describe maintenance activities, inspections, spills, discharge quality, employee training activities, employee education activities, SWP3 updates or modifications, and other events relative to each element.

6. SWP3 Review

The SWP3 must be maintained either at the site or be readily available for review upon request by authorized TCEQ personnel as well as any local pollution control agency with jurisdiction. The SWP3 must be modified by the permittee as often as necessary. Each revision must be dated, and all revisions must be retained according to Part III, Section D.5. The executive director may determine, following a review or site inspection, that the SWP3 is not sufficient and may require that the SWP3 be revised to correct all deficiencies.

Section B. Periodic Inspections and Monitoring

1. Inspection and Certification of Non-Stormwater Discharges

- (a) Permit Coverage for Non-Stormwater Discharges. Non-stormwater discharges eligible for coverage are described in Part II, Section A.6. of this general permit and in the individual sections within Part V of this general permit. The permittee shall identify and evaluate all non-stormwater discharges that qualify for permit coverage. The SWP3 must include a list of the non-stormwater discharges at the facility, as well as the results of this evaluation.
- (b) Investigation for Non-Stormwater Discharges. Within 180 days of filing an NOI for coverage (or a renewal NOI) the permittee shall conduct a survey of potential non-stormwater sources and shall provide the certification required in Part III, Section B.1.(c) below. The facility's storm sewer system must be tested or inspected (e.g., screened for dry weather flows) for the presence of non-stormwater flows. Procedures must be evaluated and implemented to eliminate any potential sources that are discovered and are not permitted. The SWP3 must ensure that non-stormwater sources are not combined with stormwater discharges authorized by this permit unless otherwise allowable under Part II.B.5. of this general permit.

The SWP3 must be updated based on this evaluation to include the following:

- (1) the date that the evaluation occurred and description of the criteria used for evaluation;
- (2) the outfalls or onsite discharge points observed;
- (3) the different types of identified non-stormwater discharges and their source locations; and
- (4) appropriate BMPs for the non-stormwater discharges, or the actions taken or the control measures used to eliminate them.

- (c) Inspection, Documentation, and Certification of Non-Stormwater Discharges. The SWP3 must include a certification, signed according to Part III, Section E.6.(c) of this general permit, relating to Signatory Requirements for Reports and Certifications, that states that the facility's storm sewer system has been evaluated for the presence of non-stormwater discharges and that the discharge of non-permitted, non-stormwater does not occur. The certification must include documentation of how the evaluation was conducted, results of any testing, dates of evaluations or tests, and the portions of the storm sewer system that were observed during the inspection. The inspection for non-stormwater discharges must be completed and the certification must be prepared within 180 days after filing an NOI for permit coverage. The certification must be made readily available for review upon request by authorized TCEQ personnel as well as any local pollution control agency with jurisdiction.
- (d) Failure or Inability to Certify.
 - (1) If a part of the storm sewer system cannot be accessed to complete the evaluation, certification must be provided for the remainder of the system. Notice of this inability to certify a portion of the storm sewer system must be provided to the TCEQ within 180 days after the NOI is submitted. Operators of facilities that contribute stormwater discharges to an MS4 shall provide notice of this inability to certify a portion of the storm sewer system to the MS4 operator upon request from the MS4 operator. The notice must include an explanation of why the evaluation could not be performed and a list of all known potential, non-permitted, non-stormwater sources that could not be included in the certification. The notification must be submitted to the TCEQ's Enforcement Division (MC-224).
 - (2) If, in the course of evaluating the storm sewer system, the permittee is unable to certify that non-permitted, non-stormwater discharges are not occurring due to non-compliance, then the certification must identify the non-compliance issues and the steps being taken to remedy and prevent further non-compliance.

2. Routine Facility Inspections

Qualified personnel, who are familiar with the industrial activities performed at the facility, shall conduct periodic routine facility inspections to determine the effectiveness of the Pollution Prevention Measures and Controls (Part III, Section A.4.). These inspections must include at least one member of the stormwater pollution prevention team.

