



U.S. Department
of Transportation
**Federal Aviation
Administration**

Great Lakes Region
2300 East Devon Avenue
Des Plaines, IL 60018

JAN 2 2014

I

Thank you for your email dated October 17, 2013, to Federal Aviation Administration (FAA) Administrator Michael Huerta and me. From your correspondence, it appears you have concerns about residential noise levels and have an interest in sound insulation near O'Hare International Airport.

The FAA has provided extensive funding throughout the nation to address airport noise impacts to the greatest extent possible. The FAA has worked with the Chicago Department of Aviation (CDA) and the O'Hare Noise Compatibility Commission (ONCC) to provide over \$167 million for school sound insulation, and more than \$77 million for residential sound insulation to address O'Hare related noise impacts.

Based on your address, your home is approximately six miles east of the end of Runway 27L and just north of the extended centerline. Unfortunately, your home does not fall within the area that qualifies for federally funded sound insulation. This CDA website (<http://www.flychicago.com/OHare/EN/AboutUs/NoiseManagement/RSIP/Pages/Residential-SIP.aspx>) offers information to homeowners on sound insulating their homes.

The Chicago Department of Aviation (CDA) has a permanent noise monitor (#5) located very near your home. The noise monitor is at 6314 W Rosedale Ave (near Nagle and Peterson), and has been there for many years. You can review the data for this noise monitor for the last several years at this web site: <http://www.oharenoise.org/ANMS-reportsArchive.htm#2013>. Enclosed for your reference is data from the most current report dated September 2013.

In reviewing the data, you can see the average monthly noise levels for Monitor #5 vary between 56.4 and 58.9 Day-Night Equivalent Sound Level (DNL). Weather, wind and other factors determine which runways are used. The slight fluctuation in monthly noise data reflects this. Your observation of recent increases in noise may be due to the overall increase in O'Hare operations. For the past few months, O'Hare has seen increases in traffic. Historically though, traffic at O'Hare is still below its busiest year, which was 2004. In the last few years annual operations have been approximately 880,000, considerably less than the 2004 high of 989,000.

You can use the following web link to see the noise contours on a map, and also enter your address to see where your house is relative to the noise contour. These contours were calculated based on anticipated future annual operations at O'Hare in excess of 1,000,000.

<http://www.flychicago.com/OHare/EN/AboutUs/NoiseManagement/RSIP/Pages/Residential-SIP.aspx>

Chicago Ward 45 is a member of the O'Hare Noise Compatibility Commission (ONCC). The ONCC is an independent coalition of 27 municipalities, Cook County, and 15 School Districts that represent 40 communities surrounding O'Hare. Since your community is a member of the ONCC, you may want to consider sharing your concerns with your local elected officials.

For more information on the OMP, please reference our website:

http://www.faa.gov/airports/airport_development/omp/

You will find the completed Environmental Impact Statement, Frequently Asked Questions regarding the program, and many more other details. Additional resources that provide information on noise

Thank you for sharing your perspective with the FAA.

