

## APPENDIX A: A PRIMER ON SOUND AND NOISE

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Sound consists of tiny, repeating fluctuations in ambient air pressure. The strength, or amplitude, of these fluctuations determines the sound pressure level. “Noise” can be defined as “a sound of any kind, especially when loud, confused, indistinct, or disagreeable.”

### **Expressing Sound in Decibel Levels**

The varying air pressure that constitutes sound can be characterized in many different ways. The human ear is the basis for the metrics that are used in acoustics. Normal human hearing is sensitive to sound fluctuations over an enormous range of pressures, from about 20 micropascals (the “threshold of audibility”) to about 20 pascals (the “threshold of pain”).<sup>95</sup> This factor of one million in sound pressure difference is challenging to convey in engineering units. Instead, sound pressure is converted to sound “levels” in units of “decibels” (dB, named after Alexander Graham Bell). Once a measured sound is converted to dB, it is denoted as a level with the letter “L.”

The conversion from sound pressure in pascals to sound level in dB is a four-step process. First, the sound wave’s measured amplitude is squared and the mean is taken. Second, a ratio is taken between the mean square sound pressure and the square of the threshold of audibility (20 micropascals). Third, using the logarithm function, the ratio is converted to factors of 10. The final result is multiplied by 10 to give the decibel level. By this decibel scale, sound levels range from 0 dB at the threshold of audibility to 120 dB at the threshold of pain.

Typical sources of noise, and their sound pressure levels, are listed on the scale in Figure 164.

### **Human Response to Sound Levels: Apparent Loudness**

For every 20 dB increase in sound level, the sound pressure increases by a *factor* of 10; the sound *level* range from 0 dB to 120 dB covers 6 factors of 10, or one million, in sound *pressure*. However, for an increase of 10 dB in sound *level* as measured by a meter, humans perceive an approximate doubling of apparent loudness: to the human ear, a sound level of 70 dB sounds about “twice as loud” as a sound level of 60 dB. Smaller changes in sound level, less than 3 dB up or down, are generally not perceptible.

### **Frequency Spectrum of Sound**

The “frequency” of a sound is the rate at which it fluctuates in time, expressed in Hertz (Hz), or cycles per second. Few sounds occur at only one frequency: most sound contains energy at many different frequencies, and it can be broken down into different frequency divisions, or bands. These bands are similar to musical pitches, from low tones to high tones. The most common division is the standard octave band. An octave is the range of

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<sup>95</sup> The pascal is a measure of pressure in the metric system. In Imperial units, they are themselves very small: one pascal is only 145 millionths of a pound per square inch (psi). The sound pressure at the threshold of audibility is only 3 one-billionths of one psi: at the threshold of pain, it is about 3 one-thousandths of one psi.

frequencies whose upper frequency limit is twice its lower frequency limit, exactly like an octave in music. An octave band is identified by its center frequency: each successive band's center frequency is twice as high (one octave) as the previous band. For example, the 500 Hz octave band includes all sound whose frequencies range between 354 Hz (Hertz, or cycles per second) and 707 Hz. The next band is centered at 1,000 Hz with a range between 707 Hz and 1,414 Hz. The range of human hearing is divided into 10 standard octave bands: 31.5 Hz, 63 Hz, 125 Hz, 250 Hz, 500 Hz, 1,000 Hz, 2,000 Hz, 4,000 Hz, 8,000 Hz, and 16,000 Hz. For analyses that require finer frequency detail, each octave band can be subdivided. A commonly used subdivision creates three smaller bands within each octave band, or so-called 1/3-octave bands.

