

**APPENDIX H**  
**CONSTRUCTION**





















13-Mar-14 Distances from Property Line for Each 1/3  
50 100 150

Receptor Group - Building 4 North Face	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2					
<b>Noise Source</b>																																							
<b>Bldg 1</b>																													230										
Distance																													0										
Building L																													0										
Equipment (dBA)																													71.9										
<b>Bldg 2</b>																													65										
Distance																													0										
Building L																													0										
Equipment (dBA)																													77.9										
<b>Bldg 3</b>																													70										
Distance																													0										
Building L																													0										
Equipment (dBA)																													77.9										
<b>Bldg 4</b>																													10000										
Distance																													0										
Building L																													0										
Equipment (dBA)																													38.0										
<b>Bldg 5</b>																													10000										
Distance																													0										
Building L																													0										
Equipment (dBA)																													38.0										
<b>School</b>																													10000										
Distance																													0										
Building L																													0										
Equipment (dBA)																													39.5										
<b>Equipment subtotal</b>																													40.0										
<b>Background Site #8</b>																													61.5										
<b>Total noise</b>																													61.5										
<b>Increase</b>																													0.0										
<b>Weeks &gt; 3 dBA increment</b>																													0										
<b>Weeks &gt; 15 dBA increment</b>																													0										
<b>Weeks &gt; 85 dBA</b>																													0										
<b>Minimum Noise Level with 20 dB</b>																													33.5										
<b>Bldg 1</b>																													15.0										
<b>Bldg 2</b>																													7.2										
<b>Bldg 3</b>																													7.6										
<b>Bldg 4</b>																													35.2										
<b>Bldg 5</b>																													46.1										
<b>School</b>																													46.1										

273 weeks > 3 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA







13-Mar-14

Distances from Property Line for Each 1/3

50 100 150

Receptor Group #6 Noise Source	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA										
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																		
<b>Bldg 1</b> Distance Building IL Equipment (dBA)																1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0		
<b>Bldg 2</b> Distance Building IL Equipment (dBA)																62.0	61.6	58.7	58.5	57.3	51.0	48.3	46.7	61.2	60.9	59.2	59.0	57.5	51.8	48.9	45.6																		
<b>Bldg 3</b> Distance Building IL* Equipment (dBA)																300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	300 0	
<b>Bldg 4</b> Distance Building IL* Equipment (dBA)	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	1000 0	59.2	53.2	49.7	60.6	59.2	59.0	56.6	56.3																								
<b>Bldg 5</b> Distance Building IL Equipment (dBA)																10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0	10000 0		
<b>School</b> Distance Building IL Equipment (dBA)																100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	100 0	
<b>Equipment subtotal</b>	59.2	53.2	49.7	60.6	59.3	59.0	56.7	56.3	27.5	7.2	69.8	69.5	67.0	66.2	65.6	60.0	60.0	22.5	7.8	62.0	61.6	58.7	58.5	57.3	51.0	48.3	46.7	61.2	60.9	59.2	59.2	74.3	73.8	66.3	65.7	45.6													
<b>Background Site #1</b>	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1												
<b>Total noise</b>	64.6	63.5	63.3	65.0	64.6	64.5	64.0	63.9	63.1	63.1	70.7	70.4	68.5	68.0	67.5	64.8	64.8	63.1	65.6	65.4	64.4	64.4	64.1	63.4	63.2	63.2	63.3	65.3	65.1	64.6	74.6	74.2	68.0	67.6	63.2														
<b>Increase</b>	1.5	0.4	0.2	1.9	1.5	1.4	0.9	0.8	0.0	0.0	7.6	7.3	6.4	4.9	4.4	1.7	1.7	0.0	0.0	2.5	2.3	1.3	1.3	1.0	0.3	0.1	0.1	2.2	2.0	1.5	11.1	11.1	4.9	4.5	0.1														
<b>Weeks &gt; 3 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	13	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	13	0														
<b>Weeks &gt; 18 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													

<b>Bldg 1</b>	26.4 26.8 27.2																56.8	56.5	54.8	54.6	53.1	47.4	44.5	41.2								
<b>Bldg 2</b>	26.4 26.8 27.2																57.6	57.2	54.3	54.1	52.9	46.6	43.9	42.3								
<b>Bldg 3</b>	16.9 18.1 19.1																66.1	65.8	63.2	62.5	61.8	56.3	56.3	18.7								
<b>20log(dist+50/50)</b>																	64.9	64.6	62.1	61.3	60.7	55.1	55.1	17.5								
<b>Bldg 4</b>	26.4 26.8 27.2	54.9	48.8	45.3	56.2	54.9	54.6	52.2	51.9																63.9	63.6	61.0	60.3	59.6	54.1	54.1	16.5
<b>Bldg 5</b>	46.1 46.1																33.2	34.3	33.4	28.9	22.8	-10.5										
<b>School</b>	9.5 12.0 14.0																33.2	34.3	33.3	26.8	22.7	-10.6										

	117 weeks >3 dBA
	0 weeks >18 dBA
	0 weeks > 85 dBA

















13-Mar-14 Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #13	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																															
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																				
<b>Bldg 1</b>																																	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760				
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building L																																	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18			
Equipment (dBA)																																	53.4	53.0	51.4	51.2	49.7	44.0	41.1	37.8																														
<b>Bldg 2</b>																																	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building L																																	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19		
Equipment (dBA)																																	57.6	57.2	54.3	54.1	52.9	46.6	43.9	42.3																														
<b>Bldg 3</b>																																	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250			
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Building L																																	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
Equipment (dBA)																																	66.0	65.7	63.2	62.5	61.8	56.2	56.2	18.6																														
<b>Bldg 4</b>																																	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480			
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Building L																																	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Equipment (dBA)																																	59.9	53.8	50.3	61.2	59.9	59.6	57.2	56.9																														
<b>Bldg 5</b>																																	250	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320		
Distance																																	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Building L																																	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Equipment (dBA)																																	62.3	63.4	62.5	56.0	51.9	18.6																																
<b>School</b>																																	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250			
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Building L																																	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Equipment (dBA)																																	63.9	63.5	55.9	55.4																																		
<b>Equipment subtotal</b>	59.9	53.8	50.3	61.2	64.3	64.9	63.6	59.5	51.9	18.9	66.0	65.7	63.2	62.5	61.8	56.2	56.2	18.9	7.8	57.6	57.2	54.3	54.1	52.9	46.6	43.9	42.3	53.4	53.0	51.4	64.1	63.7	56.1	55.5	37.8																																			
<b>Background Site #5</b>	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7																																		
<b>Total noise</b>	63.3	61.5	61.1	64.0	66.9	66.3	66.4	63.1	61.2	60.7	67.2	66.9	65.1	64.7	64.3	62.0	62.0	60.7	60.7	62.4	62.3	61.6	61.6	61.4	60.9	60.8	60.8	61.4	61.4	61.2	66.8	65.4	62.0	61.9	60.7																																			
<b>Increase</b>	2.6	0.8	0.4	3.3	2.2	5.6	4.7	2.4	0.5	0.0	6.5	6.2	4.4	4.0	3.6	1.3	1.3	0.0	0.0	1.7	1.6	0.9	0.9	0.7	0.2	0.1	0.1	0.7	0.7	0.5	5.1	4.7	1.3	1.2	0.0																																			
<b>Weeks &gt; 4 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		
<b>Weeks &gt; 15 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		
<b>Bldg 1</b>	24.2	24.7	25.2																																																																			
<b>Bldg 2</b>	20.5	21.3	22.0																			63.5	63.2	60.3	60.1	58.9	52.5	49.9	48.3																																									
<b>Bldg 3</b>	15.6	16.9	18.1													67.4	67.1	64.5	63.8	63.2	57.6	57.6	20.0																																															
<b>Bldg 4</b>	20.5	21.3	22.0																			62.8	62.4	59.5	59.3	58.1	51.7	49.1	47.2																																									
<b>Bldg 5</b>	16.9	18.1													64.9	64.6	62.1	61.3	60.7	55.1	55.1	17.5																																																
<b>School</b>	15.6	16.9	18.1																			65.3	64.9	57.3	56.8																																													

104 weeks > 4 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA

13-Mar-14 Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #14	2014			2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																													
	1	2	3	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																		
<b>Bldg 1</b>																																	900	900	900	900	900	900	900	900																											
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5					
Building IL																																	57.0	56.7	55.1	54.8	53.3	47.6	44.8	41.4																											
Equipment (dBA)																																	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770				
<b>Bldg 2</b>																																	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560			
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Building IL																																	60.4	60.1	57.5	56.8	56.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6			
Equipment (dBA)																																	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890			
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Building IL																																	60.2	54.1	50.6	61.5	60.2	59.9	57.5	57.2																											
Equipment (dBA)																																	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840				
Distance																																	58.6	59.7	58.7	52.3	48.1	14.8																													
Building IL																																	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740				
Equipment (dBA)																																	56.2	55.7	48.1	47.6																															
<b>School</b>																																	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740				
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Building IL																																	56.2	55.7	48.1	47.6																															
Equipment (dBA)																																	60.2	54.1	50.6	61.5	62.5	62.8	61.2	58.4	48.1	15.5	60.4	60.1	57.5	56.8	56.1	50.6	50.6	13.9	7.8	59.0	58.7	55.8	55.6	54.4	48.0	45.4	43.8	57.0	56.7	55.1	58.8	57.7	50.9	49.4	41.4
<b>Equipment subtotal</b>																																	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7		
<b>Background Site #5</b>																																	61.6	61.1	64.1	64.7	64.9	64.0	62.7	60.9	60.7	63.6	63.4	62.4	62.2	62.0	61.1	61.1	60.7	60.7	63.0	62.8	61.9	61.9	61.6	60.9	60.8	60.8	62.3	62.2	61.7	62.8	62.5	61.1	61.0	60.8	
<b>Total noise</b>																																	2.8	0.9	0.4	3.4	4.0	4.2	3.3	2.0	0.2	0.0	2.9	2.7	1.7	1.5	1.3	0.4	0.4	0.0	0.0	2.3	2.1	1.2	1.2	0.9	0.2	0.1	0.1	1.6	1.5	1.0	2.1	1.8	0.4	0.3	0.1
<b>Increase</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 4 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 15 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 85 dBA</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

13 weeks > 4 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	25.6	25.0	26.4															57.7	57.4	55.7	55.5	54.0	48.3	45.4	42.1										
<b>Bldg 2</b>	24.3	24.8	25.3															59.5	59.4	56.5	56.3	55.1	48.7	46.1	44.5										
<b>Bldg 3</b>	21.7	22.4	23.0															61.3	61.0	58.4	57.7	57.0	51.5	51.5	13.8										
<b>Bldg 4</b>	25.5	25.9	26.4	55.8	49.8	46.3	57.2	55.8	55.6	53.2	52.9															59.2	58.9	56.0	55.8	54.6	48.2	45.6	44.0		
<b>Bldg 5</b>	25.0	25.5	25.9	55.4	49.4	45.4	56.3	54.9	54.7	52.3	52.0															58.8	58.4	55.5	55.3	54.1	47.7	45.1	43.5		
<b>School</b>	24.0	24.5	25.0																													56.9	56.5	48.8	48.3
																													56.4	55.9	48.3	47.8			
																													55.8	55.4	47.8	47.3			



13-Mar-14 Distances from Property Line for Each 1/3  
 50 100 150

Receptor Group #15	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																															
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																				
<b>Bldg 1</b>																																	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370				
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building IL																																	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18		
Equipment (dBA)																																	51.5	51.1	49.5	49.3	47.8	42.1	39.2	35.9																														
<b>Bldg 2</b>																																	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Building IL																																	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
Equipment (dBA)																																	54.0	53.7	50.8	50.6	49.4	43.0	40.4	38.8																														
<b>Bldg 3</b>																																	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540		
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Building IL																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment (dBA)																																	67.7	65.4	62.8	62.1	61.4	55.9	55.9	18.2																														
<b>Bldg 4</b>																																	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Building IL																																	56.0	50.0	46.5	57.3	56.0	55.7	53.4	53.1																														
Equipment (dBA)																																	56.0	50.0	46.5	57.3	56.0	55.7	53.4	53.1																														
<b>Bldg 5</b>																																	590	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	
Distance																																	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Building IL																																	56.3	57.4	56.5	50.0	45.8	12.6																																
Equipment (dBA)																																	56.3	57.4	56.5	50.0	45.8	12.6																																
<b>School</b>																																	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Building IL																																	57.9	57.5	49.8	49.3																																		
Equipment (dBA)																																	57.9	57.5	49.8	49.3																																		
<b>Equipment subtotal</b>																																	50.0	50.0	46.5	57.3	59.2	59.7	58.2	54.8	45.8	13.6	65.7	65.4	62.8	62.1	61.4	55.9	55.9	18.6	7.8	54.0	53.7	50.8	50.6	49.4	43.0	40.4	38.8	51.5	51.1	49.5	58.4	57.9	50.5	49.7	35.9			
<b>Background Site **</b>																																	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
<b>Total noise</b>																																	62.9	61.1	60.9	62.9	63.0	63.2	62.6	61.7	60.8	60.7	62.9	66.6	64.9	64.6	64.1	61.9	61.9	60.7	60.7	61.5	61.5	61.1	61.1	61.0	60.8	60.7	60.7	61.2	61.2	61.0	62.7	62.5	61.1	61.0	60.7	60.7	60.7	60.7
<b>Increase</b>																																	1.3	0.4	0.2	1.6	2.3	2.5	1.9	1.0	0.1	0.0	6.2	5.9	4.2	3.8	3.4	1.2	1.2	0.0	0.0	0.8	0.8	0.4	0.4	0.3	0.1	0.0	0.0	0.5	0.5	0.3	2.0	1.8	0.4	0.3	0.0	0.0		
<b>Weeks &gt; 4 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Weeks &gt; 15 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Weeks &gt; 85 dBA</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

39 weeks > 4 dBA  
 0 weeks > 15 dBA  
 0 weeks > 85 dBA

<b>Bldg 1</b>	26.2	26.8	27.0																									57.1	56.7	55.1	54.9	53.4	47.7	44.8	41.5
<b>Bldg 2</b>	24.3	24.8	25.3																									59.5	59.4	56.5	56.3	55.1	48.7	46.1	44.5
<b>Bldg 3</b>	21.4	22.1	22.8																									61.5	61.2	58.7	58.0	57.3	51.8	51.8	14.1
<b>Bldg 4</b>	24.6	25.1	25.6	56.7	50.7	47.2	58.0	56.7	56.4	54.0	53.8													59.2	59.9	56.0	55.8	54.6	48.2	45.6	44.0				
<b>Bldg 5</b>	22.8	23.4	24.4	56.2	50.2	46.7	57.5	56.2	55.9	53.6	53.3													60.2	59.9	57.3	56.6	55.9	50.4	50.4	12.8				
<b>School</b>	22.1	22.8	23.4	56.7	50.7	46.2	57.1	55.7	55.5	53.1	52.8													58.1	57.6	50.9	49.5	48.9							







13-Mar-14 Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #19	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																													
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																		
<b>Bldg 1</b>																																	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																																	51.6	51.3	49.6	49.4	47.9	42.2	39.3	36.0																												
<b>Bldg 2</b>																																	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																																	54.7	54.3	51.4	51.2	50.0	43.6	41.0	39.4																												
<b>Bldg 3</b>																																	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																																	54.3	54.0	51.4	50.7	50.0	44.5	44.5	6.8																												
<b>Bldg 4</b>	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480																																	
Distance	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10																																	
Equipment (dBA)	54.9	48.8	45.3	56.2	54.9	54.6	52.2	51.9																																																												
<b>Bldg 5</b>																																	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370				
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																																	54.7	55.8	54.8	48.4	44.2	11.0																														
<b>School</b>																																	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500				
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																																	54.1	53.7	46.1	45.6																																
<b>Equipment subtotal</b>	54.9	48.8	45.3	56.2	57.8	58.2	56.7	53.5	44.2	12.4	54.3	54.0	51.4	50.7	50.0	44.5	44.5	9.9	7.8	54.7	54.3	51.4	51.2	50.0	43.6	41.0	39.4	51.6	51.3	49.6	50.4	54.7	47.6	46.5	36.0																																	
<b>Background Site #4</b>	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5																																	
<b>Total noise</b>	67.7	67.6	67.5	67.8	67.9	68.0	67.8	67.7	67.5	67.5	67.7	67.5	67.6	67.6	67.5	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.6	67.6	67.5	67.5	67.5	67.6	67.6	67.6	67.5	67.5	67.5	67.5	67.5																																	
<b>Increase</b>	0.2	0.1	0.0	0.3	0.4	0.3	0.3	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.2	0.0	0.0																																		
<b>Weeks &gt; 3 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		
<b>Weeks &gt; 15 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		

0 weeks > 3 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	26.0	26.4	26.8																									57.3	56.9	55.3	55.0	53.5	47.9	45.0	41.7												
<b>Bldg 2</b>	23.6	24.2	24.7																									60.4	60.0	57.1	56.9	55.7	49.4	46.7	45.2												
<b>Bldg 3</b>	22.9	23.5	24.1																									59.9	59.5	56.6	56.4	55.2	48.8	46.2	44.6												
<b>Bldg 4</b>	20.5	21.3	22.0	60.8	54.8	51.3	62.1	60.8	60.5	58.2	57.9													59.3	58.6	56.0	55.3	54.6	49.1	49.1	11.5																
<b>Bldg 5</b>	18.5	19.5	20.3	60.8	61.9	61.0	64.5	60.0	53.5	49.4	16.1													59.3	58.8	51.2	50.7																				
<b>School</b>	20.8	21.6	22.3																									60.0	59.6	52.0	51.5													58.6	58.2	50.5	50.0

13-Mar-14 Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #20	2014			2015			2016			2017			2018			2019			2020			2021			2022			2023			Weeks > 3 dBA																															
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3																																
<b>Bldg 1</b>																												800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800						
Distance																												10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
Equipment (dBA)																												53.0	52.6	51.0	50.8	49.3	43.6	40.7	37.4																											
<b>Bldg 2</b>																												650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650						
Distance																												10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
Equipment (dBA)																												55.3	55.0	52.1	51.9	50.7	44.3	41.8	40.1																											
<b>Bldg 3</b>																												640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640						
Distance																												10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
Equipment (dBA)																												54.4	54.1	51.5	50.8	50.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6						
<b>Bldg 4</b>																												360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360						
Distance																												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Equipment (dBA)																												66.9	60.9	57.4	68.2	66.9	66.6	64.3	64.0																											
<b>Bldg 5</b>																												320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320						
Distance																												10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
Equipment (dBA)																												55.7	56.8	55.8	49.4	45.2	12.0																													
<b>School</b>																												480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480						
Distance																												10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
Equipment (dBA)																												54.4	54.0	46.4	45.9																															
<b>Equipment subtotal</b>																												66.9	60.9	57.4	68.2	67.2	67.1	64.8	64.1	45.2	13.2	54.4	54.1	51.5	50.8	50.1	44.6	44.6	10.0	7.8	55.3	55.0	52.1	51.9	50.7	44.3	41.7	40.1	53.0	52.6	51.0	50.0	55.2	48.2	47.0	37.4
<b>Background Site #9</b>																												71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
<b>Total noise</b>																												72.5	71.5	71.3	72.9	72.6	72.5	72.0	71.9	71.1	71.1	71.2	71.2	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.1	71.2	71.1	71.1	71.1
<b>Increase</b>																												1.4	0.4	0.2	1.8	1.5	1.4	0.9	0.8	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	
<b>Weeks &gt; 3 dBA increment</b>																												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Weeks &gt; 15 dBA increment</b>																												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Weeks &gt; 85 dBA</b>																												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

0 weeks > 3 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	24.6	25.1	25.6																								58.7	58.3	56.7	56.5	55.0	49.3	48.4	43.1													
<b>Bldg 2</b>	22.9	23.5	24.1																	61.1	60.7	57.9	57.7	56.4	50.1	47.4	45.9																				
<b>Bldg 3</b>	22.8	23.4	24.0													60.2	59.9	57.3	56.6	55.9	50.4	50.4	12.8																								
<b>Bldg 4</b>	18.3	19.3	19.5	63.0	57.0	53.5	64.4	63.0	62.8	60.4	60.1																60.5	60.1	57.3	57.1	55.8	49.5	46.8	45.3													
<b>Bldg 5</b>	17.4	18.5	19.5	61.1	60.1	51.6	62.5	61.1	60.9	58.5	58.2																59.0	58.7	56.1	55.4	54.8	49.2	49.2	11.6													
<b>School</b>	20.5	21.3	22.0																					60.4	59.9	52.3	51.8																59.6	59.1	51.5	51.0	50.3