- (a) Inspections must be conducted at least once per quarter unless otherwise specified in Part V of this permit. If feasible, at least one of these routine facility inspections each calendar year must be conducted during a period when a stormwater discharge is occurring.
- (b) The permittee shall document the findings of each routine facility inspection performed and shall maintain this documentation onsite with the SWP3.
- (c) The inspections must be documented through the use of a checklist that is developed to include each of the controls and measures that are evaluated. At a minimum, the documentation of each routine facility inspection must include:
 - (1) the inspection date and time;
 - (2) the name(s) of the inspector(s);
 - (3) weather information and a description of any discharges occurring at the time of the inspection;

- (4) any previously unidentified discharges of pollutants from the site;
- (5) any control measures (structural or non-structural) needing maintenance or repairs;
- (6) any failed control measures (structural or non-structural) that need replacement;
- (7) any incidents of non-compliance that are observed. An incident of non-compliance is any instance where an element of the SWP3 is either not implemented, or where specific conditions of the permit are not met;
- (8) any additional control measures needed to comply with the permit requirements; and
- (9) identification of any existing BMPs that are not being properly or completely implemented.

This documentation must be signed in accordance with Part III, Section E.6.(c) of this permit.

When revisions or additions to the SWP3 are recommended as a result of inspections, a summary description of these proposed changes must be attached to the inspection checklist. The summary must identify any necessary time frames required to implement the proposed changes. The routine facility inspection checklists must be made readily available for inspection and review upon request by authorized TCEQ personnel as well as any local pollution control agency with jurisdiction.

3. Quarterly Visual Monitoring

Stormwater discharges from each outfall authorized by this general permit must be visually examined on a quarterly basis. Monitoring must be conducted during the normal hours of operation for the facility and samples must be collected in a clean, clear, glass or plastic container and examined in a well lit area.

(a) Findings must document observations of the following:

- (1) color;
- (2) clarity;
- (3) floating solids;
- (4) settled solids;
- (5) suspended solids;
- (6) foam;
- (7) oil sheen;
- (8) other obvious indicators of stormwater pollution; and
- (9) noticeable odors.

Some examinations, such as an examination for odor and foam, may necessarily be conducted immediately following collection of the sample.

(b) All examinations must be performed in a manner that ensures the sample is representative of the discharge (see Part III, Section D). If this is not possible, then the report must include the reason.

- (c) Records of quarterly visual monitoring must include the following information, and the report must be included in the SWP3:
 - (1) sample location(s);
 - (2) date and time samples were collected and examined;
 - (3) names of personnel who collected and examined the samples;
 - (4) nature of the discharge (e.g., runoff, snowmelt);
 - (5) results of the observations;
 - (6) probable sources of any observed contamination;
 - (7) visual quality of the stormwater discharge; and
 - (8) the reason why any samples were not collected within the first 30 minutes of discharge.
- (d) Results of the examination must be reviewed by the stormwater pollution prevention team. The team must investigate and identify probable sources of any observed stormwater contamination. The SWP3 must be modified as necessary to address the conclusions of the team.
- (e) Part V of this general permit may include alternative schedules for visual monitoring at specific industrial sectors, and may include additional requirements.

4. Water Quality Monitoring Requirements

- (a) The permittee shall monitor the discharge from the facility at all outfall(s) determined to be discharging a pollutant of concern at a level of concern under Part II, Section B.7, Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements.
- (b) The permittee may not establish substantially similar outfalls for sampling required under this section.
- (c) The permittee shall monitor the discharge(s) from regulated industrial activities for the pollutant of concern at a frequency of once per year. For the following pollutants of concern, monitoring must be conducted for the following alternative pollutants, unless an alternate is approved in writing by TCEQ's Wastewater Permitting Section (MC-148), or the TCEQ develops separate written guidance:

Pollutant(s) of Concern:

Bacteria: E.coli (for discharge to fresh water); or enterococci (for discharges to marine waters).

Dissolved Oxygen: BOD₅, COD, or both (based on the nature of the industrial activity, and whether there is an existing benchmark sampling requirement for the facility's industrial sector).

Nutrients: Phosphorous (for discharges to fresh water); or Nitrogen (for discharges to marine waters), unless otherwise established in an applicable TMDL or TMDL Implementation Plan.

Hazardous Metals: Specific metal(s) listed in the CWA 303(d) List or the TMDL.

Other: If the impairment is due to a parameter for which there is not an obvious analytical test or benchmark value (e.g., sediment, fish tissue, etc.), the permittee shall contact the TCEQ for guidance on which pollutant(s) to monitor for, if any, and the

TCEQ will respond in writing. The permittee shall retain this information with the SWP3.

The permittee may utilize the analytical results of sampling for other sections of this general permit to comply with this annual sampling requirements (e.g., hazardous metals sampling in Part III, Section C, or benchmark monitoring in Parts IV and V of this general permit).