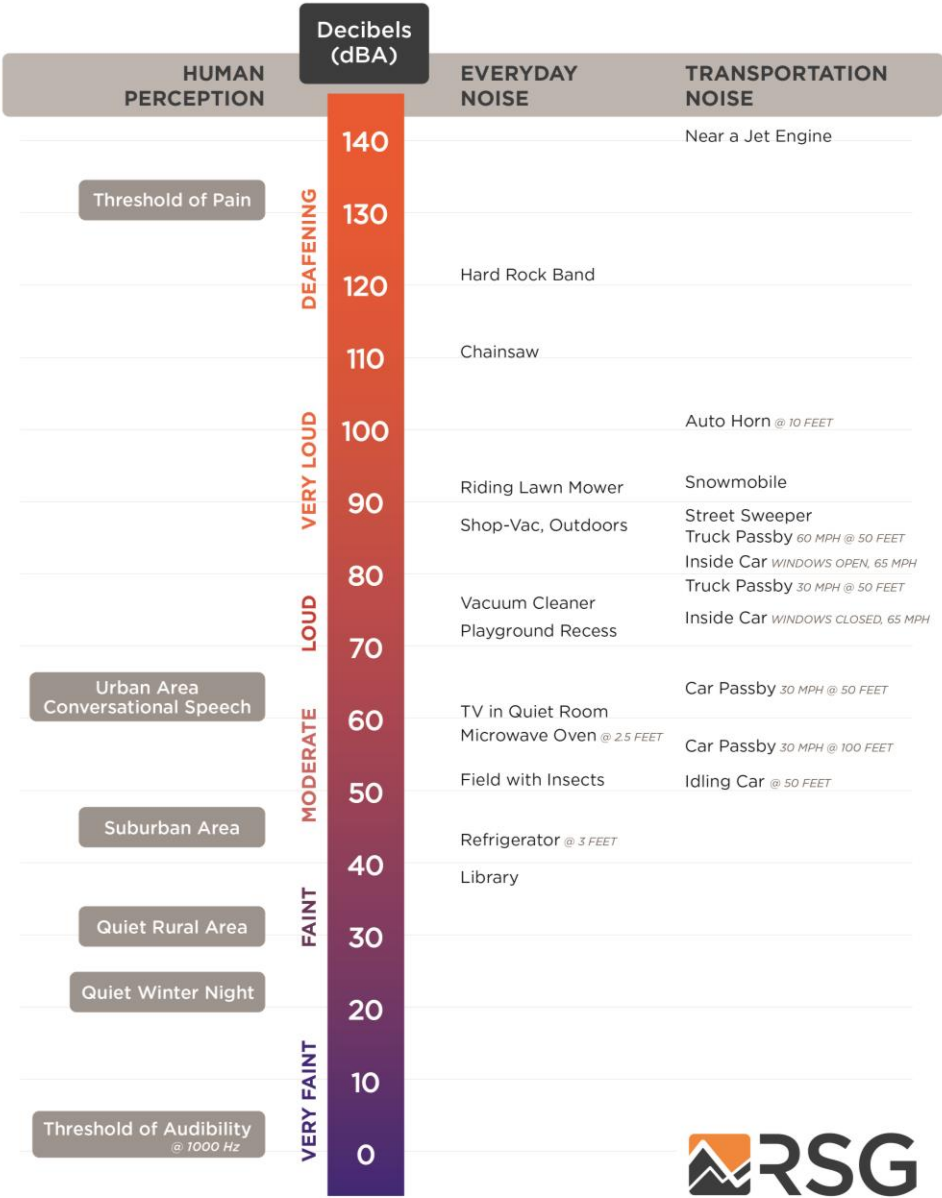


FIGURE 164: A SCALE OF SOUND PRESSURE LEVELS FOR TYPICAL NOISE SOURCES

### ***Human Response to Frequency: Weighting of Sound Levels***

The human ear is not equally sensitive to sounds of all frequencies. Sounds at some frequencies seem louder than others, despite having the same decibel level as measured by a sound level meter. In particular, human hearing is much more sensitive to medium pitches (from about 500 Hz to about 4,000 Hz) than to low or high pitches. For example, a tone measuring 80 dB at 500 Hz (a medium pitch) sounds quite a bit louder than a tone measuring 80 dB at 60 Hz (a low pitch). The frequency response of normal human hearing ranges from 20 Hz to 20,000 Hz. Below 20 Hz, sound pressure fluctuations are not “heard,” but sometimes can be “felt.” This is known as “infrasound.” Likewise, above 20,000 Hz, sound can no longer be heard by humans; this is known as “ultrasound.” As humans age, they tend to lose the ability to hear higher frequencies first; many adults do not hear well above about 16,000 Hz. Most natural and man-made sound occurs in the range from about 40 Hz to about 4,000 Hz. Some insects and birdsongs reach to about 8,000 Hz.

To adjust measured sound pressure levels so that they mimic human hearing response, sound level meters apply filters, known as “frequency weightings,” to the signals. Several defined weighting scales exist, including “A,” “B,” “C,” “D,” “G,” and “Z.” The most common weighting scale used in environmental noise analysis and regulation is A-weighting. This weighting represents the sensitivity of the human ear to sounds of low to moderate level. It attenuates sounds with frequencies below 1,000 Hz and above 4,000 Hz; it slightly amplifies sounds between 1,000 Hz and 4,000 Hz, where the human ear is particularly sensitive. The C-weighting scale is sometimes used to describe louder sounds. The B- and D-scales are seldom used. These frequency-weighting scales are normalized to the average human hearing response at 1,000 Hz: at this frequency, the filters neither attenuate nor amplify. When a reported sound level has been filtered using a frequency weighting, the letter is appended to “dB.” For example, sound with A-weighting is usually denoted “dBA.” When no filtering is applied, the level is denoted “dB” or “dBZ.” The letter is also appended as a subscript to the level indicator “L,” for example “L<sub>A</sub>” for A-weighted levels.

### ***Time Response of Sound Level Meters***

Because sound levels can vary greatly from one moment to the next, the time over which sound is measured can influence the value of the levels reported. Often, sound is measured in real time, as it fluctuates. In this case, acousticians apply a so-called “time response” to the sound level meter, and this time response is often part of regulations for measuring noise. If the sound level is varying slowly, over a few seconds, “Slow” time response is applied, with a time constant of one second. If the sound level is varying quickly (for example, if brief events are mixed into the overall sound), “Fast” time response can be applied, with a time constant of one-eighth of a second.<sup>96</sup> The time response setting for a sound level measurement is indicated with the subscript “S” for Slow and “F” for Fast: L<sub>S</sub> or L<sub>F</sub>. A sound level meter set to Fast time response will indicate higher sound levels than one set to

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<sup>96</sup> There is a third time response defined by standards, the “Impulse” response. This response was defined to enable use of older, analog meters when measuring very brief noises; it is no longer in common use.

Slow time response when brief events are mixed into the overall sound, because it can respond more quickly.

In some cases, the maximum sound level that can be generated by a source is of concern. Likewise, the minimum sound level occurring during a monitoring period may be required. To measure these, the sound level meter can be set to capture and hold the highest and lowest levels measured during a given monitoring period. This is represented by the subscript “max,” denoted as “ $L_{\text{max}}$ .” One can define a “max” level with Fast response  $L_{\text{Fmax}}$  (1/8-second time constant), Slow time response  $L_{\text{Smax}}$  (1-second time constant), or Continuous Equivalent level over a specified time period  $L_{\text{eq, max}}$ . Note that, in the precedents set by the former Environmental Board under Vermont Act 250, the time response is not specified, but in the Barre Granite case which set the 55 dBA  $L_{\text{max}}$  precedent the metric  $L_{\text{Smax}}$  (a 1-second response time) was used. Since that time, maximum  $L_{\text{eq (1-second)}}$  has also been used as it is comparable to the  $L_{\text{Smax}}$ .

### ***Accounting for Changes in Sound Over Time***

A sound level meter’s time response settings are useful for continuous monitoring. However, they are less useful in summarizing sound levels over longer periods. To do so, acousticians apply simple statistics to the measured sound levels, resulting in a set of defined types of sound level related to averages over time. An example is shown in Figure 165. The sound level at each instant of time is the grey trace going from left to right. Over the total time it was measured (100 seconds in the figure), the sound energy spends certain fractions of time near various levels, ranging from the minimum (about 37 dB in the figure) to the maximum (about 68 dB in the figure). The simplest descriptor is the average sound level, known as the Equivalent Continuous Sound Level. Statistical levels are used to determine for what percentage of time the sound is louder than any given level. These levels are described in the following sections.

### ***Equivalent Continuous Sound Level— $L_{\text{eq}}$***

One straightforward, common way of describing sound levels is in terms of the Continuous Equivalent Sound Level, or  $L_{\text{eq}}$ . The  $L_{\text{eq}}$  is the average sound pressure level over a defined period of time, such as one hour or one day.  $L_{\text{eq}}$  is the most commonly used descriptor in noise standards and regulations.  $L_{\text{eq}}$  is representative of the overall sound to which a person is exposed. Because of the logarithmic calculation of decibels,  $L_{\text{eq}}$  tends to favor higher sound levels: loud and infrequent sources have a larger impact on the resulting average sound level than quieter but more frequent noises. For example, in Figure 165, even though the sound levels spends most of the time near about 47 dBA, the  $L_{\text{eq}}$  is 53 dBA, having been “inflated” by the maximum level of 68 dBA.