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Receptor Group #23	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2					
Bidg 1	Distance																																						
	Building L																																						
	Equipment (dBA)																																						
Bidg 2	Distance																																						
	Building L																																						
	Equipment (dBA)																																						
Bidg 3	Distance																																						
	Building L																																						
	Equipment (dBA)																																						
Bidg 4	Distance																																						
	Building L																																						
	Equipment (dBA)																																						
Bidg 5	Distance																																						
	Building L																																						
	Equipment (dBA)																																						
School	Distance																																						
	Building L																																						
	Equipment (dBA)																																						
Equipment subtotal																																							
Background Site #8																																							
Total noise																																							
Increase																																							
Weeks > 3 dBA increment																																							
Weeks > 15 dBA increment																																							
Weeks > 85 dBA																																							

325 weeks > 3 dBA  
26 weeks > 15 dBA  
0 weeks > 85 dBA

Bidg 1	21.6																																			
	22.3																																			
	22.9																																			
Bidg 2	15.3																																			
	16.7																																			
	17.8																																			
Bidg 3	12.5																																			
	14.9																																			
	15.8																																			
200g(50ft-40/50)	69.3	63.2	59.7	70.6	69.3	69.0	66.6	66.3																												
	14.0	67.3	61.3	57.8	68.7	67.3	67.1	64.7	64.4																											
	15.6	69.7	59.7	66.2	67.1	69.7	65.5	63.1	62.8																											
Bidg 4	8.1																																			
	8.9																																			
	11.6																																			
School	0.0																																			
	6.0																																			
	6.5																																			

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50 100 150

Receptor Group #24	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023				Weeks > 3 dBA																																
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																																					
<b>Bldg 1</b>																																	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600							
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10							
Equipment (dBA)																																	55.2	54.8	53.2	53.0	51.5	45.8	42.9	39.6																																	
<b>Bldg 2</b>																																	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480						
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
Equipment (dBA)																																	52.6	52.2	50.3	50.1	50.9	51.6	48.9	47.3																																	
<b>Bldg 3</b>																																	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480						
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5						
Equipment (dBA)																																	61.5	61.2	58.7	57.9	57.3	51.7	51.7	14.9	7.8	62.6	62.2	59.3	59.1	57.9	51.6	48.9	47.3	56.2	54.8	53.2	62.6	62.0	54.6	53.9	39.6																
<b>Bldg 4</b>																																	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180					
Distance																																	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Equipment (dBA)																																	71.4	65.4	61.9	72.7	71.4	71.1	68.7	68.5																																	
<b>Bldg 5</b>																																	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170					
Distance																																	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Equipment (dBA)																																	69.7	70.8	69.9	63.4	59.2	26.0																																			
<b>School</b>																																	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330						
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5						
Equipment (dBA)																																	62.1	61.6	54.0	53.5																																					
<b>Equipment subtotal</b>																																	71.4	65.4	61.9	72.7	71.6	74.0	72.4	69.6	59.2	26.0	61.5	61.2	58.7	57.9	57.3	51.7	51.7	14.9	7.8	62.6	62.2	59.3	59.1	57.9	51.6	48.9	47.3	56.2	54.8	53.2	62.6	62.0	54.6	53.9	39.6						
<b>Background Site #8</b>																																	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5					
<b>Total noise</b>																																	71.9	66.9	64.7	73.1	71.9	74.2	72.7	70.3	63.5	61.5	64.5	64.4	62.3	63.1	62.9	61.9	61.5	61.5	65.1	64.9	63.6	63.5	63.1	61.9	61.7	61.7	62.4	62.3	62.1	66.1	64.8	62.3	62.2	61.5	61.5	61.5					
<b>Increase</b>																																	10.3	5.4	3.2	11.6	12.4	12.2	11.2	8.8	2.0	0.0	3.0	2.9	1.8	1.6	1.4	0.4	0.4	0.0	0.0	3.6	3.4	2.1	2.0	1.6	0.4	0.2	0.2	0.8	0.8	0.6	3.6	3.3	0.8	0.7	0.0	0.0					
<b>Weeks &gt; 3 dBA increment</b>																																	13	13	13	13	13	13	13	0	0	13	0	0	0	0	0	0	0	0	0	13	13	0	0	0	0	0	0	0	0	0	13	13	0	0	0	0					
<b>Weeks &gt; 15 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
<b>Weeks &gt; 85 dBA</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

169 weeks > 3 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	22.3	22.9	23.5																																	61.0	60.7	59.0	58.8	57.3	51.6	48.7	49.4
<b>Bldg 2</b>	20.5	21.3	22.0																																	63.5	63.2	60.3	60.1	58.9	52.5	49.9	48.3
<b>Bldg 3</b>	20.5	21.3	22.0																																	62.8	62.4	59.5	59.3	58.1	51.7	49.1	47.5
<b>Bldg 4</b>	13.3	15.0	16.4	68.1	62.0	58.5	69.4	68.1	67.8	65.4	65.1																																
<b>Bldg 5</b>	12.9	14.6	16.1	66.3	60.3	56.8	67.7	66.3	66.1	63.7	63.4																																
<b>School</b>	17.6	18.7	19.6	64.4	65.7	64.8	58.3	54.2	20.9																																		

Receptor Group #25	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																																					
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																										
<b>Bldg 1</b>																													470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470														
Distance																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5														
Building IL																													62.0	61.6	60.0	59.8	58.3	52.6	49.7	46.4																				470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	
Equipment (dBA)																													57.7	67.4	64.5	64.3	63.1	56.7	54.1	52.5																				470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	
<b>Bldg 2</b>																													500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500													
Distance																													61.2	60.9	58.4	57.6	57.0	51.4	51.4	13.8																				470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	
Building IL																													70.8	64.7	61.2	72.1	70.8	70.5	68.1	67.8																				470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470
Equipment (dBA)																													200	200	200	200	200	200	200	200																				470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470
<b>Bldg 3</b>																													250	250	250	250	250	250	250	250																				400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	
Distance																													67.3	66.4	67.5	61.0	56.9	23.6																				400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400			
Building IL																													70.8	64.7	61.2	72.1	70.8	70.5	68.1	67.8																				400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Equipment (dBA)																													70.8	64.7	61.2	72.1	72.4	72.6	70.8	68.6	56.9	23.7	61.2	60.9	58.4	57.6	57.0	51.4	51.4	14.6	7.8	67.7	67.4	64.5	64.3	63.1	56.7	54.1	52.5	62.0	61.6	60.0	66.7	66.1	58.8	57.9	46.4													
<b>Equipment subtotal</b>																													70.8	64.7	61.2	72.1	72.4	72.6	70.8	68.6	56.9	23.7	61.2	60.9	58.4	57.6	57.0	51.4	51.4	14.6	7.8	67.7	67.4	64.5	64.3	63.1	56.7	54.1	52.5	62.0	61.6	60.0	66.7	66.1	58.8	57.9	46.4													
<b>Background Site #8</b>																													61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5													
<b>Total noise</b>																													17.2	16.4	16.4	17.9	17.7	17.3	17.3	16.4	12.8	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5												
<b>Increase</b>																													9.7	4.9	2.9	11.0	11.2	11.1	9.8	7.9	1.3	0.0	2.9	2.7	1.7	1.5	1.3	0.4	0.4	0.0	0.0	7.2	6.9	4.7	4.6	3.9	1.2	0.7	0.5	3.3	3.1	2.3	6.4	5.9	1.9	1.6	0.1													
<b>Weeks &gt; 3 dBA increment</b>																													13	13	0	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	13	13	0	0	0	13	13	0	13	13	0	0	0													
<b>Weeks &gt; 15 dBA increment</b>																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
<b>Weeks &gt; 85 dBA</b>																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													

208 weeks > 3 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	20.3	21.1	21.9																									62.9	62.6	60.9	60.7	59.2	53.5	50.6	47.3
<b>Bldg 2</b>	20.3	21.1	21.9																	63.7	63.3	60.4	60.2	59.0	52.7	50.0	48.4								
<b>Bldg 3</b>	20.8	21.6	22.3													62.2	61.8	58.9	58.7	57.5	51.2	48.5	46.9												
<b>Bldg 4</b>	14.0	15.6	16.9	67.3	61.3	57.8	68.7	67.3	67.1	64.7	64.4																								
<b>Bldg 5</b>	16.9	18.1	19.1	66.7	59.7	56.2	67.1	65.7	65.5	63.1	62.8																								
<b>School</b>	19.1	20.0	20.8	61.2	62.3	61.4	59.9	50.8	17.5																										



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Receptor Group #26	2014			2015			2016			2017			2018			2019			2020			2021			2022			2023			Weeks > 3 dBA
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Bldg 1	8.3																														
Distance	11.1																														
Building IL	13.3																														
Equipment (dBA)	80																														
Bldg 2	80																														
Distance	0																														
Building IL	0																														
Equipment (dBA)	77.6																														
Bldg 3	500																														
Distance	0																														
Building IL*	66.2																														
Equipment (dBA)	65.9																														
Bldg 4	430																														
Distance	0																														
Building IL*	65.6																														
Equipment (dBA)	59.6																														
Bldg 5	500																														
Distance	0																														
Building IL	62.5																														
Equipment (dBA)	63.6																														
School	510																														
Distance	5																														
Building IL	59.0																														
Equipment (dBA)	58.5																														
Equipment subtotal	65.6																														
Background Site #2	59.5																														
Total noise	7.1																														
Increase	13																														
Weeks > 3 dBA increment	0																														
Weeks > 18 dBA increment	0																														
Weeks > 85 dBA	0																														
																										364 weeks >3 dBA					
																										39 weeks >18 dBA					
																										0 weeks > 85 dBA					
Bldg 1	8.3																														
Bldg 2	8.3																														
Bldg 3	20.8																														
20log(dist+50/50)	61.7																														
Bldg 4	19.6																														
Bldg 5	21.6																														
School	21.0																														

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Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #27	2014			2015			2016			2017			2018			2019			2020			2021			2022			2023			Weeks > 3 dBA																												
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1		2	3	4																									
Bldg 1																													230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
Distance Building IL																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment (dBA)																													71.9	71.5	69.9	69.7	68.2	62.5	59.6	56.3																							
Bldg 2																													230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
Distance Building IL																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment (dBA)																													72.6	72.2	69.4	69.2	68.0	61.6	58.9	57.4																							
Bldg 3																													550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
Distance Building IL*																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment (dBA)																													65.5	65.2	62.7	61.9	61.3	55.7	55.7	18.1																							
Bldg 4	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300																											
Distance Building IL*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
Equipment (dBA)	68.2	62.1	58.6	69.5	68.2	67.9	65.5	65.2																																																			
Bldg 5																													500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	
Distance Building IL																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment (dBA)																													62.5	63.6	62.7	56.2	52.1	18.8																									
School																													510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	
Distance Building IL																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Equipment (dBA)																													59.0	58.5	50.9	50.4																											
Equipment subtotal	68.2	62.1	58.6	69.5	69.2	69.3	67.3	65.7	52.1	19.1	65.5	65.2	62.7	61.9	61.3	55.7	55.7	18.4	7.8	72.6	72.2	69.4	69.2	68.0	61.6	58.9	57.4	71.9	71.5	69.9	70.0	68.6	62.8	60.1	56.3																								
Background Site #7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4																										
Total noise	75.3	74.7	74.5	75.6	75.5	75.6	75.2	75.0	74.4	74.9	74.9	74.7	74.6	74.6	74.5	74.5	74.4	74.4	76.6	76.5	75.6	75.5	75.3	74.6	74.5	74.5	76.3	76.2	75.7	75.7	75.4	74.7	74.6	74.5																									
Increase	0.9	0.3	0.1	1.2	1.1	1.2	0.8	0.6	0.0	0.5	0.5	0.3	0.2	0.2	0.1	0.1	0.0	0.0	2.2	2.1	1.2	1.1	0.9	0.2	0.1	0.1	0.8	1.8	1.3	1.3	1.0	0.3	0.2	0.1																									
Weeks > 3 dBA increment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																									
Weeks > 18 dBA increments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																									
Weeks > 85 dBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																									

0 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

Bldg 1	15.0	16.4	17.6															68.3	68.0	66.3	66.1	64.6	58.9	56.0	52.7																					
Bldg 2	15.0	16.4	17.6															69.1	69.7	65.8	65.6	64.4	58.1	55.4	53.8																					
Bldg 3	21.6	22.3	22.9	61.4	61.1	58.5	57.8	57.1	51.6	51.6	14.0							66.9	66.5	64.9	64.7	63.2	57.5	54.6	51.3																					
20log(dist+50/50)																							60.7	60.4	57.8	57.1	56.5	50.9	50.9	13.3							65.7	65.3	63.7	63.5	62.0	56.3	53.4	50.1		
Bldg 4	16.9	18.1	19.1	64.4	58.4	54.9	65.7	64.4	64.1	61.8	61.5																																			
Bldg 5	20.8	21.6	22.3	58.5	59.6	58.6	52.1	48.0	14.7																																					
School	21.0	21.7	22.4	57.7	58.8	57.9	51.4	47.2	14.0																																					
																							57.0	58.1	57.2	50.7	46.5	13.3											59.9	59.4	51.8	51.3				
																													59.1	58.7	51.1	50.6							58.5	58.0	50.4	49.9				

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50 100 150

Receptor Group #28	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA
Noise Source	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	
Bldg 1 Distance																										170	170	170	170	170	170	170	170	170	170				
Bldg 1 Building IL																										0	0	0	0	0	0	0	0	0	0				
Bldg 1 Equipment (dBA)																										73.7	73.4	71.7	71.5	70.0	64.3	61.4	58.1						
Bldg 2 Distance																										170	170	170	170	170	170	170	170	170	170				
Bldg 2 Building IL																										0	0	0	0	0	0	0	0	0	0				
Bldg 2 Equipment (dBA)																										74.5	74.1	71.2	71.0	69.8	63.5	60.8	59.2						
Bldg 3 Distance																										600	600	600	600	600	600	600	600	600	600				
Bldg 3 Building IL*																										0	0	0	0	0	0	0	0	0	0				
Bldg 3 Equipment (dBA)																										64.9	64.6	62.0	61.3	60.6	55.1	55.1	17.4						
Bldg 4 Distance	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400				
Bldg 4 Building IL*	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5					
Bldg 4 Equipment (dBA)	61.2	55.1	51.6	62.5	61.2	60.9	58.5	58.2																															
Bldg 5 Distance																										600	600	600	600	600	600	600	600	600	600				
Bldg 5 Building IL																										5	5	5	5	5	5	5	5	5	5				
Bldg 5 Equipment (dBA)																										56.2	57.3	56.3	49.8	45.7	12.4								
School Distance																																							
School Building IL																																							
School Equipment (dBA)																																							
Equipment subtotal	61.2	55.1	51.6	62.5	62.4	62.5	60.6	58.8	45.7	13.5	64.9	64.6	62.0	61.3	60.6	55.1	55.1	17.8	7.8	74.5	74.1	71.2	71.0	69.8	63.5	60.8	59.2	73.7	73.4	71.7	71.7	70.2	64.4	61.7	58.1				
Background Site #2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5					
Total noise	63.4	60.9	60.2	64.3	64.2	64.2	63.1	62.2	59.7	59.5	66.0	65.7	63.9	63.5	63.1	60.8	60.8	59.5	59.5	74.6	74.2	71.5	71.3	70.2	64.9	63.2	62.4	73.9	73.5	72.0	71.9	70.6	65.7	63.7	61.9				
Increase	3.9	1.4	0.7	4.8	4.7	4.7	3.6	2.7	0.2	0.0	6.5	6.2	4.4	4.0	3.6	1.3	1.3	0.0	0.0	16.1	14.7	12.0	11.9	10.7	5.4	3.7	2.9	14.4	14.0	12.5	12.4	11.1	6.2	4.2	2.4				
Weeks > 5 dBA increment	0	0	0	0	0	0	0	0	0	0	13	13	0	0	0	0	0	0	0	13	13	13	13	13	13	0	0	13	13	13	13	13	13	13	13				
Weeks > 18 dBA increment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Weeks > 85 dBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

182 weeks >5 dBA  
0 weeks >18 dBA  
0 weeks > 85 dBA

Bldg	12.9																	70.4	70.1	68.4	68.2	66.7	61.0	58.1	54.8
1	14.6																	68.6	68.3	66.6	66.4	64.9	59.2	56.3	53.0
	16.1																	67.1	66.8	65.2	64.9	63.4	57.7	54.9	51.5
Bldg 2	12.9																	71.2	70.8	67.9	67.7	66.5	60.2	57.5	55.9
	14.6																	69.4	69.0	66.1	65.9	64.7	58.4	55.7	54.1
	16.1																	67.9	67.5	64.6	64.5	63.2	56.9	54.2	52.7
Bldg 3	22.3																	60.7	60.4	57.8	57.1	56.5	50.9	50.9	13.3
	22.9																	60.1	59.8	57.2	56.5	55.8	50.3	50.3	12.6
	23.5																	59.5	59.2	56.6	55.9	55.2	49.7	49.7	12.0
20log(dist+50/50)																									
Bldg 4	19.1	62.2	56.2	52.7	63.6	62.2	62.0	59.6	59.3																
	20.0	61.3	55.3	51.8	62.6	61.3	61.0	58.7	58.4																
	20.8	60.5	54.5	50.9	61.8	60.5	60.2	57.8	57.5																
Bldg 5	22.3	57.0	58.1	57.2	60.7	46.5	13.3																		
	22.9	56.4	57.5	56.5	50.0	45.9	12.6																		
	23.5	55.8	56.9	55.9	49.4	45.3	12.0																		
School	22.4																					58.5	58.0	50.4	49.9
	23.0																					57.8	57.4	49.8	49.3
	23.6																					57.2	56.8	49.2	48.7

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Distances from Property Line for Each 1/3  
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Receptor Group #29 Noise Source	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																																	
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																					
Bldg 1 Distance																																	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270							
Bldg 1 Building IL																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Bldg 1 Equipment (dBA)																																	70.8	70.5	68.8	68.6	67.1	61.4	58.5	55.2																																
Bldg 2 Distance																																	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270						
Bldg 2 Building IL																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5						
Bldg 2 Equipment (dBA)																																	66.6	66.2	63.3	63.1	61.9	55.6	52.9	51.3																																
Bldg 3 Distance																																	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650					
Bldg 3 Building IL*																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5						
Bldg 3 Equipment (dBA)																																	59.3	59.0	56.4	55.7	55.0	49.5	49.5	11.8																																
Bldg 4 Distance	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400																																				
Bldg 4 Building IL*	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5																																					
Bldg 4 Equipment (dBA)	61.2	55.1	51.6	62.5	61.2	60.9	58.5	58.2																																																																
Bldg 5 Distance																																	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600						
Bldg 5 Building IL																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5						
Bldg 5 Equipment (dBA)																																	56.2	57.3	56.3	49.8	45.7	12.4																																		
School Distance																																	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610	610						
School Building IL																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
School Equipment (dBA)																																	52.6	52.2	44.6	44.1																																				
Equipment subtotal	61.2	55.1	51.6	62.5	62.4	62.5	60.6	58.8	45.7	13.5	59.3	59.0	56.4	55.7	55.0	49.5	49.5	13.1	7.8	66.6	66.2	63.3	63.1	61.9	55.6	52.9	51.3	70.8	70.5	68.8	68.7	67.3	61.5	58.7	55.2																																					
Background Site #2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5																																					
Total noise	63.4	60.9	60.2	64.3	64.2	64.2	63.1	62.2	59.7	59.5	62.4	62.3	61.2	61.0	60.8	59.9	59.9	59.5	59.5	59.5	67.4	67.1	64.8	64.7	63.9	61.0	60.4	60.1	71.1	70.8	69.3	69.2	67.9	63.6	62.1	60.9																																				
Increase	3.9	1.4	0.7	4.8	4.7	4.7	3.6	2.7	0.2	0.0	2.9	2.8	1.7	1.5	1.3	0.4	0.4	0.0	0.0	7.9	7.6	5.3	5.2	4.4	1.5	0.9	0.6	11.9	11.3	9.8	9.7	8.4	4.1	2.6	1.4																																					
Weeks > 5 dBA increment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																					
Weeks > 18 dBA increment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																					
Weeks > 85 dBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																					