- (d) Sampling, monitoring, and analyses must be conducted according to procedures specified in Part III, Section E.4 of this permit unless otherwise specified and using test procedures with minimum analytical levels (MALs) at or below benchmark values for all the benchmark parameters for which sampling is required.
- (e) Reporting. The permittee shall report the results of sampling for this section to the TCEQ by March 31 following the calendar year in which the samples were collected. The results for the pollutant(s) of concern must be submitted online using the Network Discharge Monitoring Report (NetDMR) reporting system available through the TCEQ website unless the permittee requested and obtained an electronic reporting waiver.
- (f) If sampling results indicate that the pollutant is present below the level of concern (e.g., the analytical result is below the benchmark values in Part V of this permit) or is not present (e.g., analytical result is below the MAL), then the permittee may discontinue sampling under this section for the remainder of the permit term.

5. Annual Comprehensive Site Compliance Inspection

The comprehensive site compliance inspection is a required site evaluation and an overall assessment of the effectiveness of the current SWP3. This inspection is in addition to other routine inspections required by the permit; however, it may substitute for a routine facility inspection if it is conducted during the regularly scheduled period of the routine facility inspection and the scope of the inspection is sufficient enough to address both the minimum requirements of the routine inspection and the comprehensive site compliance inspection.

- (a) General Requirements. The comprehensive site compliance inspection must be conducted at least once each permit year by one or more qualified employees or designated representatives, including at least one member of the stormwater pollution prevention team. The inspection must include an examination and assessment of:
 - (1) all areas identified in the Inventory of Exposed Materials section of the SWP3;
 - (2) all structural controls, including the maintenance and effectiveness;
 - (3) all non-structural controls (e.g., good housekeeping measures, scheduling, etc.);
 - (4) all areas where spills and leaks have occurred in the past three (3) years;
 - (5) all reasonably accessible areas immediately downstream of each outfall that is authorized under this general permit;
 - (6) industrial materials, residue, or trash that may have or could come into contact with stormwater;
 - (7) leaks or spills from industrial equipment, drums, tanks, and other containers;
 - (8) offsite tracking of industrial or waste materials, or sediment where vehicles enter or exit the site;

- (9) tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas;
 - (10) a review of the results of the past year's visual and analytical monitoring when planning and conducting inspections that are required by this general permit; and
 - (11) any control measures needing replacement, maintenance, or repair.
- (b) Annual Comprehensive Site Compliance Inspection Report. Within 30 days of performing the annual site compliance inspection, the permittee shall prepare a report that includes a narrative discussion of compliance with the current SWP3. The report must be signed and certified in accordance with Part III, Section E.6.(c) of this permit, and must either be included as a part of the SWP3 or referenced in the SWP3 and be made readily available for inspection and review upon request by authorized TCEQ personnel as well as any local pollution control agency with jurisdiction. The report must document all of the following information:
- (1) name(s) and title(s) of the personnel conducting the inspection;
 - (2) the date(s) of the inspection;
 - (3) findings from the inspection of areas of the facility;
 - (4) observations relating to the implementation of control measures:
 - a. previously unidentified discharges from the site;
 - b. previously unidentified pollutants in existing discharges;
 - c. evidence of, or the potential for, pollutants entering the drainage system;
 - d. evidence of pollutants discharging to receiving waters, and the condition of and around each outfall; and
 - e. additional control measures needed to address any conditions requiring corrective action identified during the inspection.
 - (5) revisions to the SWP3 made as a result of the inspection; and
 - (6) any incidents of non-compliance:
 - a. An incident of non-compliance is any instance where an element of the SWP3 is either not implemented, or where specific conditions of the permit are not met.
 - b. If no incidents of non-compliance are discovered, the report must contain a certification by the permittee that the facility, or in the case of a shared SWP3, the portion of the facility the permittee is responsible for, is in compliance with the SWP3.
 - c. If an incident or incidents of non-compliance is identified, then the report must include all necessary actions to remedy the non-compliance. The identified actions must be completed as soon as practicable, but no later than 12 weeks following the completion of the report.
- (c) Revision of the SWP3. Within 12 weeks following the completion of the Annual Site Compliance Inspection Report, the permittee shall revise and implement the SWP3 to include and address the findings of the report. Revisions must include all changes resulting from the report and all applicable updates to the following:
- (1) elements of the SWP3 requiring modification;