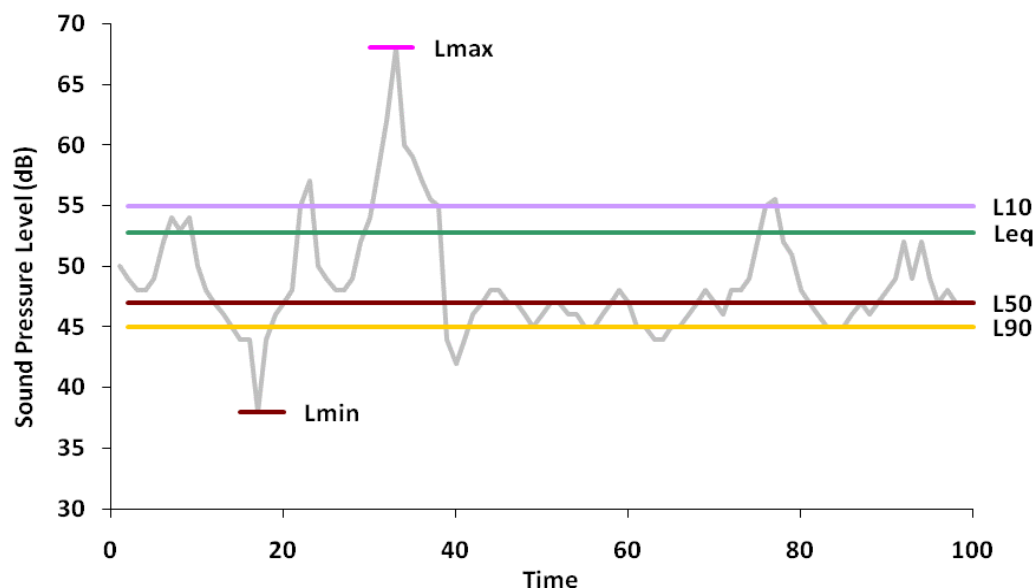


FIGURE 165: EXAMPLE OF DESCRIPTIVE TERMS OF SOUND MEASUREMENT OVER TIME

#### **Percentile Sound Levels – $L_N$**

Percentile sound levels describe the statistical distribution of sound levels over time. “ $L_N$ ” is the level above which the sound spends “ $N$ ” percent of the time. For example,  $L_{90}$  (sometimes called the “residual base level”) is the sound level exceeded 90% of the time: the sound is louder than  $L_{90}$  most of the time.  $L_{10}$  is the sound level that is exceeded only 10% of the time.  $L_{50}$  (the “median level”) is exceeded 50% of the time: half of the time the sound is louder than  $L_{50}$ , and half the time it is quieter than  $L_{50}$ . Note that  $L_{50}$  (median) and  $L_{eq}$  (mean) are not always the same, for reasons described in the previous section.

$L_{90}$  is often a good representation of the “ambient sound” in an area. This is the sound that persists for longer periods, and below which the overall sound level seldom falls. It tends to filter out other short-term environmental sounds that are not part of the source being investigated.  $L_{10}$  represents the higher, but less frequent, sound levels. These could include such events as barking dogs, vehicles driving by and aircraft flying overhead, gusts of wind, and work operations.  $L_{90}$  represents the background sound that is present when these event noises are excluded.

Note that if one sound source is constant and dominates the noise in an area, all the descriptive sound levels mentioned here tend toward the same value. It is when the sound is varying widely from one moment to the next that the statistical descriptors are useful.

## APPENDIX B: SOUND SOURCE INFORMATION

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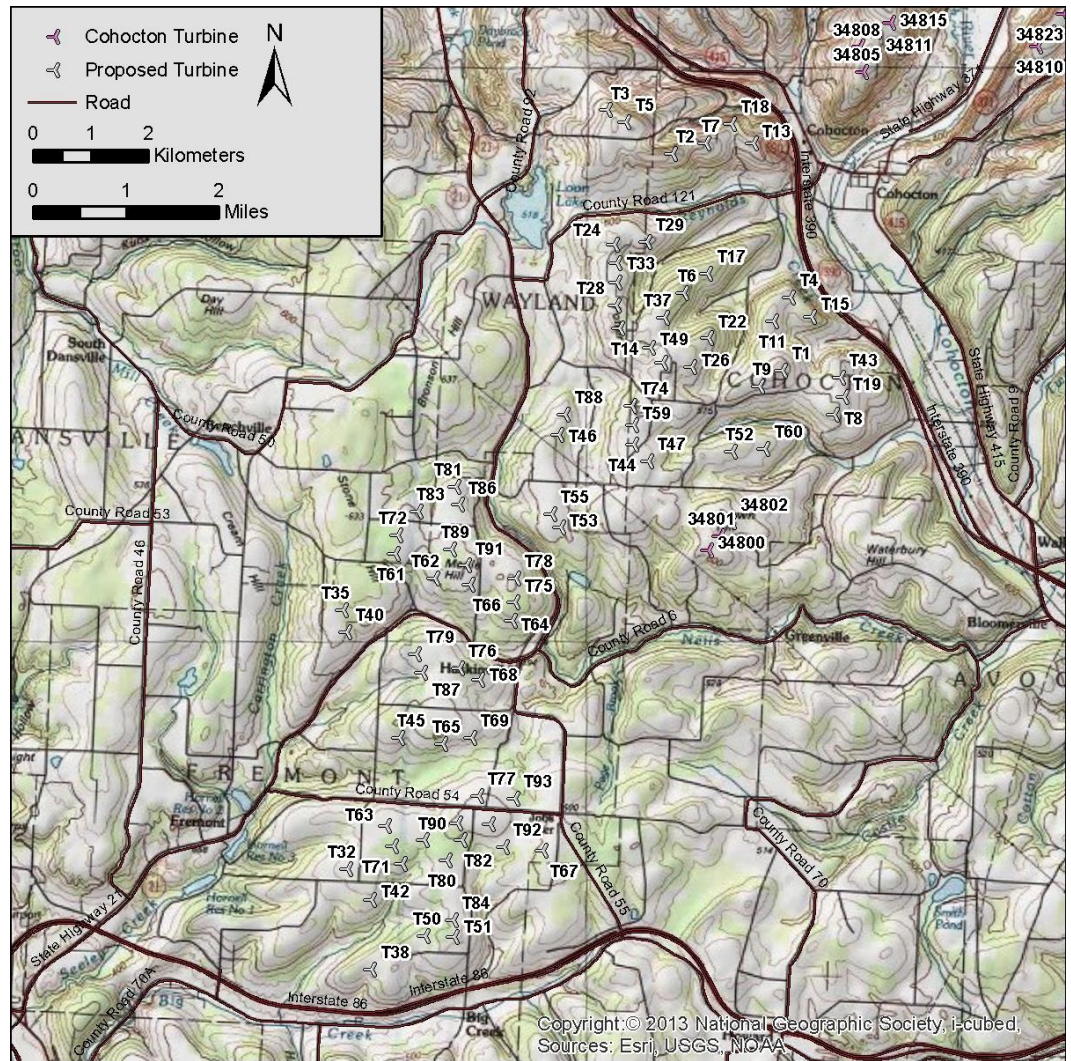