117 weeks >5 dBA
0 weeks >18 dBA
0 weeks > 85 dBA

Bldg 1	16.1																																	67.1	66.8	65.2	64.9	63.4	57.7	54.9	51.5																																
Bldg 1	17.4																																	65.9	65.6	63.9	63.7	62.2	56.5	53.6	50.3																																
Bldg 1	18.5																																	64.8	64.5	62.8	62.6	61.1	55.4	52.5	49.2																																
Bldg 2	16.1																																	67.9	67.5	64.6	64.5	63.2	56.9	54.2	52.7																																
Bldg 2	17.4																																	66.7	66.3	63.4	63.2	62.0	55.6	53.0	51.4																																
Bldg 2	18.5																																	65.6	65.2	62.3	62.1	60.9	54.5	51.9	50.3																																
Bldg 3	22.9																																	60.1	59.8	57.2	56.5	55.8	50.3	50.3	12.6																																
Bldg 3	23.5																																	59.5	59.2	56.6	55.9	55.2	49.7	49.7	12.0																																
Bldg 3	24.1																																	58.9	58.6	56.0	55.3	54.6	49.1	49.1	11.5																																
Bldg 4	19.1	62.2	56.2	52.7	63.6	62.2	62.0	59.6	59.3																																																																
Bldg 4	20.0	61.3	55.3	51.8	62.6	61.3	61.0	58.7	58.4																																																																
Bldg 4	20.8	60.5	54.5	50.9	61.8	60.5	60.2	57.8	57.5																																																																
Bldg 5	22.3																																	57.0	58.1	57.2	50.7	46.5	13.3																																		
Bldg 5	22.9																																	56.4	57.5	56.5	50.0	45.9	12.6																																		
Bldg 5	23.5																																	55.8	56.9	55.9	49.4	45.3	12.0																																		
School	22.4																																					58.5	58.0	50.4	49.9																																
School	23.0																																					57.8	57.4	49.8	49.3																																
School	23.6																																					57.2	56.8	49.2	48.7																																







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Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #538	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023				Weeks > 3 dBA																											
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																																
<b>Bldg 1</b>																																	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Building IL																																	51.2	50.9	49.2	49.0	47.5	41.8	38.9	35.6																												
Equipment (dBA)																																	51.2	50.9	49.2	49.0	47.5	41.8	38.9	35.6																												
<b>Bldg 2</b>																																	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000			
Distance																																	52.0	51.6	48.7	48.5	47.3	41.0	38.3	36.7																												
Building IL																																	52.0	51.6	48.7	48.5	47.3	41.0	38.3	36.7																												
Equipment (dBA)																																	52.0	51.6	48.7	48.5	47.3	41.0	38.3	36.7																												
<b>Bldg 3</b>																																	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000			
Distance																																	50.9	50.6	48.1	47.3	46.7	41.1	41.1	3.5																												
Building IL*																																	50.9	50.6	48.1	47.3	46.7	41.1	41.1	3.5																												
Equipment (dBA)																																	50.9	50.6	48.1	47.3	46.7	41.1	41.1	3.5																												
<b>Bldg 4</b>	760	760	760	760	760	760	760	760	760																																																											
Distance	10	10	10	10	10	10	10	10	10																																																											
Building IL*	10	10	10	10	10	10	10	10	10																																																											
Equipment (dBA)	51.4	45.4	41.9	52.7	51.4	51.1	48.7	48.5																																																												
<b>Bldg 5</b>																																	720	720	720	720	720	720	720																													
Distance																																	10	10	10	10	10	10	10																													
Building IL																																	49.8	50.9	49.9	43.5	39.3	6.1																														
Equipment (dBA)																																	49.8	50.9	49.9	43.5	39.3	6.1																														
<b>School</b>																																	890	890	890	890	890	890	890																													
Distance																																	10	10	10	10	10	10	10																													
Building IL																																	49.7	49.3	41.7	41.2																																
Equipment (dBA)																																	49.7	49.3	41.7	41.2																																
<b>Equipment subtotal</b>	51.4	45.4	41.9	52.7	53.7	54.0	52.4	49.6	39.3	9.6	50.9	50.6	48.1	47.3	46.7	41.1	41.1	8.6	7.8	52.0	51.6	48.7	48.5	47.3	41.0	38.3	36.7	51.2	50.9	49.2	52.4	51.5	44.8	43.2	35.6																																	
<b>Background Site #10</b>	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0																																	
<b>Total noise</b>	64.2	64.1	64.0	64.3	64.4	64.4	64.3	64.2	64.0	64.2	64.2	64.1	64.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.1	64.3	64.2	64.1	64.0	64.0																																	
<b>Increase</b>	0.2	0.1	0.0	0.3	0.4	0.3	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.1	0.3	0.2	0.1	0.0																																	
<b>Weeks &gt; 3 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		
<b>Weeks &gt; 18 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		

0 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	26.4																													56.8	56.5	54.8	54.6	53.1	47.4	44.5	41.2
	26.8																													56.4	56.1	54.4	54.2	52.7	47.0	44.1	40.8
	27.2																													56.0	55.7	54.1	53.8	52.3	46.6	43.7	40.4
<b>Bldg 2</b>	26.4																	57.6	57.2	54.3	54.1	52.9	46.6	43.9	42.3												
	26.8																	57.2	56.8	53.9	53.7	52.5	46.2	43.5	41.9												
	27.2																	56.8	56.4	53.5	53.3	52.1	45.8	43.1	41.6												
<b>Bldg 3</b>	26.4									56.5	56.2	53.7	53.0	52.3	46.8	46.8	9.1																				
	26.8									56.1	55.8	53.3	52.6	51.9	46.4	46.4	8.7																				
	27.2									55.8	55.4	52.9	52.2	51.5	46.0	46.0	8.3																				
<b>20log(dist+50/50)</b>	24.2	57.1	51.1	47.6	58.5	57.1	56.8	54.5	54.2																												
	24.7	56.6	50.6	47.1	57.9	56.6	56.3	53.9	53.7																												
	25.2	56.1	50.1	46.6	57.4	56.1	55.8	53.5	53.2																												
<b>Bldg 4</b>	23.8									55.5	56.6	55.7	49.2	45.1	11.8																						
	24.3									55.0	56.1	55.1	48.6	44.5	11.3																						
	24.8									54.5	55.6	54.6	48.1	44.0	10.7																						
<b>School</b>	25.5																	55.4	54.9	47.3	46.8																
	25.9																	54.9	54.5	46.9	46.4																
	26.4																	54.5	54.1	46.5	46.0																

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Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #53C	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																									
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																													
<b>Bldg 1</b>																													1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
Distance Building L																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Equipment (dBA)																													51.2	50.9	49.2	49.0	47.5	41.8	38.9	35.6																												
<b>Bldg 2</b>																													1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
Distance Building L																													52.0	51.6	48.7	48.5	47.3	41.0	38.3	36.7																												
Equipment (dBA)																																																																
<b>Bldg 3</b>																													1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
Distance Building L*																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Equipment (dBA)																													50.9	50.6	48.1	47.3	46.7	41.1	41.1	3.5																												
<b>Bldg 4</b>	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830	830																												
Distance Building L*	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10																												
Equipment (dBA)	50.7	44.7	41.2	52.1	50.7	50.4	48.1	47.8																																																								
<b>Bldg 5</b>																													790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790		
Distance Building L																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Equipment (dBA)																													49.1	50.2	49.2	42.7	38.6	5.3																														
<b>School</b>																													960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960		
Distance Building L																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Equipment (dBA)																													49.1	48.7	41.1	40.6																																
<b>Equipment subtotal</b>	50.7	44.7	41.2	52.1	53.0	53.3	51.7	49.0	38.6	9.3	50.9	50.6	48.1	47.3	46.7	41.1	41.1	8.6	7.8	52.0	51.6	48.7	48.5	47.3	41.0	38.3	36.7	51.2	50.9	49.2	52.1	51.2	44.5	42.8	35.6																													
<b>Background Site #10</b>	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0																													
<b>Total noise</b>	64.2	64.1	64.0	64.3	64.3	64.4	64.2	64.1	64.0	64.2	64.2	64.1	64.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.1	64.3	64.2	64.0	64.0																													
<b>Increase</b>	0.2	0.1	0.0	0.3	0.3	0.4	0.2	0.1	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.1	0.3	0.2	0.0	0.0																														
<b>Weeks &gt; 3 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																														
<b>Weeks &gt; 18 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																													
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																													

0 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	26.4	26.8	27.2															56.8	56.5	54.8	54.6	53.1	47.4	44.5	41.2							
<b>Bldg 2</b>	26.4	26.8	27.2															57.6	57.2	54.3	54.1	52.9	46.6	43.9	42.3							
<b>Bldg 3</b>	26.4	26.8	27.2															56.5	56.2	53.7	53.0	52.3	46.8	46.8	9.1							
<b>20log(dist+50/50)</b>																		56.1	55.8	53.3	52.6	51.9	46.4	46.4	8.7							
<b>Bldg 4</b>	24.9	56.4	50.4	46.9	57.7	56.4	56.1	53.7	53.5											56.8	55.4	52.9	52.2	51.5	46.0	46.0	8.3					
<b>Bldg 5</b>	25.4	55.9	49.9	46.4	57.3	55.9	55.6	53.3	53.0											57.2	56.8	53.9	53.7	52.5	46.2	43.5	41.9					
<b>School</b>	26.5	55.5	49.4	45.9	56.8	55.5	55.2	52.8	52.5											56.8	56.4	53.5	53.3	52.1	45.8	43.1	41.6					
	24.5																		54.3	55.4	54.4	47.9	43.8	10.5								
	25.0																		53.8	54.9	54.0	47.5	43.3	10.1								
	25.5																									54.8	54.3	46.7	46.2			
	26.1																									54.3	53.9	46.3	45.8			
	26.5																									53.9	53.5	45.9	45.4			
	26.9																															

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Distances from Property Line for Each 1/3

50 100 150

Receptor Group #548	2014			2015			2016			2017			2018			2019			2020			2021			2022			2023		Weeks > 3 dBA																																			
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																						
<b>Bldg 1</b>																													950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950										
Distance Building L																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10										
Equipment (dBA)																													51.6	51.3	49.6	49.4	47.9	42.2	39.3	36.0																													
<b>Bldg 2</b>																													860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860										
Distance Building L																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10										
Equipment (dBA)																													53.2	52.8	49.9	49.7	48.5	42.2	39.5	37.9																													
<b>Bldg 3</b>																													870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870										
Distance Building L*																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10										
Equipment (dBA)																													52.0	51.7	49.2	48.4	47.8	42.2	42.2	4.6																													
<b>Bldg 4</b>																													590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590										
Distance Building L*																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10										
Equipment (dBA)																													53.3	47.3	43.8	54.7	53.3	53.1	50.7	50.4																													
<b>Bldg 5</b>																													550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550										
Distance Building L																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10										
Equipment (dBA)																													51.8	52.9	52.0	45.5	41.4	8.1																															
<b>School</b>																													720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720										
Distance Building L																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10										
Equipment (dBA)																													51.4	50.9	43.3	42.8																																	
<b>Equipment subtotal</b>																													53.3	47.3	43.8	54.7	55.7	56.0	54.4	51.6	41.4	10.6	52.0	51.7	49.2	48.4	47.8	42.2	42.2	9.0	7.8	53.2	52.8	49.9	49.7	48.5	42.2	39.5	37.9	51.6	51.3	49.6	9.0	53.5	52.7	45.8	44.4	36.0	
<b>Background Site #10</b>																													64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
<b>Total noise</b>																													64.4	64.1	64.0	64.5	64.6	64.6	64.5	64.2	64.0	64.3	64.2	64.1	64.1	64.1	64.0	64.0	64.0	64.0	64.0	64.0	64.3	64.3	64.2	64.2	64.1	64.0	64.0	64.0	64.2	64.2	64.2	64.4	64.0	64.3	64.1	64.0	64.0
<b>Increase</b>																													0.4	0.1	0.0	0.5	0.6	0.5	0.2	0.0	0.0	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.2	0.2	0.2	0.4	0.3	0.1	0.0	0.0		
<b>Weeks &gt; 3 dBA increment</b>																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 18 dBA increment</b>																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 85 dBA</b>																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

0 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	26.0																					57.3	56.9	55.3	55.0	53.5	47.9	45.0	41.7
	26.4																					56.8	56.5	54.8	54.6	53.1	47.4	44.5	41.2
	26.8																					56.4	56.1	54.4	54.2	52.7	47.0	44.1	40.8
<b>Bldg 2</b>	29.2													58.8	58.5	55.6	55.4	54.2	47.8	45.2	43.6								
	29.7													58.4	58.0	55.1	54.9	53.7	47.4	44.7	43.1								
	26.1													57.9	57.6	54.7	54.5	53.3	46.9	44.3	42.7								
<b>Bldg 3</b>	25.3													57.7	57.4	54.8	54.1	53.4	47.9	47.9	10.3								
	25.8													57.2	56.9	54.4	53.6	53.0	47.4	47.4	9.8								
	26.2													56.8	56.5	53.9	53.2	52.5	47.0	47.0	9.4								
<b>20log(dist+50/50)</b>																													
<b>Bldg 4</b>	22.1	59.2	53.1	49.6	60.5	59.2	58.9	56.5	56.2																				
	22.8	58.5	52.5	49.0	59.8	58.5	58.2	55.9	55.6																				
	23.4	57.9	51.9	48.4	59.2	57.9	57.6	55.3	55.0																				
<b>Bldg 5</b>	21.6													57.7	58.8	57.9	51.4	47.2	14.0										
	22.3													57.0	58.1	57.2	50.7	46.5	13.3										
	22.9													56.4	57.5	56.5	50.0	45.9	12.6										
<b>School</b>	23.8																			57.1	56.7	49.1	48.6						
	24.3																			56.6	56.1	48.5	48.0						
	24.8																			56.1	55.6	48.0	47.5						

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Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #54C	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																													
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	1	2																																			
<b>Bldg 1</b>																																	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000					
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10					
Building L																																	51.2	50.9	49.2	49.0	47.5	41.8	38.9	35.6																												
Equipment (dBA)																																	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930					
<b>Bldg 2</b>																																	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940				
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10					
Building L																																	52.6	52.2	49.3	49.1	47.9	41.5	38.9	37.3																												
Equipment (dBA)																																	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660				
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10				
Building L																																	52.5	46.5	42.9	53.8	52.5	52.2	49.8	49.5																												
Equipment (dBA)																																	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620				
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10				
Building L																																	50.9	52.0	51.1	44.6	40.5	7.2																														
Equipment (dBA)																																	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790				
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10				
Building L																																	50.7	50.2	42.6	42.1																																
Equipment (dBA)																																	52.5	46.5	42.9	53.8	54.8	55.1	53.5	50.7	40.5	10.1	51.4	51.1	48.5	47.8	47.2	41.6	41.6	8.8	7.8	52.6	52.2	49.3	49.1	47.9	41.5	38.9	37.3	51.2	50.9	49.2	52.9	52.1	45.2	43.8	35.6	
Equipment subtotal																																	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0		
Background Site #10																																	64.3	64.1	64.0	64.4	64.5	64.4	64.2	64.0	64.2	64.1	64.1	64.1	64.0	64.0	64.3	64.1	64.1	64.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.1	64.3	64.3	64.1	64.0	64.0	
Total noise																																	0.3	0.1	0.0	0.4	9.5	0.5	0.4	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.1	0.3	0.3	0.1	0.0	0.0
Increase																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weeks > 3 dBA increment																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weeks > 18 dBA increment																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weeks > 85 dBA																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

0 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	26.4	26.8	27.2																	56.8	56.5	54.8	54.6	53.1	47.4	44.5	41.2		
<b>Bldg 2</b>	25.8	26.3	26.7																	56.4	56.1	54.4	54.2	52.7	47.0	44.1	40.8		
<b>Bldg 3</b>	25.9	26.4	26.8	57.1	56.7	54.2	53.5	52.8	47.3	47.3	9.6											56.0	55.7	54.1	53.8	52.3	46.6	43.7	40.4
<b>Bldg 4</b>	23.0	23.6	24.2	58.3	52.2	48.7	59.6	58.3	58.0	55.6	55.3											57.4	57.0	54.1	53.9	52.7	46.3	43.7	42.1
<b>Bldg 5</b>	22.5	23.2	23.8	56.7	57.9	56.9	50.4	46.3	13.0													57.8	57.4	54.5	54.3	53.1	46.8	44.1	42.5
<b>School</b>	24.5	25.0	25.5	55.5	56.6	55.7	49.2	45.1	11.8													57.4	56.9	54.8	54.8	53.1	46.8	44.1	42.5

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Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #56A	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																															
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																			
<b>Bldg 1</b>																																	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720		
Distance Building L																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Equipment (dBA)																																	58.8	58.4	56.8	56.6	55.1	49.4	46.5	43.2																														
<b>Bldg 2</b>																																	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640
Distance Building L																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Equipment (dBA)																																	60.5	60.1	57.2	57.0	55.8	49.4	46.8	45.2																														
<b>Bldg 3</b>																																	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680
Distance Building L*																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Equipment (dBA)																																	58.9	58.6	56.1	55.3	54.7	49.1	49.1	11.5																														
<b>Bldg 4</b>																																	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	
Distance Building L*																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Equipment (dBA)																																	61.5	55.5	52.0	62.9	61.5	61.3	58.9	58.6																														
<b>Bldg 5</b>																																	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	
Distance Building L																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Equipment (dBA)																																	59.5	60.6	59.7	53.2	49.0	15.8																																
<b>School</b>																																	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540		
Distance Building L																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Equipment (dBA)																																	58.5	58.1	50.5	50.0																																		
<b>Equipment subtotal</b>	61.5	55.5	52.0	62.9	63.6	64.0	62.3	59.7	49.0	16.3	58.9	58.6	56.1	55.3	54.7	49.1	49.1	12.8	7.8	60.5	60.1	57.2	57.0	55.8	49.4	46.8	45.2	58.8	58.4	56.8	56.6	60.7	59.9	53.0	51.6	43.2																																		
<b>Background Site #3</b>	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9																																		
<b>Total noise</b>	68.0	67.2	67.0	68.3	68.6	68.7	68.2	67.2	67.0	66.9	67.5	67.5	67.2	67.2	67.0	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9																																		
<b>Increase</b>	1.1	0.3	0.1	1.4	1.8	1.3	0.8	0.1	0.0	0.6	0.6	0.3	0.3	0.3	0.1	0.1	0.0	0.0	0.9	0.8	0.4	0.4	0.3	0.1	0.0	0.0	0.6	0.6	0.4	0.9	0.8	0.2	0.1	0.0																																				
<b>Weeks &gt; 3 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																			
<b>Weeks &gt; 18 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																			
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																			

0 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	23.8	24.3	24.8																									59.5	59.2	57.5	57.3	55.8	50.1	47.2	43.9																															
<b>Bldg 2</b>	22.8	23.4	24.0																	61.3	60.9	58.0	57.8	56.6	50.2	47.8	46.0	58.5	58.1	56.5	56.3	54.8	49.1	46.2	42.9																															
<b>Bldg 3</b>	23.3	23.9	24.4													59.7	59.4	56.8	56.1	55.4	49.9	49.9	12.3																																											
<b>20log(dist+50/50)</b>																																	59.1	58.8	56.3	55.5	54.9	49.3	49.3	11.7																										
<b>Bldg 4</b>	18.7	19.6	20.5	62.6	56.6	53.1	64.0	62.6	62.3	60.0	59.7																																																							
<b>Bldg 5</b>	18.7	19.6	20.5	60.8	54.8	51.3	62.1	60.8	60.5	58.2	57.9																																																							
<b>School</b>	21.4	22.1	22.8																									59.6	59.3	55.7	55.0	54.3	48.8	48.8	11.2																															
																																	59.6	60.8	59.8	53.3	49.2	15.9																												
																																	58.8	59.9	58.9	52.4	48.3	15.0																												
																																	59.4	59.0	51.4	50.9																														
																																	58.7	58.3	50.7	50.2																														
																																	58.1	57.6	50.0	49.5																														