Sincerely,


for Barry D. Cooper
Regional Administrator
Great Lakes Region

Enclosure

Aircraft Noise Report

Chicago O'Hare International Airport

Period: September 2013

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Sep 12	12 Month Average vs 1997 ²	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		Oct 12	Nov 12	Dec 12	Jan 13	Feb 13	Mar 13	Apr 13	May 13	Jun 13	Jul 13	Aug 13						Sep ¹ 13
1	Arlington Heights	58.2	58.1	57.0	55.4	56.1	57.2	58.0	58.9	59.0	59.9	59.1	60.7	59.1	58.4	63.0	63.0	50.5
2	Melrose Park	54.5	54.4	50.1	50.8	51.2	51.1	54.7	54.9	54.8	54.2	53.7	55.3	51.4	53.7	63.4	61.0	50.3
3	Bensenville	60.7	59.3	57.3	58.6	58.8	59.5	59.8	61.8	60.5	59.0	57.2	59.0	59.1	59.5	71.3	67.3	64.9
4	Schiller Park	57.2	58.4	54.6	56.0	57.5	55.6	58.7	56.9	55.1	55.5	53.4	54.5	56.8	56.4	62.6	62.6	58.8
5	Chicago	57.6	58.5	56.4	57.5	56.9	58.5	57.2	56.4	58.0	58.9	57.4	57.5	58.6	57.6	60.8	59.8	61.9
7	Des Plaines	52.5	52.5	50.5	52.6	54.0	53.6	54.5	55.0	53.2	60.8	54.9	54.7	52.4	54.9	65.4	62.0	48.5
8	Des Plaines	59.9	57.9	58.6	59.4	60.8	62.6	62.4	64.0	63.5	62.0	61.8	62.0	61.2	61.6	70.0	68.8	60.8
10	Rolling Meadows	57.9	58.6	55.0	55.6	54.5	56.4	62.1	66.2	--	59.8	57.2	59.1	57.3	59.9	59.0	60.8	48.9
11	Chicago	59.4	57.0	--	60.1	60.1	59.2	63.9	60.6	58.3	56.5	55.9	56.2	56.1	59.5	60.9	60.7	50.3
12	Elk Grove Village	60.0	58.8	58.2	58.2	59.3	58.7	60.9	57.9	57.7	58.4	57.8	57.3	57.6	58.7	66.7	62.1	57.6
13	Elk Grove Village	72.4	72.5	71.3	71.1	70.8	71.7	72.1	71.7	69.6	74.1	73.3	73.6	72.8	72.2	80.0	77.6	64.6
14	Elk Grove Village	61.0	59.9	61.2	57.4	59.6	60.4	59.8	59.8	61.1	60.4	60.6	61.0	61.9	60.3	67.6	65.7	54.5
15	Franklin Park	55.7	57.2	51.8	53.8	57.8	52.1	58.8	56.6	55.8	55.1	53.6	55.2	53.7	55.8	64.1	62.6	53.6
16	Franklin Park	66.9	67.6	--	63.8	63.9	63.5	65.3	65.9	65.3	65.4	64.3	64.8	65.1	64.9	72.2	72.1	63.4
17	Harwood Heights	65.8	62.4	63.2	63.4	63.1	63.2	--	--	64.3	66.1	67.0	62.7	65.9	64.4	66.4	65.4	57.9
19	Stone Park	55.6	55.2	51.2	54.1	53.3	51.6	56.6	55.2	54.6	54.4	55.2	54.2	52.7	54.5	64.7	61.7	51.6
20	Mount Prospect	59.8	58.6	57.9	57.2	56.0	55.7	57.5	60.3	60.1	60.1	60.8	61.3	59.2	59.1	63.5	62.4	49.1
21	Mount Prospect	52.9	52.3	52.9	51.5	52.0	54.4	53.4	55.2	54.5	55.3	54.8	53.9	54.1	53.8	59.6	58.6	53.6
22	Norridge	67.5	66.1	66.5	66.9	66.9	66.5	66.0	64.9	66.6	66.5	66.9	65.5	66.1	66.5	69.2	67.7	59.2
23	Northlake	64.5	66.1	64.3	64.3	64.7	64.8	65.5	63.8	65.1	64.6	64.7	65.3	63.2	64.8	73.5	69.1	59.6
24	Park Ridge	51.3	49.9	49.5	47.7	51.5	52.1	54.9	55.8	53.6	55.4	54.2	54.7	51.7	53.2	60.3	58.8	50.6
25	Park Ridge	56.8	54.8	55.5	54.8	55.5	55.2	56.6	57.5	58.4	59.1	58.4	58.5	56.3	57.0	69.1	61.8	66.7
26	Park Ridge	55.2	53.5	53.6	51.9	55.1	56.0	60.1	58.9	57.6	58.9	60.5	57.6	56.0	57.3	64.0	61.2	59.5
27	Rosemont	63.7	62.1	61.8	61.6	62.5	63.3	64.1	64.6	64.0	62.9	63.6	63.3	63.6	63.2	73.0	67.6	70.2
28	Schiller Park	77.2	76.2	76.3	77.5	77.1	76.7	75.7	73.7	74.8	75.0	75.8	74.5	76.2	76.0	79.6	78.7	67.9
29	Wood Dale	64.3	63.3	64.5	59.9	62.6	64.6	66.1	67.6	67.0	64.7	65.8	66.1	65.2	65.1	n/a	n/a	65.1
30	Wood Dale	55.1	54.5	52.8	54.1	54.5	53.6	56.2	56.9	54.7	54.1	52.2	52.9	53.6	54.5	n/a	n/a	58.5
32	Wood Dale	62.6	62.1	60.6	61.1	61.8	61.6	61.5	59.9	60.9	62.3	59.5	61.0	60.3	61.3	71.2	66.4	63.8
33	Park Ridge	60.7	59.5	58.8	60.1	59.7	60.1	61.3	59.4	59.9	60.9	60.9	60.1	60.7	60.2	n/a	n/a	61.9
34	Elk Grove Village	59.4	58.7	59.2	59.0	59.4	60.4	59.6	55.9	62.2	--	55.4	56.8	58.9	59.1	66.3	61.2	61.4
35	Unincorporated Cook	59.9	60.6	58.2	60.1	60.6	58.9	60.8	59.0	59.5	59.3	59.1	59.8	57.9	59.7	70.8	65.4	54.7
37	Mount Prospect	53.8	53.5	53.5	53.9	55.9	54.7	62.2	55.1	54.5	56.0	54.7	55.8	53.9	56.1	55.1	57.0	50.5

--No data due to monitor malfunction.

n/a- Not Applicable

1. **Red** represents an increase of 1 dB or more from the same month of the previous year (13 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (5 monitors).

2. **Red** represents an increase of 1 dB or more from the modeled 1997 noise contour level (1 monitor). **Green** represents a decrease of 1dB or more from the modeled 1997 noise contour level (27 monitors).