FIGURE 166: TURBINE LOCATIONS - BARON WINDS

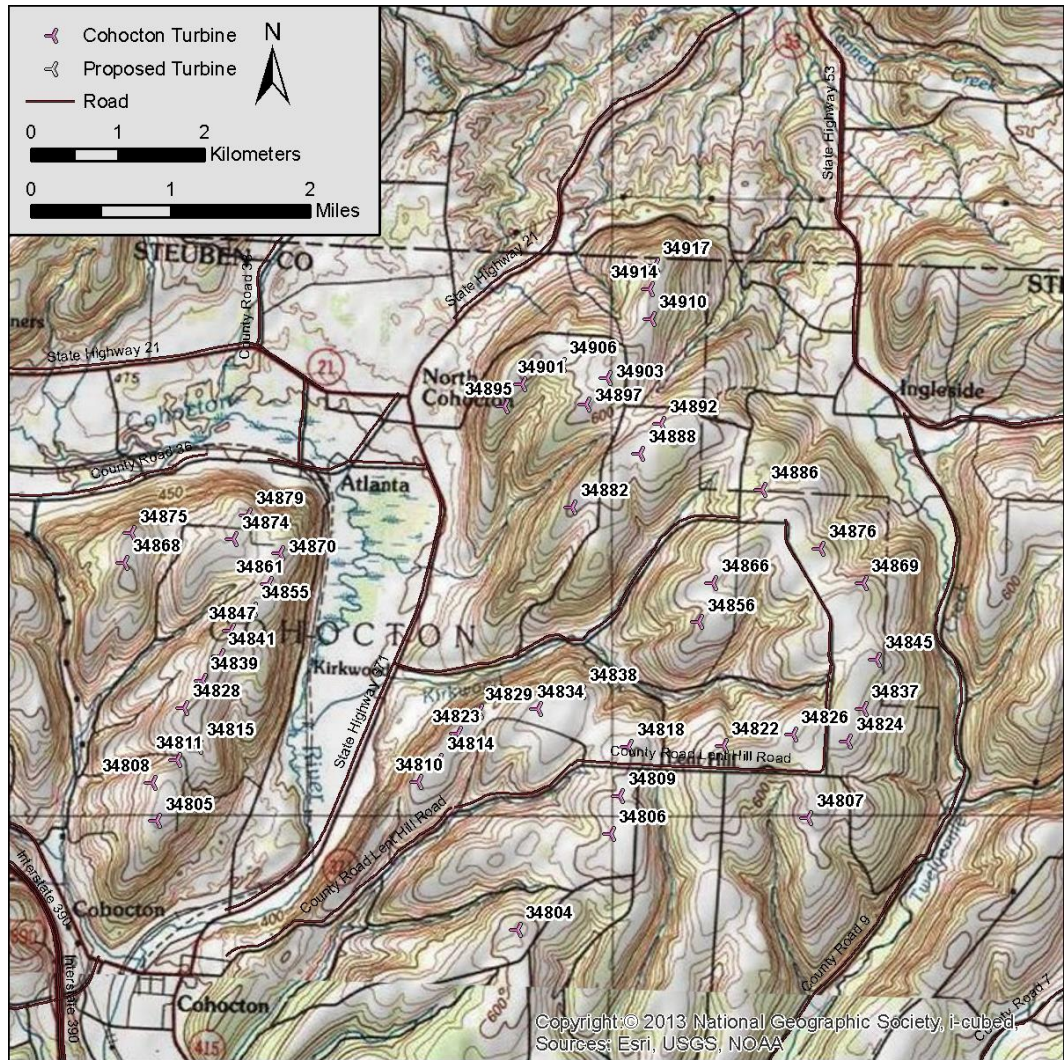


FIGURE 167: TURBINE LOCATIONS - COHOCTON/DUTCH HILL



**TABLE 26: STANDARD ISO 9613-2 SOUND PROPAGATION MODELING PARAMETERS USED TO MODEL MAXIMUM 1-HOUR L<sub>EQ</sub> SOUND LEVELS (ARTICLE 10/STIPULATION 19(N))**

Parameter	Setting
Ground Absorption	Spectral for all sources, Mixed Ground (G=0.5)
Atmospheric Absorption	Based on 10 Degrees Celsius, 70% Relative Humidity
Reflections	None
Receiver Height	4 meters for residences, 1.5 meters for grid
Search Distance	15,000 meters

**TABLE 27: SOUND PROPAGATION MODELING PARAMETERS FOR MODELING OF ISO 9613-2 WITH CONCAWE METEOROLOGICAL PARAMETERS (USED FOR STATISTICAL MODELING) (ARTICLE 10/STIPULATION 19(N))**

Parameter	Setting
Ground Absorption	Spectral for all sources, Mixed Ground (G=1)
Atmospheric Absorption	Based on 10 Degrees Celsius, 70% Relative Humidity
Reflections	None
Receiver Height	4 meters for residences
Search Distance	15,000 meters

**TABLE 28: BARON WINDS TURBINE LOCATIONS**

Source ID	Modeled Sound Power (dBA) <sup>97</sup>		Relative Height (m)	Coordinates (UTM NAD83 Z18 N)		
	Unmitigated	Mitigated		X (m)	Y (m)	Z (m)
T1	107.5	100	82	293385	4704954	704
T2	107.5	105.6	82	291467	4708702	710
T3	107.5	106.5	82	290340	4709450	708
T4	107.5	107.5	82	293513	4706210	655
T5	107.5	104.5	82	290662	4709248	720
T6	107.5	106.5	82	291665	4706293	716
T7	107.5	107.5	82	292057	4708884	679
T8	107.5	107.5	82	294285	4704177	655
T9	107.5	100	82	292978	4704672	697
T11	107.5	106.5	82	293220	4705806	667
T13	107.5	107.5	82	292875	4708883	643
T14	107.5	107.5	82	290558	4705677	722
T15	107.5	107.5	82	293886	4705881	635
T17	107.5	104.5	82	292090	4706618	673
T18	107.5	107.5	82	292501	4709210	645
T19	107.5	107.5	82	294440	4704487	655

<sup>97</sup> Modeled turbine sound powers shown here include the additional 2 dB uncertainty interval. So, an indicated sound power of 107.5 dB is a 105.5 dBA manufacturer specified sound power with an additional 2 dB uncertainty interval added on top.