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Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #57A Noise Source	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																										
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																														
Bldg 1 Distance Building IL Equipment (dBA)																																	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650
Bldg 2 Distance Building IL Equipment (dBA)																																	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640
Bldg 3 Distance Building IL* Equipment (dBA)																																	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
Bldg 4 Distance Building IL* Equipment (dBA)	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400																														
Bldg 5 Distance Building IL Equipment (dBA)																																	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480
School Distance Building IL Equipment (dBA)																																	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620
Equipment subtotal	61.2	55.1	51.6	62.5	62.8	63.0	61.3	59.1	47.4	14.9	53.7	53.4	50.8	50.1	49.5	43.9	43.9	9.7	7.8	55.5	55.1	52.2	52.0	50.8	44.4	41.8	40.2	54.6	54.2	52.6	52.4	50.9	45.2	42.3	39.0																														
Background Site #3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9																														
Total noise	67.9	67.2	67.0	68.2	68.3	68.4	67.9	66.9	67.1	67.1	67.0	67.0	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9																														
Increase	1.0	0.3	0.1	1.3	1.4	1.5	1.0	0.7	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.2	0.1	0.0	0.0																														
Weeks > 3 dBA increment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																													
Weeks > 18 dBA increment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																													
Weeks > 85 dBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																													

Bldg 1	22.9																	60.3	60.0	58.4	58.1	56.6	51.0	48.1	44.7								
Bldg 2	22.8																	61.3	60.9	58.0	57.8	56.6	50.2	47.8	46.0								
Bldg 3	23.5																	59.5	59.2	56.6	55.9	55.2	49.7	49.7	12.0								
20log(dist+50/50)	24.1																	58.9	58.6	56.0	55.3	54.6	49.1	49.1	11.5								
Bldg 4	24.0																	58.4	58.1	55.5	54.8	54.1	48.6	48.6	10.9								
Bldg 5	19.1	62.2	56.2	52.7	63.6	62.2	62.0	59.6	59.3																	60.1	59.7	56.8	56.6	55.4	49.1	46.4	44.8
School	20.0	61.3	55.3	51.8	62.6	61.3	61.0	58.7	58.4																	59.7	59.4	57.8	57.5	56.0	50.4	47.5	44.1
	20.8	60.5	54.5	50.9	61.8	60.5	60.2	57.8	57.5																	59.2	58.9	57.2	57.0	55.5	49.8	46.9	43.6
	20.5																	60.6	60.3	57.4	57.2	56.0	49.6	47.0	45.4								
	21.3																	60.1	59.7	56.8	56.6	55.4	49.1	46.4	44.8								
	22.0																	60.1	59.7	56.8	56.6	55.4	49.1	46.4	44.8								
	22.5																	60.1	59.7	56.8	56.6	55.4	49.1	46.4	44.8								
	23.2																	60.1	59.7	56.8	56.6	55.4	49.1	46.4	44.8								
	23.8																	60.1	59.7	56.8	56.6	55.4	49.1	46.4	44.8								
																		58.3	57.9	50.3	49.8												
																		57.7	57.3	49.7	49.2												
																		57.1	56.7	49.1	48.6												









Atlantic Ocean Building

Year	Operating Costs		Administration		Marketing		Insurance		Utilities		Maintenance		Professional Fees		Miscellaneous		Total
	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	
2014	15	15	20	20	10	10	10	10	10	10	10	10	10	10	10	10	200
2015	15	15	20	20	10	10	10	10	10	10	10	10	10	10	10	10	200
2016	15	15	20	20	10	10	10	10	10	10	10	10	10	10	10	10	200
2017	15	15	20	20	10	10	10	10	10	10	10	10	10	10	10	10	200

Notes:

2014 2015 2016 2017

Year	2014	2015	2016	2017
Total	200	200	200	200







2014	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
2015	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
2016	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52

2014
2015
2016
2017
2018
2019
2020
2021
2022
2023

2017	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
2018	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
2019	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52



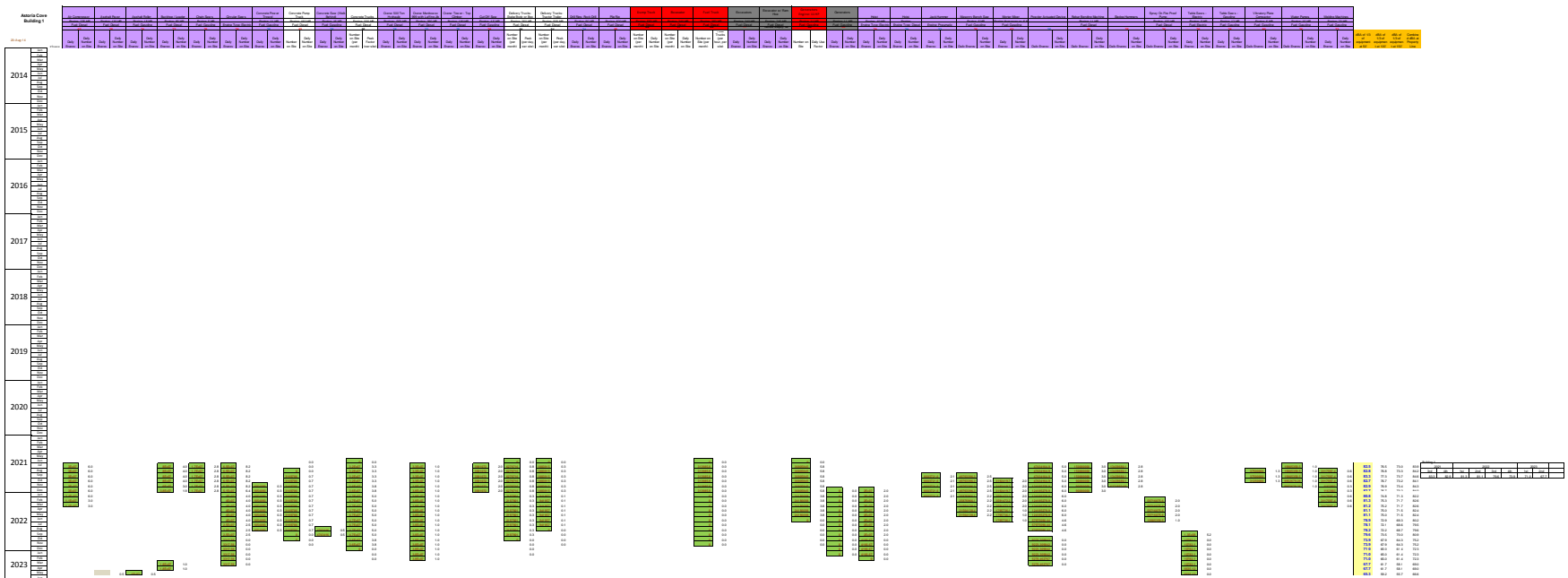






Assess Code	Building 1	Air Conditioning		Elevator		Fire Alarm		Fire Protection		Mechanical		Plumbing		Roofing		Structural		Electrical		HVAC		Interior		Exterior		Site Work		Other		Total		Total		Total		Total		Total				
		Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail	Estimate	Detail					
		Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month	Year	Month			
2014	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2015	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2016	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2017	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2018	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2019	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2020	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2021	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2022	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2023	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42

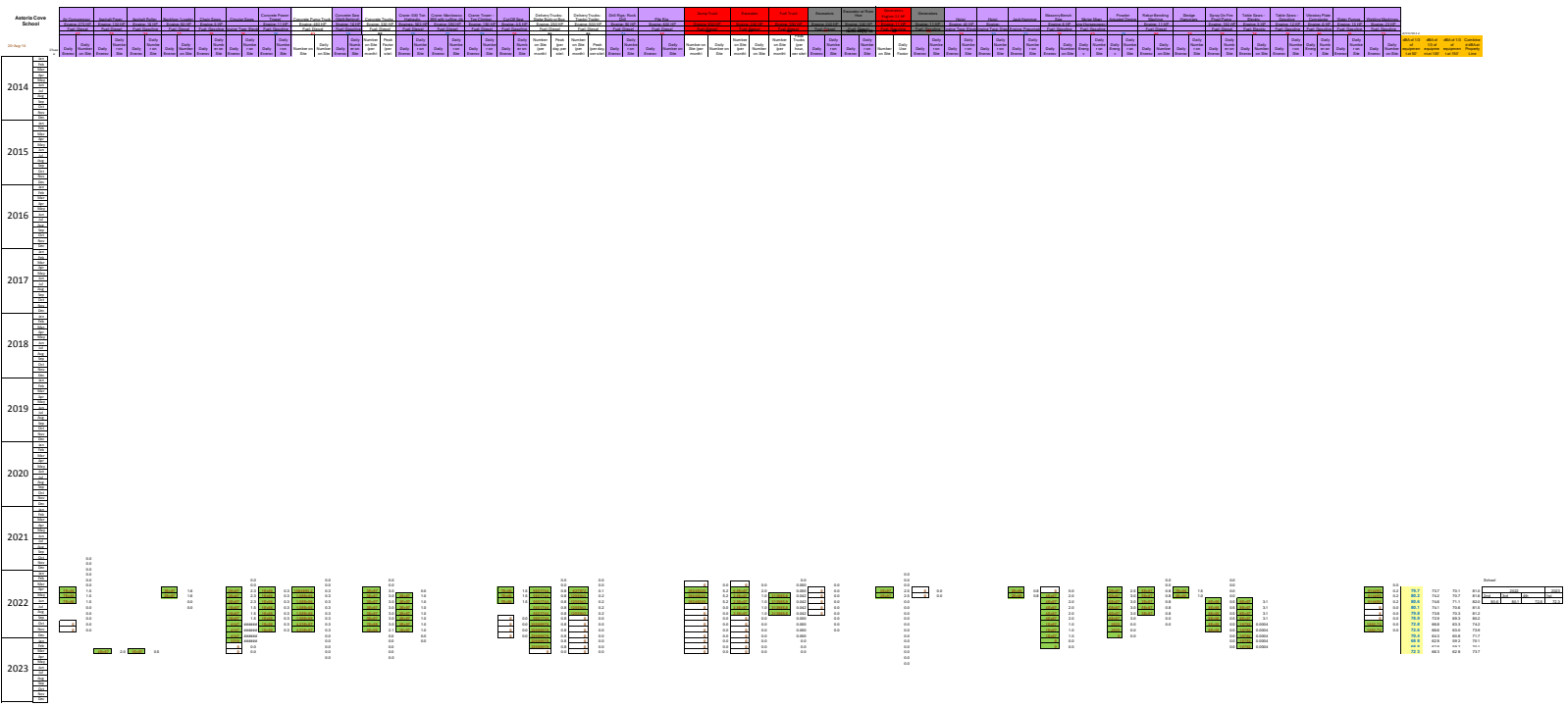
Sheet1  
**Aspirin Case**  
**Building 1**







2023-24  
Abwickler School





**Note: This table is out of date and should not be used**

Receptor Group	Receptor Group Description	Maximum Leq, dBA	Impact Criterion >3 dBA				Impact Criterion >18 dBA		Impact Criterion >85 dBA		Peak Quarter	Noise Source Bldg #
			Range > 3 dBA	Duration (Weeks)	Most Collective Weeks	Duration (Weeks)	Duration (Weeks)	Duration (Weeks)				
									Total Project			
ZNW	New Building 2 - NW Face	82.0	20.5	104	91	52	0	0	0	3rd Q 2021	1	
ZSE	New Building 2 - SE corner	72.7	11.2	52	52	0	0	0	0	3rd Q 2022	School	
ZW	New Building 3 - West Face	79.1	17.6	156	195	0	0	0	0	3rd Q 2019	2	
4N	New Building 4 - North Face	80.1	18.6	195	182	26	0	0	0	3rd Q 2019	2	
4E	New Building 4 - East Face	75.2	12.1	117	91	0	0	0	0	2nd Q 2017	3	
5E	New Building 5 - East Face	80.2	17.1	117	65 (91)	0	0	0	0	3rd Q 2022	School	
5N	New Building 5 - North Face	78.2	13.1	247	91	0	0	0	0	3rd Q 2022	School	
5W	New Building 5 - West Face	75.2	13.7	91	65 (91)	0	0	0	0	3rd Q 2019	2	
6*	High Rise (404 units) at 25-40 Shore Blvd	75.1	13.8	208	91	0	0	0	0	2nd Q 2017	3	
7	3 res units on east side 8th St north of 20th Ave	70.8	7.7	169	91	0	0	0	0	2nd Q 2017	3	
8	10 res units on east side 9th St south of 20th Ave	70.0	6.9	195	91	0	0	0	0	2nd Q 2017	3	
9	7 res units on east side 9th St between 26th & 27th Aves	69.3	6.2	104	65 (91)	0	0	0	0	4th Q 2015	4 & 5	
10	Mid-Rise (108 units) at NE corner 9th St & 27th	70.2	7.1	156	65	0	0	0	0	4th Q 2015	4 & 5	
11*	22 res units at NW corner of 27th Ave & 12th St	65.4	4.7	39	39	0	0	0	0			
12*	15 res units on west side 12th St between	63.1	2.4	0	0	0	0	0	0			
13*	54 res units on west side 12th St at 26th Ave	67.2	6.5	104	39	0	0	0	0			
14*	mid-rise (54 units) at SW corner of Astoria Park St & 14th St	64.7	4.0	13	0	0	0	0	0			
15*	24 res units on west side of 14th St north of 27th St	66.9	6.2	39	39	0	0	0	0			
16	19 res units on east side of 12th St north of 26th Ave	68.7	6.2	65	65	0	0	0	0		13	
17	2 res units at SW corner of 12th St & 27th Ave	67.8	0.3	0	0	0	0	0	0		4	
18	Church at SE corner of 27th Ave & Blackwells Lane	67.8	0.3	0	0	0	0	0	0		4	
19	3 res units at SE corner 27th Ave & 9th St	68.0	0.5	0	0	0	0	0	0		4	
20	High Rise (171 units) at SE corner 27th Ave & 8th St	72.9	1.8	0	0	0	0	0	0		9	
21	21 res units at NE corner of 8th St & Astoria Blvd	66.5	2.5	0	0	0	0	0	0		10	
22	Mid rise (128 units) at NW corner of 9th St & 27th Ave	76.3	14.8	286	117	0	0	0	0	4th Q 2015	4 & 5	
23	25 res units on west side of 9th St between 26th & 27th	74.2	12.7	221	117	0	0	0	0	4th Q 2015	4 & 5	
24	38 res units on the north side of 27th Ave west of 8th St	67.8	6.3	78	65 (104)	0	0	0	0	4th Q 2015	4 & 5	
25	High Rise (208 units) at NE corner of 27th Ave and 4th St	73.1	11.6	247	65 (104)	0	0	0	0	4th Q 2015	4 & 5	
26N	Bethel of America Residential Rehabilitation	#REF!	#REF!	#REF!	208	#REF!	#REF!	0	0	3rd Q 2021	1	
26E		#REF!	#REF!	#REF!	208	#REF!	#REF!	0	0	3rd Q 2021	1	
27	4 res units west side of 4th St between 26th & 27th Aves	74.9	0.5	0	0	0	0	0	0		7	
28**	6 res units at SE corner 26th Ave and 3rd St	67.7	8.2	117	78 (169)	0	0	0	0	3rd Q 2021	1	
29**	14 res units east side of 3rd St between 26th & 27th Aves	63.9	4.4	0	65	0	0	0	0		2	
30**	2 res units east side of 3rd St between 26th & 27th Aves	69.9	3.0	13	0	0	0	0	0		3	
31**	3 res units west side of 3rd St between 26th & 27th Aves	64.9	5.4	52	26	0	0	0	0		2	
53B	Halleys Point Receptor - existing building	66.7	0.2	0	0	0	0	0	0		10	
53C	Halleys Point Receptor - existing building	66.7	0.2	0	0	0	0	0	0		10	
54B	Halleys Point Receptor - existing building	66.8	0.3	0	0	0	0	0	0		10	
54C	Halleys Point Receptor - existing building	66.7	0.2	0	0	0	0	0	0		10	
56A	Halleys Point Receptor - existing building	69.6	1.0	0	0	0	0	0	0		3	
56B	Halleys Point Receptor - existing building	74.0	0.4	0	0	0	0	0	0		3	
56C	Halleys Point Receptor - existing building	73.8	0.2	0	0	0	0	0	0		9	
57A	Halleys Point Receptor - existing building	69.4	0.8	0	0	0	0	0	0		3	
57B	Halleys Point Receptor - existing building	69.5	0.9	0	0	0	0	0	0		3	
N7A	Halleys Point Receptor - proposed building	70.1	1.5	0	0	0	0	0	0		3	
N7B	Halleys Point Receptor - proposed building	70.3	1.7	0	0	0	0	0	0		3	

\* criterion is <4 dBA  
 \*\* criterion is <5 dBA  
 \*\*\* values in parentheses represent potential values with only slight changes in equipment

This is valid  
 Background Noise Sheet

Site	Existing
1	63.1
2	59.5
3	66.9
4	67.5
5	60.7
6	na
7	74.4
8	61.5
9	71.1
10	64.0
11	57.6
12	55.3
13	62.5
14	63.0

**Notes:**

The following sites were very close, yet had very different values:

#1 (63.1 dBA) and #12 (55.3 dBA)

We used #1 because it was more consistent with adjacent values and was representative of a period when construction activity would be taking place

It is also more conservative because the impact criterion is 3 dBA rather than 5 dBA

#5 (60.7 dBA) and #11 (57.6 dBA)

We used #5 because it was more consistent with adjacent values and was representative of a period when construction activity would be taking place

It is also more conservative because the impact criterion is 3 dBA rather than 5 dBA

#7 (74.4 dBA) was anomalous. It fairly near #2 (59.5 dBA).

We used #7 only for Receptor Group 27, which is directly across the street, and used #2 for the others in the area.

We did an alt for RG 27 using the Background at #2. The longest period that 5 dBA was exceeded was 65 weeks, and there was still no impact.

Thus, we are very comfortable with our previous results.