Source ID	Modeled Sound Power (dBA) <sup>97</sup>		Relative Height (m)	Coordinates (UTM NAD83 Z18 N)		
	Unmitigated	Mitigated		X (m)	Y (m)	Z (m)
T21	107.5	107.5	82	290510	4706469	716
T22	107.5	104.5	82	292106	4705504	704
T24	107.5	105.6	82	290466	4707129	708
T26	107.5	106.5	82	291811	4705001	725
T28	107.5	107.5	82	290504	4706080	716
T29	107.5	107.5	82	291031	4707172	695
T32	107.5	107.5	82	285852	4696318	667
T33	107.5	107.5	82	290518	4706806	706
T34	107.5	100	82	291309	4705076	727
T35	107.5	106.5	82	285767	4700800	698
T37	107.5	107.5	82	291344	4705863	710
T38	107.5	107.5	82	286267	4694588	632
T40	107.5	106.5	82	285835	4700423	686
T42	107.5	100	82	286264	4695782	656
T43	107.5	107.5	82	294381	4704830	637
T44	107.5	104.5	82	290797	4703668	709
T45	107.5	106.5	82	286743	4698591	675
T46	107.5	104.5	82	289513	4703835	679
T47	107.5	105.6	82	291055	4703384	710
T49	107.5	104.5	82	291097	4705349	722
T50	107.5	106.5	82	287191	4695159	652
T51	107.5	107.5	82	287700	4695141	661
T52	107.5	106.5	82	292510	4703551	655
T53	107.5	107.5	82	289537	4702238	696
T55	107.5	105.6	82	289380	4702469	696
T59	107.5	106.5	82	290801	4704000	707
T60	107.5	106.5	82	293080	4703592	635
T61	107.5	100	82	286672	4701775	698
T62	107.5	107.5	82	287363	4701344	686
T63	107.5	106.5	82	286519	4697062	669
T64	107.5	104.5	82	288701	4700621	655
T65	107.5	100	82	287492	4698481	672
T66	107.5	100	82	287968	4701243	688
T67	107.5	107.5	82	289226	4696642	684
T68	107.5	107.5	82	288142	4699593	667
T69	107.5	105.6	82	287998	4698597	670
T70	107.5	104.5	82	286790	4696419	665
T71	107.5	105.6	82	286635	4696713	670
T72	107.5	106.5	82	286712	4702099	696

Source ID	Modeled Sound Power (dBA) <sup>97</sup>		Relative Height (m)	Coordinates (UTM NAD83 Z18 N)		
	Unmitigated	Mitigated		X (m)	Y (m)	Z (m)
T73	107.5	106.5	82	288317	4697105	692
T74	107.5	100	82	290773	4704333	698
T75	107.5	105.6	82	288751	4700931	673
T76	107.5	105.6	82	287783	4699794	674
T77	107.5	104.5	82	288116	4697587	681
T78	107.5	107.5	82	288760	4701354	679
T79	107.5	107.5	82	287041	4700040	669
T80	107.5	100	82	287569	4696468	676
T81	107.5	105.6	82	287725	4702933	673
T82	107.5	105.6	82	287830	4696826	682
T83	107.5	107.5	82	287069	4702510	682
T84	107.5	105.6	82	287677	4695444	661
T85	107.5	104.5	82	287760	4697114	686
T86	107.5	100	82	287779	4702624	673
T87	107.5	107.5	82	287150	4699722	660
T88	107.5	107.5	82	289617	4704183	654
T89	107.5	104.5	82	287646	4701859	686
T90	107.5	106.5	82	287175	4696816	667
T91	107.5	105.6	82	287908	4701572	691
T92	107.5	107.5	82	288559	4696697	669
T93	107.5	-	82	288741	4697536	671
Transformer	107	107	2.5	291694	4701843	539

TABLE 29: COHOCTON/DUTCH HILL WIND PROJECT TURBINE LOCATIONS

Turbine ID	Modeled Sound Power (dBA)	Hub Height (m)	Coordinates (UTM NAD 83 Z18 N)		
			X (m)	Y (m)	Z (m)
34800	110.3	80	292099	4701832	691
34801	110.3	80	292294	4702083	702
34802	110.3	80	292493	4702330	699
34804	110.3	80	298939	4708856	557
34805	110.3	80	294777	4710107	673
34806	110.3	80	300018	4709956	533
34807	110.3	80	302300	4710144	347
34808	110.3	80	294723	4710547	662
34809	110.3	80	300124	4710396	548
34810	110.3	80	297797	4710556	641

Turbine ID	Modeled Sound Power (dBA)	Hub Height (m)	Coordinates (UTM NAD 83 Z18 N)		
			X (m)	Y (m)	Z (m)
34811	110.3	80	295012	4710814	653
34814	110.3	80	298034	4710802	631
34815	110.3	80	295255	4710969	662
34818	110.3	80	300222	4710967	539
34822	110.3	80	301318	4710977	521
34823	110.3	80	298255	4711116	620
34824	110.3	80	302754	4711025	338
34826	110.3	80	302119	4711111	428
34828	110.3	80	295097	4711415	680
34829	110.3	80	298493	4711376	609
34834	110.3	80	299172	4711399	566
34837	110.3	80	302934	4711399	336
34838	110.3	80	299676	4711593	498
34839	110.3	80	295304	4711728	680
34841	110.3	80	295506	4712016	684
34845	110.3	80	303090	4711968	377
34847	110.3	80	295633	4712307	687
34855	110.3	80	295890	4712552	671
34856	110.3	80	301037	4712403	511
34861	110.3	80	296069	4712847	671
34866	110.3	80	301202	4712855	467
34868	110.3	80	294404	4713087	682
34869	110.3	80	302934	4712853	448
34870	110.3	80	296199	4713201	659
34874	110.3	80	295667	4713358	671
34875	110.3	80	294481	4713430	674
34876	110.3	80	302439	4713255	453
34879	110.3	80	295823	4713637	677
34882	110.3	80	299573	4713729	432
34886	110.3	80	301771	4713930	480
34888	110.3	80	300359	4714350	410
34892	110.3	80	300601	4714694	403
34895	110.3	80	298789	4714897	453
34897	110.3	80	299738	4714916	422
34901	110.3	80	298994	4715156	451
34903	110.3	80	299981	4715224	416
34906	110.3	80	299448	4715377	437
34910	110.3	80	300484	4715900	405
34914	110.3	80	300464	4716253	415

## Report

Baron Winds, LLC.  
EverPower Baron Winds Pre-Construction Noise Impact Assessment

Turbine ID	Modeled Sound Power (dBA)	Hub Height (m)	Coordinates (UTM NAD 83 Z18 N)		
			X (m)	Y (m)	Z (m)
34917	110.3	80	300525	4716520	415

## APPENDIX C: RECEPTOR INFORMATION

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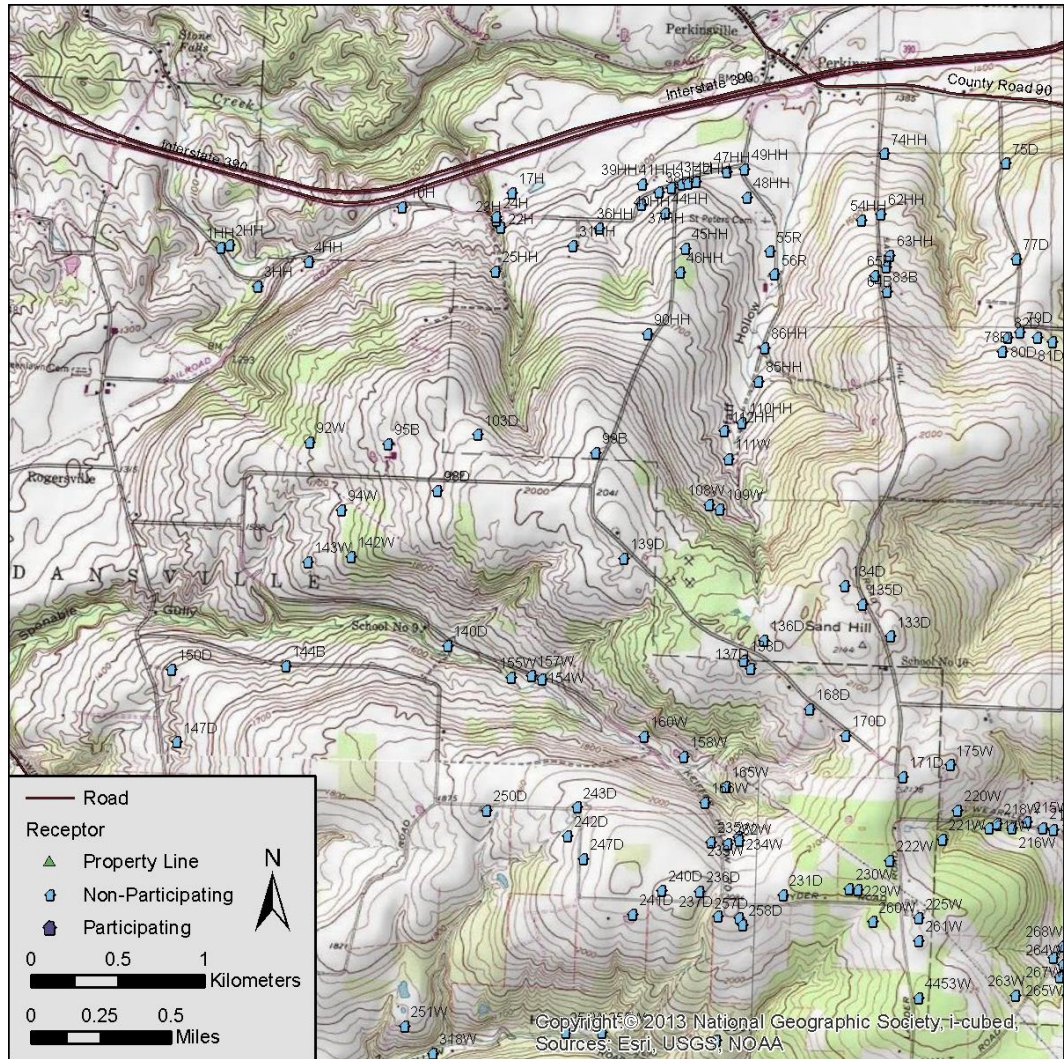


FIGURE 168: BARON WINDS RECEPTORS - VIEW 1 (ARTICLE 10/STIPULATION 19(A))