20-Aug-14

Distances from Property Line for Each 1/3  
50 100 150

Receptor Group - Building 3 west face	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023				Weeks > 3 dBA
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
<b>Bldg 1</b>																																									
Distance																																									
Equipment (dBA)																																									
Bldg 2																																									
Distance																																									
Equipment (dBA)																																									
Bldg 3																																									
Distance																																									
Equipment (dBA)																																									
Bldg 4																																									
Distance																																									
Equipment (dBA)																																									
Bldg 5																																									
Distance																																									
Equipment (dBA)																																									
School																																									
Distance																																									
Equipment (dBA)																																									
Equipment subtotal																																									
Background Site dB																																									
Total noise																																									
Increase																																									
Weeks > 3 dBA increment																																									
> 18 dBA increment																																									
Weeks > 95 dBA																																									
Bldg 1																																									
Bldg 2																																									
Bldg 3																																									
Bldg 4																																									
Bldg 5																																									
School																																									

Values are increased by 5.4 for CdnA results

104 weeks > 3 dBA
52 weeks > 18 dBA
0 weeks > 95 dBA

73.7	73.4	71.7	71.5	70.0	64.3	61.4	58.1
71.2	70.9	69.2	69.0	67.5	61.8	58.9	55.6
69.3	69.0	67.3	67.1	65.6	59.9	57.0	53.7

Receptor Group - Building SE corner	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023				Weeks > 3 dBA																								
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																													
<b>Bldg 1</b>																																	10000																																
Distance																																	0																																
Equipment (dBA)																																	0																																
<b>Bldg 2</b>																																	10000																																
Distance																																	0																																
Equipment (dBA)																																	0																																
<b>Bldg 3</b>																																	10000																																
Distance																																	0																																
Equipment (dBA)																																	0																																
<b>Bldg 4</b>																																	10000																																
Distance																																	0																																
Equipment (dBA)																																	0																																
<b>Bldg 5</b>																																	10000																																
Distance																																	0																																
Equipment (dBA)																																	0																																
<b>School</b>																																	120																																
Distance																																	0																																
Equipment (dBA)																																	0																																
<b>Equipment subtotal</b>																																	73.0																																
<b>Background site dB</b>																																	61.5																																
<b>Total noise</b>																																	61.5																																
<b>Increase</b>																																	0.0																																
<b>Weeks &gt; 3 dBA increment</b>																																	0																																
<b>Weeks &gt; 18 dBA increment</b>																																	0																																
<b>Weeks &gt; 85 dBA</b>																																	0																																

52 weeks > 3 dBA  
0 weeks > 18 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	46.1																													37.2	38.9	35.2	35.0	33.5	27.8	24.9	21.6
<b>Bldg 2</b>	46.1																													37.2	36.8	35.2	35.0	33.5	27.8	24.9	21.6
<b>Bldg 3</b>	46.1																													37.2	36.8	35.1	34.9	33.4	27.7	24.8	21.5
<b>Bldg 4</b>	46.1	35.2	29.2	25.7	36.6	35.2	35.0	32.6	32.3																												
<b>Bldg 5</b>	46.1	35.2	29.1	25.6	36.5	35.2	34.9	32.5	32.2																												
<b>School</b>	10.6																													70.0	69.5	62.2	61.7				

20-Aug-14

Distances from Property Line for Each 1/3

50 100 150

Receptor Group - Building 3 west face	2014	2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2					
Bldg 1 Distance																																				
Bldg 1 Building IL - Equipment (dBA)																																				
Bldg 2 Distance																																				
Bldg 2 Building IL - Equipment (dBA)																																				
Bldg 3 Distance																																				
Bldg 3 Building IL - Equipment (dBA)																																				
Bldg 4 Distance																																				
Bldg 4 Building IL - Equipment (dBA)																																				
Bldg 5 Distance																																				
Bldg 5 Building IL - Equipment (dBA)																																				
School Distance																																				
School Building IL - Equipment (dBA)																																				
Equipment subtotal																																				
Background Site #8																																				
Total noise																																				
Increase																																				
Weeks > 3 dBA increment																																				
Weeks > 10 dBA increment																																				
Weeks > 85 dBA																																				
Interior Noise Level with 28 dBA																																				

Bldg 1	14.0																															
	15.6																															
	16.9																															
Bldg 2	6.8																															
	10.1																															
	12.5																															
Bldg 3	46.1																															
	46.1																															
	46.1																															
Bldg 4	46.1																															
	46.1																															
	46.1																															
Bldg 5	46.1																															
	46.1																															
	46.1																															
School	6.8																															
	10.1																															
	12.5																															

156 weeks > 3 dBA  
 0 weeks > 10 dBA  
 0 weeks > 85 dBA







20-Aug-14 Distances from Property Line for Each 1/3  
50 100 150

Receptor Group - Building 5 West Face	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																											
Noise Source	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																															
<b>Bldg 1</b>																																	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800				
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Building IL																																	63.0	62.6	61.0	60.8	59.3	53.6	50.7	47.4																										
Equipment (dBA)																																	70.9	70.5	67.6	67.4	66.2	59.9	57.2	55.6																										
<b>Bldg 2</b>																																	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300		
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Building IL																																	69.8	69.5	67.0	66.2	66.6	60.0	60.0	22.4																										
Equipment (dBA)																																	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300		
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Building IL*																																	69.8	69.5	67.0	66.2	66.6	60.0	60.0	22.4																										
Equipment (dBA)	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000																																
Distance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																															
Building IL*	40.0	34.0	30.4	41.3	40.0	39.7	37.0																																																											
Equipment (dBA)	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000																																
Distance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																															
Building IL	38.0	39.1	38.1	31.6	27.5	-5.8																																																												
Equipment (dBA)	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000																																
Distance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																															
Building IL	39.3	38.8	31.5	31.0																																																														
Equipment (dBA)	71	70.6	67.6	67.4	66.2																																																													
Distance	74.6	71.6	71.4	70.2	59.9	57.2	55.6	63.0	62.6	61.0	60.8	59.3	53.6	50.7	47.4																																																			
Building IL	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5																															
Equipment (dBA)	79.2	74.8	72.8	71.8	70.7	63.8	62.9	62.5	65.3	65.1	64.3	64.2	63.5	62.2	61.8	61.7																																																		
Distance	13.7	13.3	10.5	10.3	9.2	2.3	1.4	1.0	3.8	3.6	2.8	2.7	2.0	0.7	0.3	0.2																																																		
Building IL	13	13	13	13	13	13	0	0	13	13	0	0	0	0	0	0																																																		
Equipment (dBA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				91																														
Distance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				0																														
Building IL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				0																														
Equipment (dBA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				0																														

<b>Bldg 1</b>	24.6																58.7	58.3	56.7	56.5	55.0	49.3	46.4	43.1																	
	25.1																58.2	57.8	56.2	56.0	54.5	48.8	45.9	42.6																	
	25.6																57.7	57.4	55.7	55.5	54.0	48.3	45.4	42.1																	
<b>Bldg 2</b>	16.9																67.1	66.8	63.9	63.7	62.5	56.1	53.5	51.9																	
	18.1																66.0	65.6	62.7	62.5	61.3	55.0	52.3	50.7																	
	19.1																65.0	64.6	61.7	61.5	60.3	53.9	51.3	49.7																	
<b>Bldg 3</b>	16.9																66.1	65.8	63.2	62.5	61.8	56.3	56.3	18.7																	
	18.1																64.9	64.6	62.1	61.3	60.7	55.1	55.1	17.5																	
	19.1																63.9	63.6	61.0	60.3	59.6	54.1	54.1	16.5																	
	20log(dist+50/50)																																								
<b>Bldg 4</b>	46.1	35.2	29.2	25.7	36.6	35.2	35.0	32.6	32.3																																
	46.1	35.2	29.2	25.7	36.5	35.2	34.9	32.6	32.3																																
	46.1	35.2	29.1	25.6	36.5	35.2	34.9	32.5	32.2																																
<b>Bldg 5</b>	46.1																33.2	34.3	33.4	28.9	22.8	-10.5																			
	46.1																33.2	34.3	33.3	26.8	22.7	-10.6																			
	46.1																33.1	34.2	33.3	26.8	22.7	-10.6																			
<b>School</b>	46.1																							34.5	34.1	26.8	26.3														
	46.1																							34.5	34.0	26.7	26.2														
	46.1																							34.5	34.0	26.7	26.2														

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Receptor Group #6	2014			2015			2016			2017			2018			2019			2020			2021			2022			2023			Weeks > 3 dBA																										
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3																													
<b>Bldg 1</b>																												750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	
Distance Building L																												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment (dBA)																												63.5	63.1	61.5	61.3	59.8	54.1	51.2	47.9																						
<b>Bldg 2</b>																												250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Distance Building L																												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment (dBA)																												72.1	71.7	68.8	68.6	67.4	61.1	58.4	56.8																						
<b>Bldg 3</b>																												85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85
Distance Building L*																												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment (dBA)																												77.1	76.8	74.2	73.5	72.8	67.3	67.3	29.6																						
<b>Bldg 4</b>	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000																										
Distance Building L*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																										
Equipment (dBA)	40.0	34.0	30.4	41.3	40.0	39.7	37.3	37.0																																																	
<b>Bldg 5</b>																												10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
Distance Building L																												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment (dBA)																												38.0	39.1	38.1	31.6	27.5	-5.8																								
<b>School</b>																												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distance Building L																												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipment (dBA)																												82.0	81.5	74.2	73.7																										
<b>Equipment subtotal</b>	40.0	34.0	30.4	41.3	42.1	42.4	40.7	38.1	27.5	7.2	79.0	78.7	76.1	75.4	74.7	69.2	69.2	29.7	7.8	74.9	74.5	71.6	71.4	70.2	63.9	61.2	59.6	63.5	63.1	61.5	76.0	76.0	74.2	73.7	47.9																						
<b>Background Site #1</b>	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1																						
<b>Total noise</b>	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	63.1	63.1	70.2	74.8	72.2	72.0	71.0	66.5	65.3	64.7	66.3	66.1	65.4	76.2	76.2	74.5	74.0	63.2																						
<b>Increase</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	10.0	10.0	10.0	10.0	0.0	0.0	12.1	11.7	9.1	8.9	7.9	3.4	2.2	1.6	3.2	3.0	2.3	13.1	13.1	11.4	10.9	0.1																							
<b>Weeks &gt; 3 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	13	13	13	13	13	13	0	0	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	0																							
<b>Weeks &gt; 18 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
<b>20log(dist+50/50)</b>																												59.2	58.9	57.2	57.0	55.5	49.8	46.9	43.6																						
<b>Bldg 1</b>	24.1	24.6	25.1																																																						
<b>Bldg 2</b>	15.6	16.9	18.1																																																						
<b>Bldg 3</b>	8.6	11.4	13.4	74.4	74.1	71.5	70.8	70.1	64.6	64.6	26.9	68.5	68.1	65.2	65.0	63.8	67.5	64.8	63.2	67.1	66.8	63.9	63.7	62.5	56.1	53.5	51.9	58.2	57.8	56.2	56.0	54.5	48.8	45.9	42.6																						
<b>Bldg 4</b>	46.1	46.1	46.1	33.2	34.3	33.4	28.9	22.8	-10.5	66.0	65.6	62.7	62.5	61.3	55.0	52.3	50.7																																								
<b>Bldg 5</b>	46.1	46.1	46.1	33.2	34.3	33.4	28.9	22.8	-10.5	69.5	69.2	66.7	66.0	65.3	59.8	59.8	22.1																																								
<b>School</b>	0.0	6.0	9.5	33.1	34.2	33.3	26.8	22.7	-10.6											80.6	80.1	72.8	72.3	74.6	74.1	66.8	66.3	71.1	70.6	63.3	62.8																										



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Receptor Group #6	Noise Source	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2					
Bidg 1	Distance	420				420				420				420				420				420				420				420				420						
	Building IL	0				0				0				0				0				0				0				0				0						
Equipment (dBA)		65.8	59.8	56.3	67.2	65.8	65.5	63.2	62.9																															
Bidg 2	Distance	420				420				420				420				420				420				420				420				420						
	Building IL	0				0				0				0				0				0				0				0				0						
Equipment (dBA)		65.8	59.8	56.3	67.2	65.8	65.5	63.2	62.9																															
Bidg 3	Distance	420				420				420				420				420				420				420				420				420						
	Building IL*	0				0				0				0				0				0				0				0				0						
Equipment (dBA)		65.8	59.8	56.3	67.2	65.8	65.5	63.2	62.9	77.1	76.8	74.2	73.5	72.8	67.3	67.3	29.6																							
Bidg 4	Distance	420				420				420				420				420				420				420				420				420						
	Building IL	0				0				0				0				0				0				0				0				0						
Equipment (dBA)		65.8	59.8	56.3	67.2	65.8	65.5	63.2	62.9																															
Bidg 5	Distance	420				420				420				420				420				420				420				420				420						
	Building IL	0				0				0				0				0				0				0				0				0						
Equipment (dBA)		65.8	59.8	56.3	67.2	65.8	65.5	63.2	62.9																															
School	Distance	420				420				420				420				420				420				420				420				420						
	Building IL	0				0				0				0				0				0				0				0				0						
Equipment (dBA)		65.8	59.8	56.3	67.2	65.8	65.5	63.2	62.9																															
Equipment subtotal		64.0	59.8	56.3	67.2	67.3	68.0	66.6	62.5	57.7	24.5	75.0	74.7	72.1	71.4	70.7	65.2	65.2	29.7	7.8	66.0	65.6	62.7	62.5	61.3	54.9	56.8	55.2	63.0	62.7	61.0	69.2	68.6	61.3	61.8	49.8				
Background Site #5		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3			
Total noise		65.9	63.6	62.5	68.2	68.3	68.8	67.7	65.0	62.9	61.3	75.1	74.8	72.4	71.8	71.2	66.7	66.7	61.3	61.3	67.2	67.0	65.1	64.9	64.3	62.2	62.6	62.3	65.3	65.1	64.2	69.9	69.3	64.3	64.6	61.6				
Increase		4.6	2.3	1.2	6.9	7.0	7.5	6.4	3.7	1.6	0.0	13.8	13.5	11.1	10.5	9.9	5.4	5.4	0.0	0.0	5.9	5.7	3.8	3.6	3.0	0.9	1.3	1.0	4.0	3.8	2.9	8.8	8.0	3.0	3.3	0.3				
Weeks > 4 dBA increment		13	0	0	13	13	13	13	0	0	0	13	13	13	13	13	13	13	0	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Weeks > 18 dBA increment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Weeks > 85 dBA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

208 weeks >4 dBA  
0 weeks >18 dBA  
0 weeks >85 dBA

Bidg 1	22.0																									61.3	60.9	59.3	59.1	57.6	51.9	49.0	45.7												
	22.7																									60.6	60.3	58.6	58.4	56.9	51.2	48.3	45.0												
	23.3																									60.0	59.7	58.0	57.8	56.3	50.6	47.7	44.4												
Bidg 2	17.4																									66.7	66.3	63.4	63.2	62.0	55.6	53.0	51.4												
	18.5																									65.6	65.2	62.3	62.1	60.9	54.5	51.9	50.3												
	19.5																									64.6	64.2	61.3	61.1	59.9	53.6	50.9	49.3												
Bidg 3	4.6																									74.4	74.1	71.5	70.8	70.1	64.6	64.6	26.9												
	11.4																									71.6	71.3	68.7	68.0	67.4	61.8	61.8	24.2												
	13.4																									69.5	69.2	66.7	66.0	65.3	59.8	59.8	22.1												
20log(dist+50/50)																																													
Bidg 4	19.5	61.8	55.8	52.3	63.2	61.8	61.6	59.2	58.9																																				
	20.3	61.0	54.9	51.4	62.3	61.0	60.7	58.3	58.0																																				
	21.1	60.2	54.1	50.6	61.5	60.2	59.9	57.5	57.2																																				
Bidg 5	14.6																									64.6	65.7	64.8	58.3	54.2	20.9														
	16.1																									63.2	64.3	63.3	56.8	52.7	19.4														
	17.4																									61.9	63.0	62.1	55.6	51.4	18.2														
School	14.6																																									66.0	65.5	58.2	57.7
	16.1																																									64.5	64.0	56.7	56.2
	17.4																																									63.2	62.9	55.4	54.9



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Receptor Group #8	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																																
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																				
Bldg 1																																	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700							
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10					
Equipment (dBA)																																	54.0	53.7	52.0	51.8	50.3	44.6	41.7	38.4																															
Bldg 2																																	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320				
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Equipment (dBA)																																	70.5	70.1	67.2	67.0	65.8	59.4	56.8	55.2																															
Bldg 3																																	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90			
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Equipment (dBA)																																	76.8	76.5	73.9	73.2	72.5	67.0	67.0	29.4																															
Bldg 4	320	320	320	320	320	320	320	320	320																																																														
Distance	0	0	0	0	0	0	0	0	0																																																														
Equipment (dBA)	67.7	61.7	58.2	69.1	67.7	67.4	65.1	64.8																																																															
Bldg 5																																	85	180	180	180	180	180	180																																
Distance																																	0	0	0	0	0	0	0																																
Equipment (dBA)																																	73.4	74.5	73.5	73.5	67.0	62.9	29.6																																
School																																	85	85	85	85																																			
Distance																																	0	0	0	0																																			
Equipment (dBA)																																	74.7	74.2	66.9	66.4																																			
Equipment subtotal	63.4	57.4	53.9	64.8	70.1	71.0	69.8	64.8	58.6	25.4	69.0	68.7	66.1	65.4	64.7	59.2	59.2	21.6	7.8	61.9	61.5	58.6	58.4	57.2	50.8	48.2	46.6	54.0	53.7	52.0	72.0	71.5	64.2	63.7	38.4																																				
Background Site #1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1																																		
Total noise	66.3	64.1	63.6	67.0	70.9	71.6	70.6	67.0	64.4	63.1	70.0	69.7	67.9	67.4	67.0	64.6	64.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1																																	
Increase	3.2	1.0	0.5	3.9	7.8	8.5	7.5	3.9	1.3	0.0	6.8	6.6	4.9	4.3	3.9	1.5	1.5	0.0	0.0	2.4	2.3	1.3	1.3	1.0	0.3	0.1	0.1	0.5	0.5	0.3	9.6	9.0	3.6	3.3	0.0																																				
Weeks > 3 dBA increment	13	0	0	13	13	13	13	13	0	0	13	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	13	0																																			
Weeks > 18 dBA increment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		
Weeks > 85 dBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		

195 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

Bldg 1	23.5																													59.7	59.4	57.8	57.5	56.0	50.4	47.5	44.1
Distance	24.1																													59.2	58.9	57.2	57.0	55.5	49.8	46.9	43.6
Equipment (dBA)	24.6																													58.7	58.3	56.7	56.5	55.0	49.3	46.4	43.1
Bldg 2	17.4																													66.7	66.3	63.4	63.2	62.0	55.6	53.0	51.4
Distance	18.5																													65.6	65.2	62.3	62.1	60.9	54.5	51.9	50.3
Equipment (dBA)	19.5																													64.6	64.2	61.3	61.1	59.9	53.6	50.9	49.3
Bldg 3	8.9																	74.0	73.7	71.2	70.5	69.8	64.3	64.3	26.6												
Distance	11.6																	71.4	71.1	68.5	67.8	67.1	61.6	61.6	24.0												
Equipment (dBA)	13.6																	69.4	69.1	66.5	65.8	65.1	59.6	59.6	21.9												
Bldg 4	17.4	63.9	57.9	54.4	65.3	63.9	63.7	61.3	61.0																												
Distance	18.5	62.8	56.8	53.3	64.2	62.8	62.6	60.2	59.9																												
Equipment (dBA)	19.5	61.8	55.8	52.3	63.2	61.8	61.6	59.2	58.9																												
Bldg 5	8.6																	70.7	71.5	70.8	64.3	60.2	26.9														
Distance	11.4																	67.9	69.0	68.1	61.6	57.5	24.2														
Equipment (dBA)	13.4																	65.8	67.0	66.0	59.5	55.4	22.1														
School	8.6																													72.0	71.5	64.2	63.7				
Distance	11.4																													69.2	68.8	61.5	61.0				
Equipment (dBA)	13.4																													67.2	66.7	59.4	58.9				









20-Aug-14

Distances from Property Line for Each 1/3

50 100 150

Receptor Group #12 Noise Source	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																											
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																															
<b>Bldg 1</b> Distance																																840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840			
Building L																																10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Equipment (dBA)																																52.6	52.3	50.6	50.4	48.9	43.2	40.3	37.0																											
<b>Bldg 2</b> Distance																																530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530	530		
Building L																																10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Equipment (dBA)																																56.9	56.5	53.6	53.4	52.2	45.8	43.2	41.6																											
<b>Bldg 3</b> Distance																																320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320		
Building L*																																10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Equipment (dBA)																																59.4	58.1	56.5	55.8	55.1	49.6	49.6	12.0																											
<b>Bldg 4</b> Distance	480	480	480	480	480	480	480	480																																																										
Building L*	10	10	10	10	10	10	10	10																																																										
Equipment (dBA)	54.9	48.8	45.3	56.2	54.9	54.6	52.2	51.9																																																										
<b>Bldg 5</b> Distance																																260	320	320	320	320	320	320	320																											
Building L																																10	10	10	10	10	10	10	10																											
Equipment (dBA)																																57.1	58.2	57.2	50.7	46.6	13.4																													
<b>School</b> Distance																																260	260	260	260	260	260																													
Building L																																10	10	10	10	10	10																													
Equipment (dBA)																																58.4	57.9	50.6	50.1																															
<b>Equipment subtotal</b>	54.9	48.8	45.3	56.2	59.1	59.8	58.4	54.4	46.6	14.3	59.4	59.1	56.5	55.8	55.1	49.6	49.6	13.2	7.8	56.9	56.5	53.6	53.4	52.2	45.8	43.2	41.6	52.6	52.3	50.6	59.0	58.5	51.3	50.5	37.0																															
<b>Background Site #5</b>	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7																															
<b>Total noise</b>	61.7	61.0	60.8	62.0	63.0	63.3	62.7	61.6	60.9	60.7	63.1	63.0	62.1	61.9	61.8	61.0	61.0	60.7	60.7	62.2	62.1	61.5	61.4	61.3	60.8	60.8	60.8	61.3	61.3	61.1	63.0	62.7	61.2	61.1	60.7																															
<b>Increase</b>	1.0	0.3	0.1	1.3	2.3	2.6	2.0	0.9	0.2	0.0	2.4	2.3	1.4	1.2	1.1	0.3	0.3	0.0	0.0	1.5	1.4	0.8	0.7	0.6	0.1	0.1	0.1	0.6	0.6	0.4	2.3	2.0	0.5	0.4																																
<b>Weeks &gt; 4 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																
<b>Weeks &gt; 18 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																