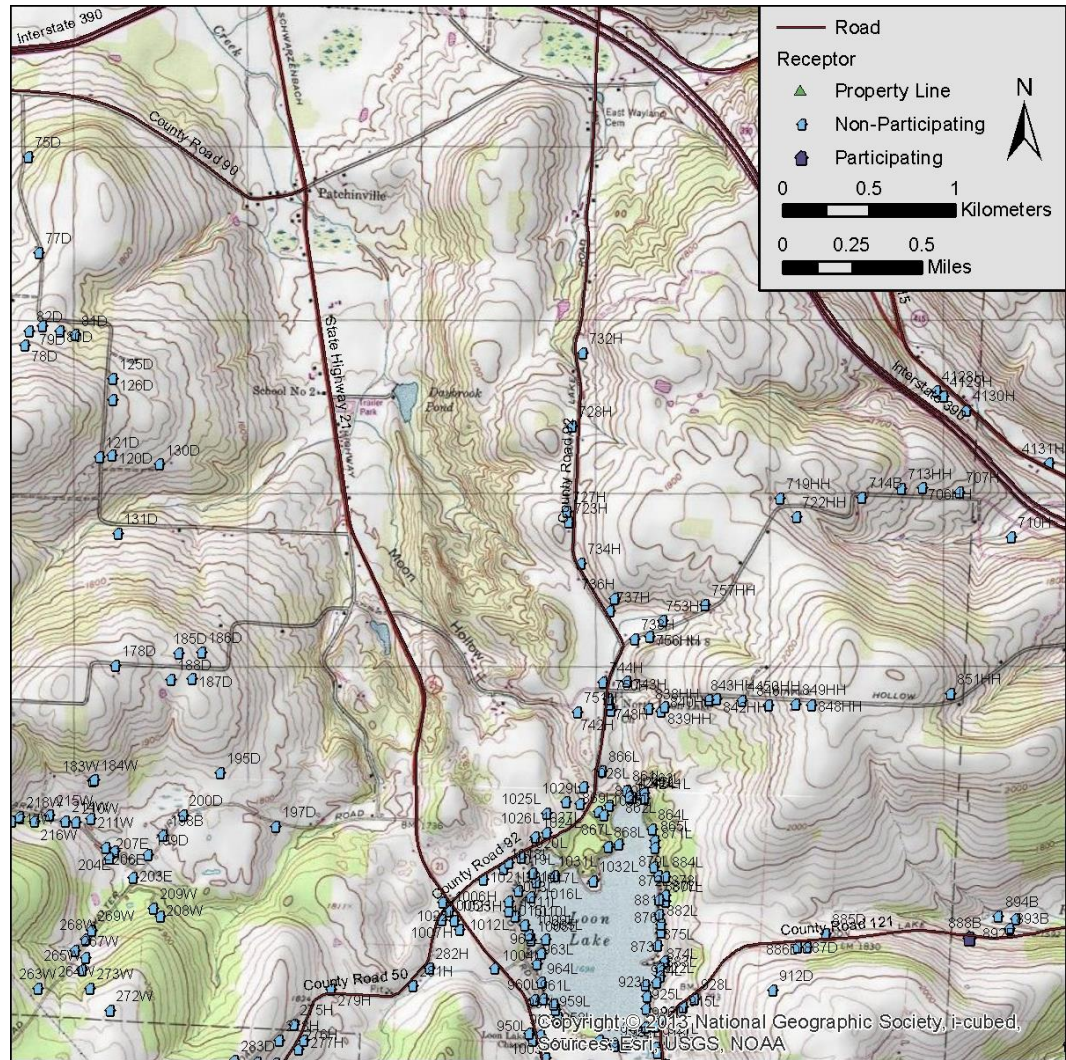


FIGURE 169: BARON WINDS RECEPTORS - VIEW 2 (ARTICLE 10/STIPULATION 19(A))



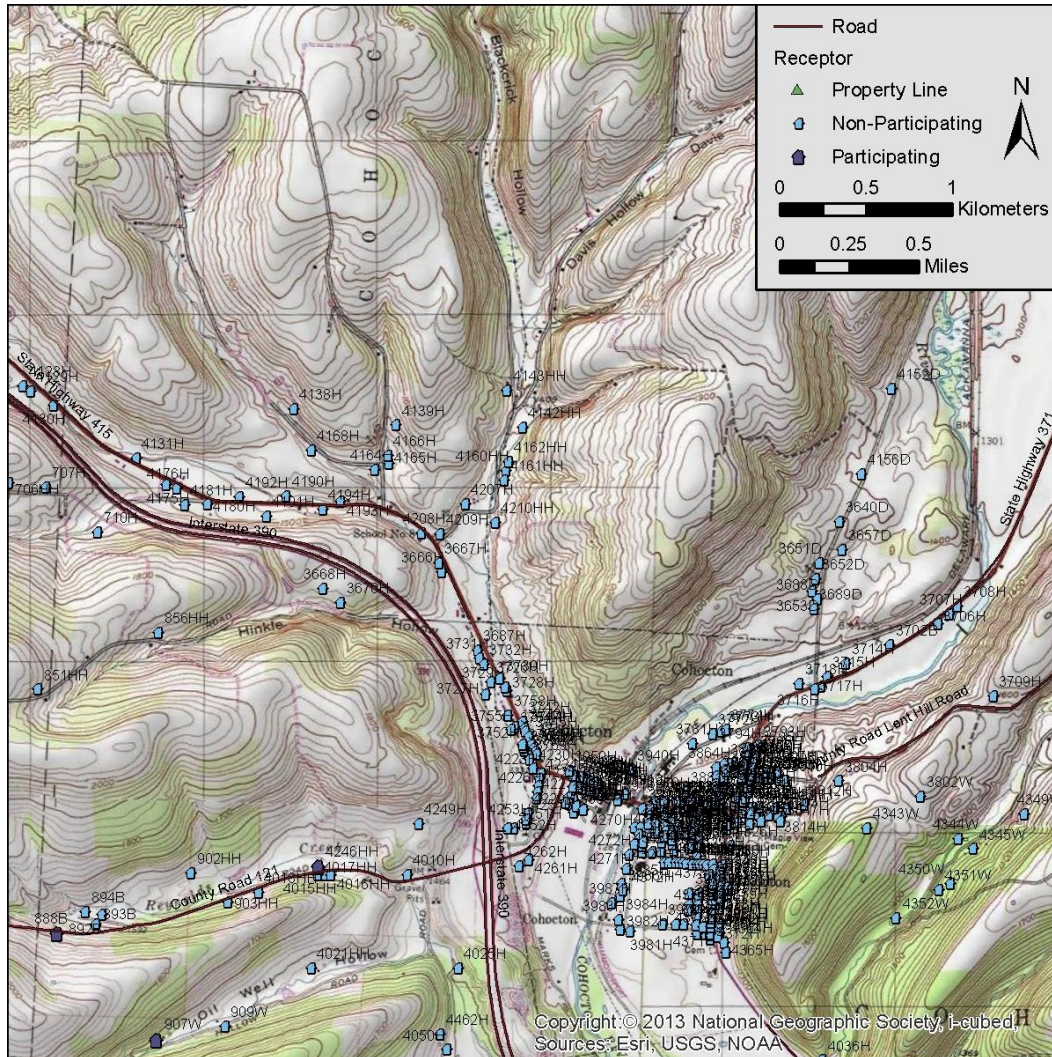


FIGURE 170: BARON WINDS RECEPTORS - VIEW 3 (ARTICLE 10/STIPULATION 19(A))