0 weeks > 4 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	25.0																												58.3	57.9	56.3	56.1	54.6	48.9	46.0	42.7								
	25.5																												57.8	57.5	55.8	55.6	54.1	48.4	45.5	42.2								
	25.9																												57.3	57.0	55.4	55.1	53.6	47.9	45.0	41.7								
<b>Bldg 2</b>	21.3																												62.8	62.4	59.5	59.3	58.1	51.7	48.1	47.5								
	22.0																												62.0	61.7	58.8	58.6	57.4	51.0	48.4	46.8								
	22.7																												61.4	61.0	58.1	57.9	56.7	50.4	47.7	46.1								
<b>Bldg 3</b>	17.4																												65.6	65.3	62.7	62.0	61.3	55.8	55.8	18.2								
	18.5																												64.5	64.2	61.6	60.9	60.2	54.7	54.7	17.1								
	19.5																												63.5	63.2	60.7	59.9	59.3	53.7	53.7	16.1								
<b>20log(dist+50/50)</b>																																												
<b>Bldg 4</b>	20.5	60.8	54.8	51.3	62.1	60.8	60.5	58.2	57.9																																			
	21.3	60.0	54.0	50.5	61.4	60.0	59.7	57.4	57.1																																			
	22.0	59.3	53.3	49.8	60.6	59.3	59.0	56.7	56.4																																			
<b>Bldg 5</b>	15.8																												63.4	64.5	63.6	61.1	53.0	19.7										
	17.1																												62.1	63.3	62.3	55.8	51.7	18.4										
	18.3																												61.0	62.1	61.2	54.7	50.5	17.3										
<b>School</b>	15.8																																						64.8	64.3	57.0	56.5		
	17.1																																						63.5	63.0	55.7	55.2		
	18.3																																						62.3	61.9	54.5	54.0		

Receptor Group #13	Noise Source	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2					
Bldg 1	Distance																																							
	Building L1																																							
	Equipment (dBA)	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480						
Bldg 2	Distance																																							
	Building L1																																							
	Equipment (dBA)	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480						
Bldg 3	Distance																																							
	Building L1																																							
	Equipment (dBA)	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250						
Bldg 4	Distance																																							
	Building L1																																							
	Equipment (dBA)	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480						
Bldg 5	Distance																																							
	Building L1																																							
	Equipment (dBA)	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320						
School	Distance																																							
	Building L1																																							
	Equipment (dBA)	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700						
Equipment subtotal	59.9	53.8	50.3	61.2	64.3	64.9	63.6	59.5	51.9	18.9	66.0	65.7	63.2	62.5	61.8	56.2	56.2	18.9	7.8	57.6	57.2	54.3	54.1	52.9	46.6	43.9	42.3	53.4	53.0	51.4	63.9	63.4	56.1	55.5	37.8					
Background Site #5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7						
Total noise	63.3	61.5	61.1	64.0	66.9	66.3	66.4	63.1	61.2	60.7	67.2	66.9	65.1	64.7	64.3	62.0	62.0	60.7	60.7	62.4	62.3	61.6	61.6	61.4	60.9	60.8	60.8	61.4	61.4	61.2	66.6	66.3	62.0	61.9	60.7					
Increase	2.6	0.8	0.4	3.3	2.2	5.6	4.7	2.4	0.5	0.0	6.5	6.2	4.4	4.0	3.6	1.3	1.3	0.0	0.0	1.7	1.6	0.9	0.9	0.7	0.2	0.1	0.1	0.7	0.7	0.5	4.8	4.6	1.3	1.2	0.0					
Weeks > 4 dBA increment	0	0	0	0	0	0	0	0	0	0	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Weeks > 15 dBA increment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Weeks > 85 dBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Bldg 1	24.2																																							
	24.7																																							
Bldg 2	20.5																																							
	21.3																																							
Bldg 3	15.6																																							
	16.9																																							
Bldg 4	20.5	60.8	54.8	51.3	62.1	60.8	60.5	58.2	57.9																															
	21.3	60.0	54.0	50.5	61.4	60.0	59.7	57.4	57.1																															
Bldg 5	16.9	60.3	53.3	49.8	60.6	59.3	59.0	56.7	56.4																															
	18.1									63.7	64.8	63.9	62.4	61.4	60.8	57.4	53.3	20.0																						
School	15.6									62.4	63.5	62.5	56.0	51.9	18.7																									
	16.9									61.2	62.3	61.4	54.9	50.8	17.5																									
School	15.6																																							
	16.9																																							
School	15.1																																							
	16.9									65.0	64.6	63.7	57.3	56.8																										
School	15.1									63.7	63.2	65.9	55.4																											
	16.9									62.4	62.1	54.8	54.3																											

104 weeks > 4 dBA  
 0 weeks > 15 dBA  
 0 weeks > 85 dBA

Receptor Group #14	2014		2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																															
	1	2	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																				
<b>Bldg 1</b>																																	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300					
Distance																																	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5					
Equipment (dBA)																																	57.0	56.7	55.1	54.8	53.3	47.6	44.8	41.4																												
<b>Bldg 2</b>																																	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770	770				
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Equipment (dBA)																																	59.0	58.7	55.8	55.6	54.4	48.0	45.4	43.8																												
<b>Bldg 3</b>																																	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560			
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Equipment (dBA)																																	60.4	60.1	57.5	56.8	56.1	50.6	50.6	13.0																												
<b>Bldg 4</b>																																	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890		
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Equipment (dBA)																																	60.2	54.1	50.6	61.5	60.2	59.9	57.5	57.2																												
<b>Bldg 5</b>																																	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840		
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Equipment (dBA)																																	58.6	59.7	58.7	52.3	48.1	14.8																														
<b>School</b>																																	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740		
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Equipment (dBA)																																	55.9	55.4	48.1	47.6																																
<b>Equipment subtotal</b>																																	60.2	54.1	50.6	61.5	62.5	62.8	61.2	58.4	48.1	15.5	60.4	60.1	57.5	56.8	56.1	50.6	50.6	13.9	7.8	59.0	58.7	55.8	55.6	54.4	48.0	45.4	43.8	57.0	56.7	55.1	58.4	57.5	50.9	49.4	41.4	
<b>Background Site #5</b>																																	69.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
<b>Total noise</b>																																	63.5	61.6	61.1	64.1	64.7	64.9	64.0	62.7	60.9	60.7	63.6	63.4	62.4	62.2	62.0	61.1	61.1	60.7	60.7	63.3	62.8	61.9	61.9	61.6	60.9	60.8	60.8	62.3	62.2	61.7	62.7	62.4	61.1	61.0	60.8	
<b>Increase</b>																																	2.8	0.9	0.4	3.4	4.0	4.2	3.3	2.0	0.2	0.0	2.9	2.7	1.7	1.5	1.3	0.4	0.4	0.0	0.0	2.3	2.1	1.2	1.2	0.9	0.2	0.1	0.1	1.6	1.5	1.0	2.0	1.7	0.4	0.3	0.1	
<b>Weeks &gt; 4 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 15 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 85 dBA</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

13 weeks > 4 dBA
0 weeks > 15 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	25.6	25.0	26.4															57.7	57.4	55.7	55.5	54.0	48.3	45.4	42.1
<b>Bldg 2</b>	24.3	24.8	25.3															59.5	59.4	56.5	56.3	55.1	48.7	46.1	44.5
<b>Bldg 3</b>	21.7	22.4	23.0	61.3	61.0	58.4	57.7	57.0	51.5	51.5	13.8	58.8	59.4	55.5	55.3	54.1	47.7	45.1	43.5						
<b>Bldg 4</b>	25.5	25.9	26.4	55.8	49.8	46.3	57.2	55.8	55.6	53.2	52.9	55.8	49.4	45.8	56.7	55.4	55.1	52.7	52.4						
<b>Bldg 5</b>	25.0	25.5	25.9	54.9	48.9	45.4	56.3	54.9	54.7	52.3	52.0	54.3	50.4	54.4	47.9	43.8	10.5								
<b>School</b>	24.0	24.5	25.0	53.4	54.5	53.5	47.0	42.9	9.6			56.6	56.2	48.8	48.3										
												56.1	55.6	48.3	47.8										
												56.1	55.1	47.8	47.3										

Receptor Group #15		2014			2015			2016			2017			2018			2019			2020			2021			2022			2023			Weeks >							
Noise Source		4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Weeks >				
Bldg 1	Distance																																						3 dBA
	Building IL																																						
	Equipment (dBA)																																						
Bldg 2	Distance																																						
	Building IL																																						
	Equipment (dBA)																																						
Bldg 3	Distance																																						
	Building IL																																						
	Equipment (dBA)																																						
Bldg 4	Distance																																						
	Building IL																																						
	Equipment (dBA)																																						
Bldg 5	Distance																																						
	Building IL																																						
	Equipment (dBA)																																						
School	Distance																																						
	Building IL																																						
	Equipment (dBA)																																						
Equipment subtotal																																							
Background Site #5																																							
Total noise																																							
Increase																																							
Weeks > 4 dBA increment																																							
Weeks > 15 dBA increment																																							
Weeks > 85 dBA																																							
Bldg 1	26.2																																						
Bldg 2	24.3																																						
Bldg 3	21.4																																						
Bldg 4	21.1																																						
Bldg 5	22.8																																						
School	22.1																																						

39 weeks > 4 dBA
0 weeks > 15 dBA
0 weeks > 85 dBA

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50 100 150

Receptor Group #16	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																																	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																						
<b>Bldg 1</b>																																	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870							
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10							
Equipment (dBA)																																	52.3	52.0	50.3	50.1	48.6	42.9	40.0	36.7																																
<b>Bldg 2</b>																																	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650						
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
Equipment (dBA)																																	55.3	55.0	52.1	51.9	50.7	44.3	41.6	40.1																																
<b>Bldg 3</b>																																	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420						
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Equipment (dBA)																																	07.5	67.2	64.6	63.9	63.2	57.7	57.7	20.1																																
<b>Bldg 4</b>	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640																																				
Distance	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10																																				
Equipment (dBA)	52.7	46.7	43.2	54.1	52.7	52.4	50.1	49.8																																																																
<b>Bldg 5</b>																																	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510							
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
Equipment (dBA)																																	52.4	53.5	52.5	46.0	41.9	8.7																																		
<b>School</b>																																	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450							
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10						
Equipment (dBA)																																	54.6	54.2	46.8	46.3																																				
<b>Equipment subtotal</b>	52.7	46.7	43.2	54.1	55.6	56.0	54.5	51.3	41.9	10.9	67.5	67.2	64.6	63.9	63.2	57.7	57.7	20.3	7.8	55.3	55.0	52.1	51.9	50.7	44.3	41.7	40.1	52.3	52.0	50.3	50.9	55.2	48.3	47.2	36.7																																					
<b>Background Site #13</b>	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5																																					
<b>Total noise</b>	62.9	62.6	62.6	63.1	63.3	63.4	63.1	62.9	62.5	62.5	62.7	63.5	66.7	66.3	65.9	63.7	63.7	62.5	62.5	63.3	63.2	62.9	62.8	62.6	62.5	62.5	62.5	62.9	62.9	62.8	63.4	63.2	62.7	62.6	62.5																																					
<b>Increase</b>	0.4	0.1	0.1	0.6	0.8	0.9	0.6	0.3	0.0	0.0	5.2	6.0	4.2	3.8	3.4	1.2	1.2	0.0	0.0	0.8	0.7	0.4	0.4	0.3	0.1	0.0	0.0	0.4	0.4	0.3	0.9	0.7	0.2	0.1	0.0																																					
<b>Weeks &gt; 3 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																					
<b>Weeks &gt; 15 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																					
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																					

65 weeks > 3 dBA
0 weeks > 15 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	25.3	25.8	26.2																																	58.0	57.6	56.0	55.9	54.3	48.6	45.7	42.4												
<b>Bldg 2</b>	22.9	23.5	24.1																																	61.1	60.7	57.9	57.7	56.4	50.1	47.4	45.9												
<b>Bldg 3</b>	19.5	20.3	21.1																																	60.5	60.1	57.3	57.1	55.8	49.5	46.8	45.3												
<b>Bldg 4</b>	22.8	23.4	24.0	58.5	52.5	49.0	59.8	58.5	58.2	55.9	55.6	63.5	63.2	60.7	59.9	59.3	53.7	53.7	16.1	60.0	59.6	56.7	56.5	55.3	48.9	46.3	44.7																												
<b>Bldg 5</b>	21.0	21.7	22.4	58.5	52.5	49.0	59.8	58.5	58.2	55.9	55.6	63.5	63.2	60.7	59.9	59.3	53.7	53.7	16.1	60.0	59.6	56.7	56.5	55.3	48.9	46.3	44.7																												
<b>School</b>	20.0	20.8	21.6																																	60.6	60.1	52.8	52.3	59.8	59.3	52.9	51.5	50.7											







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Distances from Property Line for Each 1/3  
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Receptor Group #19	Noise Source	2014			2015			2016			2017			2018			2019			2020			2021			2022			2023		Weeks > 3 dBA					
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2									
Bldg 1	Distance	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	Weeks > 3 dBA							
	Building L																																			
	Equipment (dBA)																																			
Bldg 2	Distance																																			
	Building L																																			
	Equipment (dBA)																																			
Bldg 3	Distance																																			
	Building L																																			
	Equipment (dBA)																																			
Bldg 4	Distance	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480							
	Building L	16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10							
	Equipment (dBA)	54.9	48.8	45.3	56.2	54.9	54.6	52.2	51.9																											
Bldg 5	Distance																																			
	Building L																																			
	Equipment (dBA)																																			
School	Distance																																			
	Building L																																			
	Equipment (dBA)																																			
Equipment subtotal		54.9	48.8	45.3	56.2	57.8	58.2	56.7	53.5	44.2	12.4	54.3	54.0	51.4	50.7	50.0	44.5	44.5	9.9	7.8	54.7	54.3	51.4	51.2	50.0	43.6	41.0	38.4	51.6	51.3	49.6	50.2	54.5	47.6	46.5	36.0
Background Site #4		67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
Total noise		67.7	67.6	67.5	67.6	67.9	68.0	67.8	67.7	67.5	67.5	67.7	67.5	67.6	67.6	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
Increase		0.2	0.1	0.0	0.3	0.4	0.6	0.3	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0	0.0	
Weeks > 3 dBA increment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weeks > 15 dBA increment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weeks > 85 dBA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bldg 1	26.0																																			
	26.4																																			
	26.8																																			
Bldg 2	23.6																																			
	24.2																																			
	24.7																																			
Bldg 3	22.9																																			
	23.5																																			
	24.1																																			
2009(044-00750)																																				
	60.8	54.8	51.3	62.1	60.8	60.5	58.2	57.9																												
	21.3	60.0	54.0	50.5	61.4	60.0	59.7	57.4	57.1																											
Bldg 4	22.0	59.3	53.3	49.8	60.6	59.3	56.0	56.7	56.4																											
	18.5																																			
	19.5																																			
Bldg 5	20.3																																			
	20.8																																			
	21.6																																			
School	22.3																																			
	59.8																																			
	59.0																																			

0 weeks > 3 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA

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Receptor Group #20	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																													
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																		
<b>Bldg 1</b>																																	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																																	53.0	52.6	51.0	50.8	49.3	43.6	40.7	37.4																												
<b>Bldg 2</b>																																	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																																	55.3	55.0	52.1	51.9	50.7	44.3	41.6	40.1																												
<b>Bldg 3</b>																																	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																																	54.4	54.1	51.5	50.8	50.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6			
<b>Bldg 4</b>																																	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360		
Distance																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Equipment (dBA)																																	66.9	60.9	57.4	68.2	66.9	66.6	64.3	64.0																												
<b>Bldg 5</b>																																	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Equipment (dBA)																																	55.7	56.8	55.8	49.4	45.2	12.0																														
<b>School</b>																																	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Equipment (dBA)																																	54.2	53.7	46.4	45.9																																
<b>Equipment subtotal</b>																																	66.9	60.9	57.4	68.2	67.2	67.1	64.8	64.1	45.2	13.2	54.4	54.1	51.5	50.8	50.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6			
<b>Background Site #9</b>																																	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1		
<b>Total noise</b>																																	72.5	71.5	71.3	72.9	72.6	72.5	72.0	71.9	71.1	71.1	71.2	71.2	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
<b>Increase</b>																																	1.4	0.4	0.2	1.8	1.5	1.4	0.9	0.8	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
<b>Weeks &gt; 3 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 15 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 85 dBA</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

0 weeks > 3 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	24.6	25.1	25.6																								58.7	58.3	56.7	56.5	55.0	49.3	48.4	43.1										
<b>Bldg 2</b>	22.9	23.5	24.1																								61.1	60.7	57.9	57.7	56.4	50.1	47.4	45.9										
<b>Bldg 3</b>	22.8	23.4	24.0																								60.5	60.1	57.3	57.1	55.8	49.5	46.8	45.3										
<b>Bldg 4</b>	18.3	19.3	20.2	63.0	57.0	53.5	64.4	63.0	62.8	60.4	60.1						60.5	59.6	56.7	56.5	55.3	49.2	49.2	11.6																				
<b>Bldg 5</b>	17.4	18.5	19.5	61.1	61.1	61.6	62.5	61.1	60.9	58.5	58.2						60.1	60.7	57.9	57.7	56.4	50.1	47.4	45.9																				
<b>School</b>	20.5	21.3	22.0																								60.1	59.6	52.3	51.8						60.1	59.6	52.3	51.8					







20-Aug-14 Distances from Property Line for Each 1/3  
80 100 150

Receptor Group #24	2014			2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																																
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																																						
<b>Bldg 1</b>	Distance																																		500	600	600	600	600	600	600	600	Weeks > 3 dBA																											
Bldg 1	Building IL																																		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10					
Bldg 1	Equipment (dBA)																																		55.2	54.8	53.2	53.0	51.5	45.8	42.9	39.6	Weeks > 3 dBA																											
<b>Bldg 2</b>	Distance																																		480	480	480	480	480	480	480	Weeks > 3 dBA																												
Bldg 2	Building IL																																		5	5	5	5	5	5	5	5	Weeks > 3 dBA																											
Bldg 2	Equipment (dBA)																																		52.6	52.2	50.3	50.1	50.9	51.6	48.9	47.3	Weeks > 3 dBA																											
<b>Bldg 3</b>	Distance																																		480	480	480	480	480	480	480	Weeks > 3 dBA																												
Bldg 3	Building IL																																		5	5	5	5	5	5	5	5	Weeks > 3 dBA																											
Bldg 3	Equipment (dBA)																																		61.5	61.2	58.7	57.9	57.3	51.7	51.7	14.1	Weeks > 3 dBA																											
<b>Bldg 4</b>	Distance																																		180	180	180	180	180	180	180	Weeks > 3 dBA																												
Bldg 4	Building IL																																		0	0	0	0	0	0	0	0	Weeks > 3 dBA																											
Bldg 4	Equipment (dBA)																																		71.4	65.4	61.9	72.7	71.4	71.1	68.7	68.5	Weeks > 3 dBA																											
<b>Bldg 5</b>	Distance																																		170	170	170	170	170	170	Weeks > 3 dBA																													
Bldg 5	Building IL																																		0	0	0	0	0	0	Weeks > 3 dBA																													
Bldg 5	Equipment (dBA)																																		69.7	70.8	69.9	63.4	59.2	26.0	Weeks > 3 dBA																													
<b>School</b>	Distance																																		7	7	7	7	7	7	7	7	7	4.5	4.5	4.6	4.4	4.8	Weeks > 3 dBA																					
School	Building IL																																		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
School	Equipment (dBA)																																		61.8	61.3	54.0	53.5	Weeks > 3 dBA																															
<b>Equipment subtotal</b>	59.1	59.1	53.9	55.7	54.4	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7	51.9	54.7																																	
<b>Background Site #8</b>	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5																																
<b>Total noise</b>	62.2	63.2	62.4	67.4	67.9	66.1	66.8	66.1	62.0	61.5	62.8	62.7	62.2	62.1	62.0	61.9	61.5	61.5	61.5	61.5	61.5	62.8	63.8	63.6	63.5	63.1	61.9	61.7	61.7	62.4	62.3	62.1	62.2	62.2	62.3	62.2	61.5																																	
<b>Increase</b>	4.7	1.7	0.9	5.6	6.3	4.6	5.4	3.6	0.5	0.0	1.3	1.2	0.7	0.6	0.5	0.4	0.4	0.0	0.0	2.3	2.3	2.1	2.0	1.6	0.4	0.2	0.2	0.8	0.8	0.6	0.7	0.7	0.8	0.7	0.0																																			
<b>Weeks &gt; 3 dBA increment</b>	19	0	0	19	19	19	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		
<b>Weeks &gt; 15 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																		

78 weeks > 3 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	22.3	22.9	23.5																									61.0	60.7	59.0	58.9	57.3	51.6	48.7	44.4
<b>Bldg 2</b>	20.5	21.9	22.0																	63.5	63.2	60.3	60.1	58.9	52.5	49.9	48.3								
<b>Bldg 3</b>	20.5	21.9	22.0																	62.8	62.4	59.5	59.3	58.1	51.7	49.1	47.5								
<b>Bldg 4</b>	13.3	15.0	16.4	68.1	62.0	58.5	69.4	68.1	67.8	65.4	65.1	61.7	61.4	59.8	58.1	57.4	51.9	51.9	13.5	61.0	60.7	58.1	57.4	56.7	51.2	51.2	13.5								
<b>Bldg 5</b>	12.9	14.6	16.1	68.1	62.0	58.5	69.4	68.1	67.8	65.4	65.1	61.7	61.4	59.8	58.1	57.4	51.9	51.9	13.5	61.0	60.7	58.1	57.4	56.7	51.2	51.2	13.5								
<b>School</b>	17.6	18.7	19.6																	63.0	62.5	55.2	54.7	61.8	61.5	54.1	53.8	61.0	60.5	53.2	52.7				

20-Aug-14 Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #25	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																													
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																		
<b>Bldg 1</b>																																	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470			
Distance																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Equipment (dBA)																																	64.0	63.6	62.0	61.8	60.3	54.6	51.7	48.4																												
<b>Bldg 2</b>																																	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470			
Distance																																	57.7	67.4	64.5	64.3	63.1	56.7	54.1	52.5																												
Equipment (dBA)																																																																				
<b>Bldg 3</b>																																	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500			
Distance																																	61.2	60.9	58.4	57.6	57.0	51.4	51.4	13.8																												
Equipment (dBA)																																																																				
<b>Bldg 4</b>																																	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200			
Distance																																	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Equipment (dBA)																																	70.8	64.7	61.2	72.1	70.8	70.5	68.1	67.8																												
<b>Bldg 5</b>																																	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250		
Distance																																	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Equipment (dBA)																																	67.3	66.4	67.5	61.0	56.9	23.6																														
<b>School</b>																																	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400			
Distance																																	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Equipment (dBA)																																	56.0	55.5	48.2	47.7																																
<b>Equipment subtotal</b>																																	70.8	64.7	61.2	72.1	72.4	72.6	71.9	68.6	56.9	23.7	63.0	62.7	60.2	59.4	58.8	53.2	53.2	15.6	7.8	68.0	67.7	64.8	64.6	63.4	57.0	54.4	62.8	64.0	63.6	62.0	62.8	61.5	55.5	53.1	48.4	
<b>Background Site #8</b>																																	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
<b>Total noise</b>																																	71.2	66.4	64.4	72.6	73.1	73.3	71.7	69.7	62.8	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7	61.7
<b>Increase</b>																																	9.7	4.9	2.9	11.0	11.6	11.8	10.2	8.2	1.3	0.0	3.8	3.7	2.4	2.1	1.9	0.6	0.6	0.0	0.0	7.4	7.1	4.9	4.8	4.0	1.3	0.8	0.5	4.4	4.2	3.3	3.7	3.0	1.0	0.6	0.2	
<b>Weeks &gt; 3 dBA increment</b>																																	13	13	0	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	13	13	0	0	0	13	13	13	13	13	0	0	0	0
<b>Weeks &gt; 15 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Weeks &gt; 85 dBA</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

247 weeks > 3 dBA  
0 weeks > 15 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	20.3	21.1	21.9																	62.9	62.6	60.9	60.7	59.2	53.5	50.6	47.3								
<b>Bldg 2</b>	20.3	21.1	21.9																	61.4	61.1	59.4	59.2	57.7	52.0	49.1	45.8								
<b>Bldg 3</b>	20.8	21.6	22.3																	62.2	61.9	59.3	58.6	57.9	52.4	52.4	14.7								
<b>Bldg 4</b>	14.0	15.6	15.9	67.3	61.3	57.8	68.7	67.3	67.1	64.7	64.4																	60.7	60.4	57.8	57.1	56.5	50.9	50.9	13.3
<b>Bldg 5</b>	16.9	18.1	18.1	62.4	63.5	62.5	64.4	64.1	61.8	61.5																	61.4	61.1	58.4	58.2	51.9	49.2	47.7		
<b>School</b>	19.1	20.0	20.8																	61.5	61.1	53.7	53.2												



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Distances from Property Line for Each 1/3

50 100 150

Receptor Group #27	2014			2015			2016			2017			2018			2019			2020			2021			2022			2023		Weeks > 3 dBA																																		
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		1	2																																
<b>Bldg 1</b>																															230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230					
Distance																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Building IL																															71.9	71.5	69.9	69.7	68.2	62.5	59.6	56.3																										
Equipment (dBA)																															72.6	72.2	69.4	69.2	68.0	61.6	58.9	57.4																										
<b>Bldg 2</b>																															550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550				
Distance																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Building IL																															65.5	65.2	62.7	61.9	61.3	55.7	55.7	18.1																										
Equipment (dBA)																															68.2	62.1	58.6	69.5	68.2	67.9	65.5	65.2																										
<b>Bldg 3</b>																															300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300				
Distance																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Building IL																															68.2	62.1	58.6	69.5	68.2	67.9	65.5	65.2																										
Equipment (dBA)																															62.5	63.6	62.7	56.2	52.1	18.8																												
<b>Bldg 4</b>																															500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500				
Distance																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Building IL																															62.5	63.6	62.7	56.2	52.1	18.8																												
Equipment (dBA)																															510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510				
Distance																															5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Building IL																															58.7	58.3	50.9	50.4																														
Equipment (dBA)																															71.9	71.5	69.9	68.6	62.8	60.1	56.3																											
<b>School</b>																															510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510				
Distance																															5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Building IL																															58.7	58.3	50.9	50.4																														
Equipment (dBA)																															68.2	62.1	58.6	69.5	68.2	67.9	65.5	65.2	62.7	61.9	61.3	55.7	55.7	18.4	7.8	72.6	72.2	69.4	69.2	68.0	61.6	58.9	57.4	65.0	64.6	63.0	70.0	68.6	62.8	60.1	56.3			
<b>Equipment subtotal</b>																															74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4			
<b>Background Site #7</b>																															75.3	74.7	74.5	75.6	75.5	75.6	75.2	75.0	74.4	74.9	74.7	74.6	74.6	74.5	74.4	74.4	74.4	76.6	76.5	75.6	75.5	75.3	74.6	74.5	74.5	74.9	74.8	74.7	75.7	75.4	74.7	74.6	74.5	
<b>Total noise</b>																															0.9	0.3	0.1	1.2	1.1	1.2	0.8	0.6	0.0	0.0	0.5	0.5	0.3	0.2	0.2	0.1	0.1	0.0	0.0	2.2	2.1	1.2	1.1	0.9	0.2	0.1	0.1	0.4	0.3	1.3	1.0	0.3	0.2	0.1
<b>Increase</b>																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 3 dBA increment</b>																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 18 dBA increment</b>																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 85 dBA</b>																															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

<b>Bldg 1</b>	15.0																					68.3	68.0	66.3	66.1	64.6	58.9	56.0	52.7
	16.4																					66.9	66.5	64.9	64.7	63.2	57.5	54.6	51.3
	17.6																					65.7	65.3	63.7	63.5	62.0	56.3	53.4	50.1
<b>Bldg 2</b>	15.0													69.1	69.7	65.8	65.6	64.4	58.1	55.4	53.8								
	16.4													67.7	67.3	64.4	64.2	63.0	56.6	54.0	52.4								
	17.6													66.4	66.0	63.2	63.0	61.8	55.4	52.7	51.2								
<b>Bldg 3</b>	21.6							61.4	61.1	58.5	57.8	57.1	51.6	51.6	14.0														
	22.3							60.7	60.4	57.8	57.1	56.5	50.9	50.9	13.3														
	22.9							60.1	59.8	57.2	56.5	55.8	50.3	50.3	12.6														
<b>Bldg 4</b>	16.9	64.4	58.4	54.9	65.7	64.4	64.1	61.8	61.5																				
	18.1	63.2	57.2	53.7	64.6	63.2	63.0	60.6	60.3																				
	19.1	62.2	56.2	52.7	63.6	62.2	62.0	59.6	59.3																				
<b>Bldg 5</b>	20.8							58.5	59.6	58.6	52.1	48.0	14.7																
	21.6							57.7	58.8	57.9	51.4	47.2	14.0																
	22.3							57.0	58.1	57.2	50.7	46.5	13.3																
<b>School</b>	21.0													59.6	59.2	51.8	51.3												
	21.7													58.9	58.4	51.1	50.6												
	22.4													58.2	57.7	50.4	49.9												







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Distances from Property Line for Each 1/3  
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Receptor Group #30	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																									
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																													
<b>Bldg 1</b>																													400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400		
Distance Building L																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Equipment (dBA)																													63.1	62.8	61.1	60.9	59.4	53.7	50.8	47.5																												
<b>Bldg 2</b>																													400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400		
Distance Building L																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Equipment (dBA)																													63.9	63.5	60.6	60.4	59.2	52.9	50.2	48.6																												
<b>Bldg 3</b>																													700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700		
Distance Building L*																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Equipment (dBA)																													58.7	58.4	58.8	55.1	54.5	48.9	48.9	11.3																												
<b>Bldg 4</b>																													440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440		
Distance Building L*																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Equipment (dBA)																													65.5	59.5	55.9	66.8	65.5	65.2	62.8	62.5																												
<b>Bldg 5</b>																													630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630		
Distance Building L																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Equipment (dBA)																													60.8	61.9	61.0	54.5	50.3	17.1																														
<b>School</b>																													700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700		
Distance Building L																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Equipment (dBA)																													56.3	55.9	48.5	48.0																																
<b>Equipment subtotal</b>																													65.5	59.5	55.9	66.8	66.8	66.9	65.0	63.2	50.3	17.5	58.7	58.4	55.8	55.1	54.5	48.9	48.9	12.7	7.8	63.9	63.5	60.6	60.4	59.2	52.9	50.2	48.6	63.1	62.8	61.1	62.2	61.0	54.9	52.7	47.5	
<b>Background Site #3</b>																													66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9		
<b>Total noise</b>																													69.3	67.6	67.2	69.9	69.8	69.9	69.1	68.4	67.0	66.9	67.5	67.5	67.2	67.2	67.1	67.0	67.0	66.9	66.9	68.7	68.5	67.8	67.8	67.6	67.1	67.0	68.4	68.3	68.2	67.9	68.2	67.9	67.1	66.9		
<b>Increase</b>																													2.4	0.7	0.3	3.0	2.9	3.0	2.2	1.5	0.1	0.0	0.6	0.6	0.3	0.3	0.2	0.1	0.1	0.0	0.0	1.8	1.6	0.9	0.9	0.7	0.2	0.1	0.1	1.5	1.4	1.0	1.3	1.0	0.3	0.2	0.0	
<b>Weeks &gt; 3 dBA increment</b>																													0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 18 dBA increment</b>																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 85 dBA</b>																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

13 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	19.1	20.0	20.8																					64.2	63.9	62.2	62.0	60.5	54.8	51.9	48.8												
<b>Bldg 2</b>	19.1	20.0	20.8																	65.0	64.6	61.7	61.5	60.3	53.9	51.3	49.7	64.0	63.7	60.8	60.6	59.4	53.0	50.4	48.8	63.2	62.8	59.9	59.8	58.5	52.2	49.5	48.0
<b>Bldg 3</b>	23.5	24.1	24.6													59.5	59.2	56.6	55.9	55.2	49.7	49.7	12.0	58.9	58.6	56.0	55.3	54.6	49.1	49.1	11.5	58.4	58.1	55.5	54.8	54.1	48.6	48.6	10.9				
<b>Bldg 4</b>	19.8	20.7	21.4	61.5	55.5	51.9	62.8	61.5	61.2	58.8	58.5																																
<b>Bldg 5</b>	22.7	23.3	23.9	56.6	57.7	56.8	50.3	46.1	12.9																																		
<b>School</b>	23.5	24.1	24.6	57.1	56.6	49.3	48.8																																				





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Receptor Group #53C	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																						
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																										
<b>Bldg 1</b>																													1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Distance Building IL																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Equipment (dBA)																													51.2	50.9	49.2	49.0	47.5	41.8	38.9	35.6																									
<b>Bldg 2</b>																													1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
Distance Building IL																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Equipment (dBA)																													52.0	51.6	48.7	48.5	47.3	41.0	38.3	36.7																									
<b>Bldg 3</b>																													1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
Distance Building IL*																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Equipment (dBA)																													50.9	50.6	48.1	47.3	46.7	41.1	41.1	3.5																									
<b>Bldg 4</b>	830	830	830	830	830	830	830	830																																																					
Distance Building IL*	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10																												
Equipment (dBA)	50.7	44.7	41.2	52.1	50.7	50.4	48.1	47.8																																																					
<b>Bldg 5</b>																													790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790		
Distance Building IL																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Equipment (dBA)																													49.1	50.2	49.2	42.7	38.6	5.3																											
<b>School</b>																													960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960		
Distance Building IL																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Equipment (dBA)																													48.9	48.4	41.1	40.6																													
<b>Equipment subtotal</b>	50.7	44.7	41.2	52.1	53.0	53.3	51.7	49.0	38.6	9.3	50.9	50.6	48.1	47.3	46.7	41.1	41.1	8.6	7.8	52.0	51.6	48.7	48.5	47.3	41.0	38.3	36.7	51.2	50.9	49.2	52.0	51.0	44.5	42.8	35.6																										
<b>Background Site #10</b>	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0																											
<b>Total noise</b>	64.2	64.1	64.0	64.3	64.4	64.2	64.1	64.0	64.0	64.2	64.2	64.1	64.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.1	64.3	64.2	64.0	64.0																										
<b>Increase</b>	0.2	0.1	0.0	0.3	9.3	9.4	0.2	0.1	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.1	0.3	0.2	0.0	0.0																											
<b>Weeks &gt; 3 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
<b>Weeks &gt; 18 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											

0 weeks > 3 dBA  
0 weeks > 18 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	26.4	26.8	27.2															56.8	56.5	54.8	54.6	53.1	47.4	44.5	41.2									
<b>Bldg 2</b>	26.4	26.8	27.2															57.6	57.2	54.3	54.1	52.9	46.6	43.9	42.3									
<b>Bldg 3</b>	26.4	26.8	27.2															57.2	56.8	53.9	53.7	52.5	46.2	43.5	41.9									
<b>Bldg 4</b>	24.9	25.4	25.8	56.4	50.4	46.9	57.7	56.4	56.1	53.7	53.5															56.8	56.4	53.5	53.3	52.1	45.8	43.1	41.6	
<b>Bldg 5</b>	24.5	25.0	25.5															54.3	55.4	54.4	47.9	43.8	10.5											
<b>School</b>	26.1	26.5	26.9															54.5	54.0	46.7	46.2													



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50 100 150

Receptor Group #548	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																													
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																	
<b>Bldg 1</b>																																	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building L																																	51.6	51.3	49.6	49.4	47.9	42.2	39.3	36.0																												
Equipment (dBA)																																	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860			
Distance																																	53.2	52.8	49.9	49.7	48.5	42.2	39.5	37.9																												
Building L																																	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870			
Building L*																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																																	52.0	51.7	49.2	48.4	47.8	42.2	42.2	4.6																												
<b>Bldg 2</b>																																	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590	590				
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building L																																	53.3	47.3	43.8	54.7	53.3	53.1	50.7	50.4																												
Equipment (dBA)																																	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building L																																	51.8	52.9	52.0	45.5	41.4	8.1																														
Equipment (dBA)																																	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720			
Distance																																	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building L																																	51.1	50.7	43.3	42.8																																
Equipment (dBA)																																	53.3	47.3	43.8	54.7	55.7	56.0	54.4	51.6	41.4	10.6	52.0	51.7	49.2	48.4	47.8	42.2	42.2	9.0	7.8	53.2	52.8	49.9	49.7	48.5	42.2	39.5	37.9	51.6	51.3	49.6	53.4	52.5	45.8	44.4	36.0	
Equipment subtotal																																	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0		
Background Site #10																																	64.4	64.1	64.0	64.5	64.6	64.6	64.5	64.2	64.0	64.3	64.2	64.1	64.1	64.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
Total noise																																	0.4	0.1	0.0	0.5	0.6	0.6	0.5	0.2	0.0	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.2	0.2	0.2	0.4	0.3	0.1	0.0	0.0	
Increase																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Weeks > 3 dBA increment																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Weeks > 18 dBA increment																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Weeks > 85 dBA																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

0 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	26.0																													57.3	56.9	55.3	55.0	53.5	47.9	45.0	41.7
	26.4																													56.8	56.5	54.8	54.6	53.1	47.4	44.5	41.2
	26.8																													56.4	56.1	54.4	54.2	52.7	47.0	44.1	40.8
<b>Bldg 2</b>	29.2																	58.8	58.5	55.6	55.4	54.2	47.8	45.2	43.6												
	25.7																	58.4	58.0	55.1	54.9	53.7	47.4	44.7	43.1												
	26.1																	57.9	57.6	54.7	54.5	53.3	46.9	44.3	42.7												
<b>Bldg 3</b>	25.3													57.7	57.4	54.8	54.1	53.4	47.9	47.9	10.3																
	25.8													57.2	56.9	54.4	53.6	53.0	47.4	47.4	9.8																
	26.2													56.8	56.5	53.9	53.2	52.5	47.0	47.0	9.4																
20log(dist+50/50)																																					
<b>Bldg 4</b>	22.1	59.2	53.1	49.6	60.5	59.2	58.9	56.5	56.2																												
	22.8	58.5	52.5	49.0	59.8	58.5	58.2	55.9	55.6																												
	23.4	57.9	51.9	48.4	59.2	57.9	57.6	55.3	55.0																												
<b>Bldg 5</b>	21.6																	57.7	58.6	57.9	51.4	47.2	14.0														
	22.3																	57.0	58.1	57.2	50.7	46.5	13.3														
	22.9																	56.4	57.5	56.5	50.0	45.9	12.6														
<b>School</b>	23.8																									56.9	56.4	49.1	48.6								
	24.3																									56.3	55.9	48.5	48.0								
	24.8																									55.8	55.3	48.0	47.5								

20-Aug-14

Distances from Property Line for Each 1/3

50 100 150

Receptor Group #54C	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																									
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																													
<b>Bldg 1</b>																													1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000			
Distance																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building IL																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																													51.2	50.9	49.2	49.0	47.5	41.8	38.9	35.6																												
<b>Bldg 2</b>																													930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930			
Distance																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building IL																													52.6	52.2	49.3	49.1	47.9	41.5	38.9	37.3																												
Equipment (dBA)																													51.4	51.1	48.5	47.8	47.2	41.6	41.6	4.0																												
<b>Bldg 3</b>																													940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940			
Distance																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building IL*																													51.4	51.1	48.5	47.8	47.2	41.6	41.6	4.0																												
Equipment (dBA)																													52.5	46.5	42.9	53.8	52.5	52.2	49.8	49.5																												
<b>Bldg 4</b>																													660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660			
Distance																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building IL*																													52.5	46.5	42.9	53.8	52.5	52.2	49.8	49.5																												
Equipment (dBA)																													52.5	46.5	42.9	53.8	52.5	52.2	49.8	49.5																												
<b>Bldg 5</b>																													620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620			
Distance																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building IL																													50.9	52.0	51.1	44.6	40.5	7.2																														
Equipment (dBA)																													50.9	52.0	51.1	44.6	40.5	7.2																														
<b>School</b>																													790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790				
Distance																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building IL																													50.4	49.9	42.6	42.1																																
Equipment (dBA)																													50.4	49.9	42.6	42.1																																
<b>Equipment subtotal</b>																													52.5	46.5	42.9	53.8	54.8	55.1	53.5	50.7	40.5	10.1	51.4	51.1	48.5	47.8	47.2	41.6	41.6	8.8	7.8	52.6	52.2	49.3	49.1	47.9	41.5	38.9	37.3	51.2	50.9	49.2	52.8	51.9	45.2	43.8	35.6	
<b>Background Site #10</b>																													64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0		
<b>Total noise</b>																													64.3	64.1	64.0	64.4	64.5	64.5	64.4	64.2	64.0	64.0	64.2	64.2	64.1	64.1	64.1	64.0	64.0	64.0	64.0	64.0	64.3	64.0	64.0	64.1	64.1	64.0	64.0	64.0	64.2	64.2	64.1	64.3	64.3	64.1	64.0	64.0
<b>Increase</b>																													0.3	0.1	0.0	0.4	9.5	0.5	0.4	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.1	0.3	0.3	0.1	0.0	0.0	
<b>Weeks &gt; 3 dBA increment</b>																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Weeks &gt; 18 dBA increment</b>																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Weeks &gt; 85 dBA</b>																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

0 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	26.4																											56.8	56.5	54.8	54.6	53.1	47.4	44.5	41.2
	26.8																											56.4	56.1	54.4	54.2	52.7	47.0	44.1	40.8
	27.2																											56.0	55.7	54.1	53.8	52.3	46.6	43.7	40.4
<b>Bldg 2</b>	25.8																			58.2	57.8	54.9	54.7	53.5	47.2	44.5	42.9								
	26.3																			57.8	57.4	54.5	54.3	53.1	46.8	44.1	42.5								
	26.7																			57.4	57.0	54.1	53.9	52.7	46.3	43.7	42.1								
<b>Bldg 3</b>	25.9											57.1	56.7	54.2	53.5	52.8	47.3	47.3	9.6																
	26.4											56.6	56.3	53.8	53.0	52.4	46.8	46.8	9.2																
	26.8											56.2	55.9	53.3	52.6	52.0	46.4	46.4	8.8																
<b>Bldg 4</b>	23.0	58.3	52.2	48.7	59.6	58.3	58.0	55.6	55.3																										
	23.6	57.7	51.6	48.1	59.0	57.7	57.4	55.0	54.7																										
	24.2	57.1	51.1	47.6	58.5	57.1	56.8	54.5	54.2																										
<b>Bldg 5</b>	22.5											56.7	57.9	56.9	50.4	46.3	13.0																		
	23.2											56.1	57.2	56.3	49.8	45.7	12.4																		
	23.8											55.5	56.6	55.7	49.2	45.1	11.8																		
<b>School</b>	24.5																			56.1	55.6	48.3	47.8												
	25.0																			55.6	55.1	47.8	47.3												
	25.5																			55.1	54.7	47.3	46.8												

Receptor Group #56A	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																									
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																													
<b>Bldg 1</b>																													720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720		
Distance Building L																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Equipment (dBA)																													58.8	58.4	56.8	56.6	55.1	49.4	46.5	43.2																												
<b>Bldg 2</b>																													640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	
Distance Building L																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Equipment (dBA)																													60.5	60.1	57.2	57.0	55.8	49.4	46.8	45.2																												
<b>Bldg 3</b>																													680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	
Distance Building L*																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Equipment (dBA)																													58.9	58.6	56.1	55.3	54.7	49.1	49.1	11.5																												
<b>Bldg 4</b>																													380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	
Distance Building L*																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Equipment (dBA)																													61.5	55.5	52.0	62.9	61.5	61.3	58.9	58.6																												
<b>Bldg 5</b>																													380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	
Distance Building L																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Equipment (dBA)																													59.5	60.6	59.7	53.2	49.0	15.8																														
<b>School</b>																													540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	
Distance Building L																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Equipment (dBA)																													58.3	57.8	50.5	50.0																																
<b>Equipment subtotal</b>	61.5	55.5	52.0	62.9	63.6	64.0	62.3	59.7	49.0	16.3	58.9	58.6	56.1	55.3	54.7	49.1	49.1	12.8	7.8	60.5	60.1	57.2	57.0	55.8	49.4	46.8	45.2	58.8	58.4	56.8	56.6	55.1	49.4	46.5	43.2																													
<b>Background Site #3</b>	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9																													
<b>Total noise</b>	68.0	67.2	67.0	68.3	68.6	68.7	68.2	67.2	67.0	66.9	67.5	67.5	67.2	67.2	67.0	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9																												
<b>Increase</b>	1.1	0.3	0.1	1.4	1.7	1.6	1.3	0.8	0.1	0.0	0.6	0.6	0.3	0.3	0.3	0.1	0.1	0.0	0.0	0.9	0.8	0.4	0.4	0.3	0.1	0.0	0.0	0.6	0.6	0.4	0.9	0.8	0.2	0.1	0.0																													
<b>Weeks &gt; 3 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
<b>Weeks &gt; 18 dBA increment</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												
<b>Weeks &gt; 85 dBA</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																												

0 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	23.8																											59.5	59.2	57.5	57.3	55.8	50.1	47.2	43.9
	24.3																											59.0	58.6	57.0	56.8	55.3	49.6	46.7	43.4
	24.8																											58.5	58.1	56.5	56.3	54.8	49.1	46.2	42.9
<b>Bldg 2</b>	22.8																											61.3	60.9	58.0	57.8	56.6	50.2	47.8	46.0
	23.4																											60.6	60.3	57.4	57.2	56.0	49.6	47.0	45.4
	24.0																											60.1	59.7	56.8	56.6	55.4	49.1	46.4	44.8
<b>Bldg 3</b>	23.3																											59.7	59.4	56.8	56.1	55.4	49.9	49.9	12.3
	23.9																											59.1	58.8	56.3	55.5	54.9	49.3	49.3	11.7
	24.4																											58.6	58.3	55.7	55.0	54.3	48.8	48.8	11.2
<b>20log(dist+50/50)</b>																																			
<b>Bldg 4</b>	18.7	62.6	56.6	53.1	64.0	62.6	62.3	60.0	59.7																										
	19.6	61.7	55.6	52.1	63.0	61.7	61.4	59.0	58.7																										
	20.5	60.8	54.8	51.3	62.1	60.8	60.5	58.2	57.9																										
<b>Bldg 5</b>	18.7	60.8	61.7	60.7	54.3	50.1	16.9																												
	19.6	59.6	60.8	59.8	53.3	49.2	15.9																												
	20.5	58.8	59.9	58.9	52.4	48.3	15.0																												
<b>School</b>	21.4																											59.2	58.7	51.4	50.9				
	22.1																											58.5	58.0	50.7	50.2				
	22.8																											57.8	57.4	50.0	49.5				

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Distances from Property Line for Each 1/3

50 100 150

Receptor Group #568	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																																	
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																																					
<b>Bldg 1</b>																																	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760							
Distance Building IL																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5					
Equipment (dBA)																																	58.4	58.0	56.4	56.2	54.7	49.0	46.1	42.8																																
<b>Bldg 2</b>																																	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640					
Distance Building IL																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Equipment (dBA)																																	60.5	60.1	57.2	57.0	55.8	49.4	46.8	45.2																																
<b>Bldg 3</b>																																	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660				
Distance Building IL*																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Equipment (dBA)																																	59.2	58.9	56.3	55.6	54.9	49.4	49.4	11.7																																
<b>Bldg 4</b>																																	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380	380				
Distance Building IL*																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Equipment (dBA)																																	61.5	55.5	52.0	62.9	61.5	61.3	58.9	58.6																																
<b>Bldg 5</b>																																	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350			
Distance Building IL																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Equipment (dBA)																																	60.1	61.2	60.2	53.7	49.6	16.4																																		
<b>School</b>																																	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520				
Distance Building IL																																	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Equipment (dBA)																																	58.6	58.1	50.8	50.3																																				
<b>Equipment subtotal</b>																																	61.5	55.5	52.0	62.9	63.9	64.2	62.6	59.8	49.6	16.8	59.2	58.9	56.3	55.6	54.9	49.4	49.4	13.0	7.8	60.5	60.1	57.2	57.0	55.8	49.4	46.8	45.2	58.4	58.0	56.4	56.2	54.7	49.0	46.1	42.8					
<b>Background Site #9</b>																																	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1			
<b>Total noise</b>																																	71.6	71.2	71.2	71.7	71.9	71.9	71.7	71.4	71.4	71.2	71.2	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.2	71.5	71.4	71.2	71.1	71.1			
<b>Increase</b>																																	0.5	0.1	0.1	0.6	0.8	0.6	0.3	0.0	0.0	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.2	0.2	0.1	0.4	0.3	0.1	0.0	0.0				
<b>Weeks &gt; 3 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
<b>Weeks &gt; 18 dBA increment</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Weeks &gt; 85 dBA</b>																																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

0 weeks > 3 dBA
0 weeks > 18 dBA
0 weeks > 85 dBA

<b>Bldg 1</b>	24.2																													59.1	58.8	57.1	56.9	55.4	49.7	46.8	43.5
	24.7																													58.6	58.2	56.6	56.4	54.9	49.2	46.3	43.0
	25.2																													58.1	57.7	56.1	55.9	54.4	48.7	45.8	42.5
<b>Bldg 2</b>	22.8																													61.3	60.9	58.0	57.8	56.6	50.2	47.8	46.0
	23.4																													60.6	60.3	57.4	57.2	56.0	49.6	47.0	45.4
	24.0																													60.1	59.7	56.8	56.6	55.4	49.1	46.4	44.8
<b>Bldg 3</b>	23.0																													59.9	59.6	57.1	56.4	55.7	50.2	50.2	12.5
	23.6																													59.4	59.0	56.5	55.8	55.1	49.6	49.6	11.9
	24.2																													58.8	58.5	55.9	55.2	54.5	49.0	49.0	11.4
<b>Bldg 4</b>	18.7	62.6	56.6	53.1	64.0	62.6	62.3	60.0	59.7																												
	19.6	61.7	55.6	52.1	63.0	61.7	61.4	59.0	58.7																												
	20.5	60.8	54.8	51.3	62.1	60.8	60.5	58.2	57.9																												
<b>Bldg 5</b>	18.1	61.2	62.3	61.4	54.9	50.8	17.5																														
	19.1	60.2	61.3	60.4	53.9	49.7	16.5																														
	20.0	59.3	60.4	59.4	52.9	48.8	15.6																														
<b>School</b>	21.1																													59.5	59.0	51.7	51.2				
	21.9																													58.7	58.3	50.9	50.4				
	22.5																													58.1	57.6	50.3	49.8				

20-Aug-14 Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #56C	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																									
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																													
Bldg 1																													860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860			
Distance Building IL																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Equipment (dBA)																													57.4	57.1	55.4	55.2	53.7	48.0	45.1	41.8																												
Bldg 2																													750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750			
Distance Building IL																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Equipment (dBA)																													59.2	58.9	56.0	55.8	54.6	48.2	45.6	44.0																												
Bldg 3																													760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760	760			
Distance Building IL*																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Equipment (dBA)																													58.1	57.8	55.2	54.5	53.8	48.3	48.3	10.6																												
Bldg 4																													490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490				
Distance Building IL*																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Equipment (dBA)																													59.7	53.7	50.2	61.0	59.7	59.4	57.1	56.8																												
Bldg 5																													460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460				
Distance Building IL																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Equipment (dBA)																													58.1	59.3	58.3	51.8	47.7	14.4																														
School																													600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600				
Distance Building IL																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
Equipment (dBA)																													57.5	57.0	49.7	49.2																																
Equipment subtotal																													59.7	53.7	50.2	61.0	62.0	62.4	60.7	58.0	47.7	15.1	58.1	57.8	55.2	54.5	53.8	48.3	48.3	12.2	7.8	59.2	58.9	56.0	55.8	54.6	48.2	45.6	44.0	57.4	57.1	55.4	55.2	53.7	48.0	45.1	41.8	
Background Site #9																													71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1		
Total noise																													71.4	71.2	71.1	71.5	71.6	71.6	71.5	71.3	71.1	71.1	71.3	71.3	71.2	71.2	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
Increase																													0.3	0.1	0.0	0.4	0.5	0.6	0.4	0.2	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.1	0.3	0.2	0.1	0.0	0.0	
Weeks > 3 dBA increment																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weeks > 18 dBA increment																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weeks > 85 dBA																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

0 weeks > 3 dBA  
0 weeks > 18 dBA  
0 weeks > 85 dBA

Bldg 1	25.2																											58.1	57.7	56.1	55.9	54.4	48.7	45.8	42.5
	25.7																											57.6	57.3	55.6	55.4	53.9	48.2	45.3	42.0
	25.1																											57.2	56.8	55.2	55.0	53.5	47.8	44.9	41.6
Bldg 2	24.1																											60.0	59.6	58.7	58.5	55.3	48.9	46.3	44.7
	24.6																											59.4	59.1	58.2	58.0	54.8	48.4	45.8	44.2
	25.1																											58.9	58.6	55.7	55.5	54.3	47.9	45.3	43.7
Bldg 3	24.2																											58.8	58.5	55.9	55.2	54.5	49.0	49.0	11.4
	24.7																											58.3	58.0	55.4	54.7	54.0	48.5	48.5	10.8
	25.2																											57.8	57.5	54.9	54.2	53.5	48.0	48.0	10.4
20log(dist+50/50)																																			
Bldg 4	20.7	60.6	54.6	51.1	62.0	60.6	60.4	58.0	57.7																										
	21.4	59.9	53.8	50.3	61.2	59.9	59.6	57.2	56.9																										
	22.1	59.2	53.1	49.6	60.5	59.2	58.9	56.5	56.2																										
Bldg 5	20.2																											59.1	60.2	59.3	52.8	48.6	15.4		
	21.0																											58.3	59.4	58.5	52.0	47.8	14.6		
	21.7																											57.6	58.7	57.7	51.2	47.1	13.8		
School	22.3																											58.3	57.9	50.5	50.0				
	22.9																											57.7	57.2	49.9	49.4				
	23.5																											57.1	56.6	49.3	48.8				

20-Aug-14 Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #57A	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																									
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																													
<b>Bldg 1</b>																													650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650			
Distance																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building L																													54.6	54.2	52.6	52.4	50.9	45.2	42.3	39.0																												
Equipment (dBA)																													55.5	55.1	52.2	52.0	50.8	44.4	41.8	40.2																												
<b>Bldg 2</b>																													700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700			
Distance																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building L																													53.7	53.4	50.8	50.1	49.5	43.9	43.9	6.3																												
Equipment (dBA)																													400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400			
Distance																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Building L*																													61.2	55.1	51.6	62.5	61.2	60.9	58.5	58.2																												
Equipment (dBA)																													480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480			
Distance																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Building L																													57.8	58.9	58.0	51.5	47.4	14.1																														
Equipment (dBA)																													620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620			
Distance																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Building L																													52.3	51.8	44.5	44.0																																
Equipment (dBA)																													61.2	55.1	51.6	62.5	62.8	63.0	61.3	59.1	47.4	14.9	53.7	53.4	50.8	50.1	49.5	43.9	43.9	9.7	7.8	55.5	55.1	52.2	52.0	50.8	44.4	41.8	40.2	54.6	54.2	52.6	52.4	50.9	45.2	42.3	39.0	
Equipment subtotal																													66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9		
Background Site #3																													67.9	67.2	67.0	68.2	68.3	68.4	67.9	66.9	67.1	67.1	67.0	67.0	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
Total noise																													1.0	0.3	0.1	1.3	1.4	1.5	1.0	0.7	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.2	0.1	0.0	0.0	
Increase																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Weeks > 3 dBA increment																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Weeks > 18 dBA increment																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Weeks > 85 dBA																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

0 weeks > 3 dBA  
0 weeks > 18 dBA  
0 weeks > 85 dBA

<b>Bldg 1</b>	22.9																													60.3	60.0	58.4	58.1	56.6	51.0	48.1	44.7																				
	23.5																													59.7	59.4	57.8	57.5	56.0	50.4	47.5	44.1																				
	24.1																													59.2	58.9	57.2	57.0	55.5	49.8	46.9	43.6																				
<b>Bldg 2</b>	22.8																													61.3	60.9	58.0	57.8	56.6	50.2	47.8	46.0																				
	23.4																													60.6	60.3	57.4	57.2	56.0	49.6	47.0	45.4																				
	24.0																													60.1	59.7	56.8	56.6	55.4	49.1	46.4	44.8																				
<b>Bldg 3</b>	23.5																													59.5	59.2	56.6	55.9	55.2	49.7	49.7	12.0																				
	24.1																													58.9	58.6	56.0	55.3	54.6	49.1	49.1	11.5																				
	24.6																													58.4	58.1	55.5	54.8	54.1	48.6	48.6	10.9																				
20log(dist+50/50)																																																									
<b>Bldg 4</b>	19.1	62.2	56.2	52.7	63.6	62.2	62.0	59.6	59.3																																																
	20.0	61.3	55.3	51.8	62.6	61.3	61.0	58.7	58.4																																																
	20.8	60.5	54.5	50.9	61.8	60.5	60.2	57.8	57.5																																																
	20.5																													58.8	59.9	58.9	52.4	48.3	15.0																						
<b>Bldg 5</b>	21.3																													58.0	59.1	58.1	51.7	47.5	14.3																						
	22.0																													57.3	58.4	57.4	50.9	46.8	13.5																						
<b>School</b>	22.5																													58.1	57.6	50.3	49.8																								
	23.2																													57.4	57.0	49.7	49.2																								
	23.8																													56.9	56.4	49.1	48.6																								

20-Aug-14 Distances from Property Line for Each 1/3  
50 100 150

Receptor Group #578	2014				2015				2016				2017				2018				2019				2020				2021				2022				2023		Weeks > 3 dBA																									
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2																													
Bldg 1																													680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680	680			
Distance Building IL																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																													54.2	53.9	52.2	52.0	50.5	44.8	41.9	38.6																												
Bldg 2																													640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640	640			
Distance Building IL																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																													55.5	55.1	52.2	52.0	50.8	44.4	41.8	40.2																												
Bldg 3																													690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690			
Distance Building IL*																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
Equipment (dBA)																													53.8	53.5	50.9	50.2	49.6	44.0	44.0	6.4																												
Bldg 4																													390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390			
Distance Building IL*																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Equipment (dBA)																													61.3	55.3	51.8	62.7	61.3	61.1	58.7	58.4																												
Bldg 5																													460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460	460			
Distance Building IL																													5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Equipment (dBA)																													58.1	59.3	58.3	51.8	47.7	14.4																														
School																													600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600			
Distance Building IL																													10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Equipment (dBA)																													52.5	52.0	44.7	44.2																																
Equipment subtotal																													61.3	55.3	51.8	62.7	63.0	63.3	61.5	59.3	47.7	15.1	53.8	53.5	50.9	50.2	49.6	44.0	44.0	9.7	7.8	55.5	55.1	52.2	52.0	50.8	44.4	41.8	40.2	54.2	53.9	52.2	52.0	55.3	54.4	47.8	46.2	38.6
Background Site #3																													66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
Total noise																													68.0	67.2	67.0	68.3	68.4	68.5	68.0	67.6	67.0	66.9	67.1	67.1	67.0	67.0	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
Increase																													1.1	0.3	0.1	1.4	1.5	1.6	1.1	0.7	0.1	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.1	0.3	0.2	0.1	0.0	0.0	
Weeks > 3 dBA increment																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weeks > 18 dBA increment																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weeks > 85 dBA																													0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

0 weeks > 3 dBA  
0 weeks > 18 dBA  
0 weeks > 85 dBA

Bldg 1	23.3																											60.0	59.7	58.0	57.8	56.3	50.6	47.7	44.4										
	23.9																											59.4	59.1	57.4	57.2	55.7	50.0	47.1	43.8										
	24.4																											58.9	58.5	56.9	56.7	55.2	49.5	46.6	43.3										
Bldg 2	22.8																											61.3	60.9	58.0	57.8	56.6	50.2	47.8	46.0										
	23.4																											60.6	60.3	57.4	57.2	56.0	49.6	47.0	45.4										
	24.0																											60.1	59.7	56.8	56.6	55.4	49.1	46.4	44.8										
Bldg 3	23.4																											59.6	59.3	56.7	56.0	55.3	49.8	49.8	12.2										
	24.0																											59.0	58.7	56.1	55.4	54.8	49.2	49.2	11.6										
	24.5																											58.5	58.2	55.6	54.9	54.2	48.7	48.7	11.0										
Bldg 4	18.9	62.4	56.4	52.9	63.8	62.4	62.1	59.8	59.5																																				
	19.8	61.5	55.5	51.9	62.8	61.5	61.2	58.8	58.5																																				
	20.7	60.6	54.6	51.1	62.0	60.6	60.4	58.0	57.7																																				
Bldg 5	20.2																											59.1	60.2	59.3	52.8	48.6	15.4												
	21.0																											58.3	59.4	58.5	52.0	47.8	14.6												
	21.7																											57.6	58.7	57.7	51.2	47.1	13.8												
School	22.3																											58.3	57.9	50.5	50.0														
	22.9																											57.7	57.2	49.9	49.4														
	23.5																											57.1	56.6	49.3	48.8														