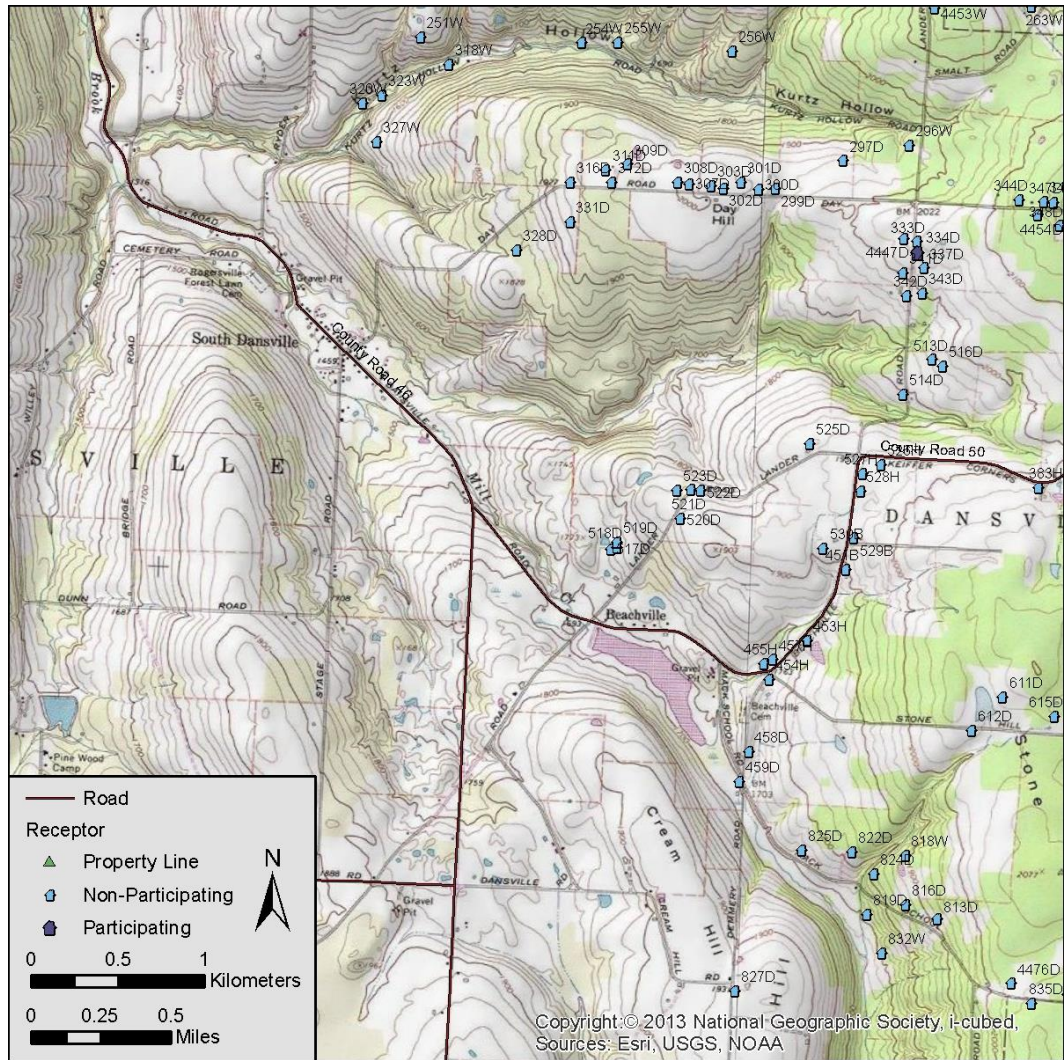


FIGURE 171: BARON WINDS RECEPTORS - VIEW 4 (ARTICLE 10/STIPULATION 19(A))

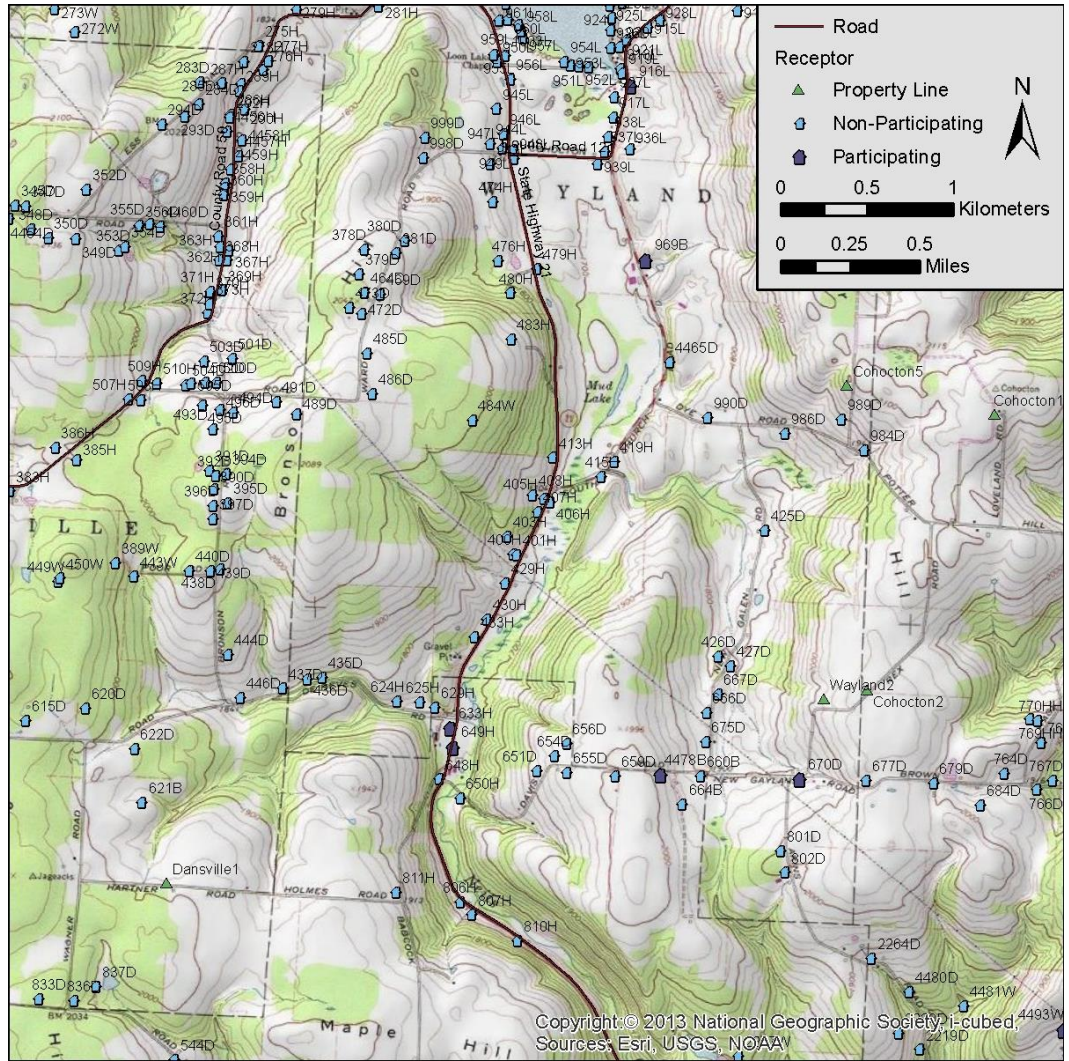


FIGURE 172: BARON WINDS RECEPTORS - VIEW 5 (ARTICLE 10/STIPULATION 19(A))

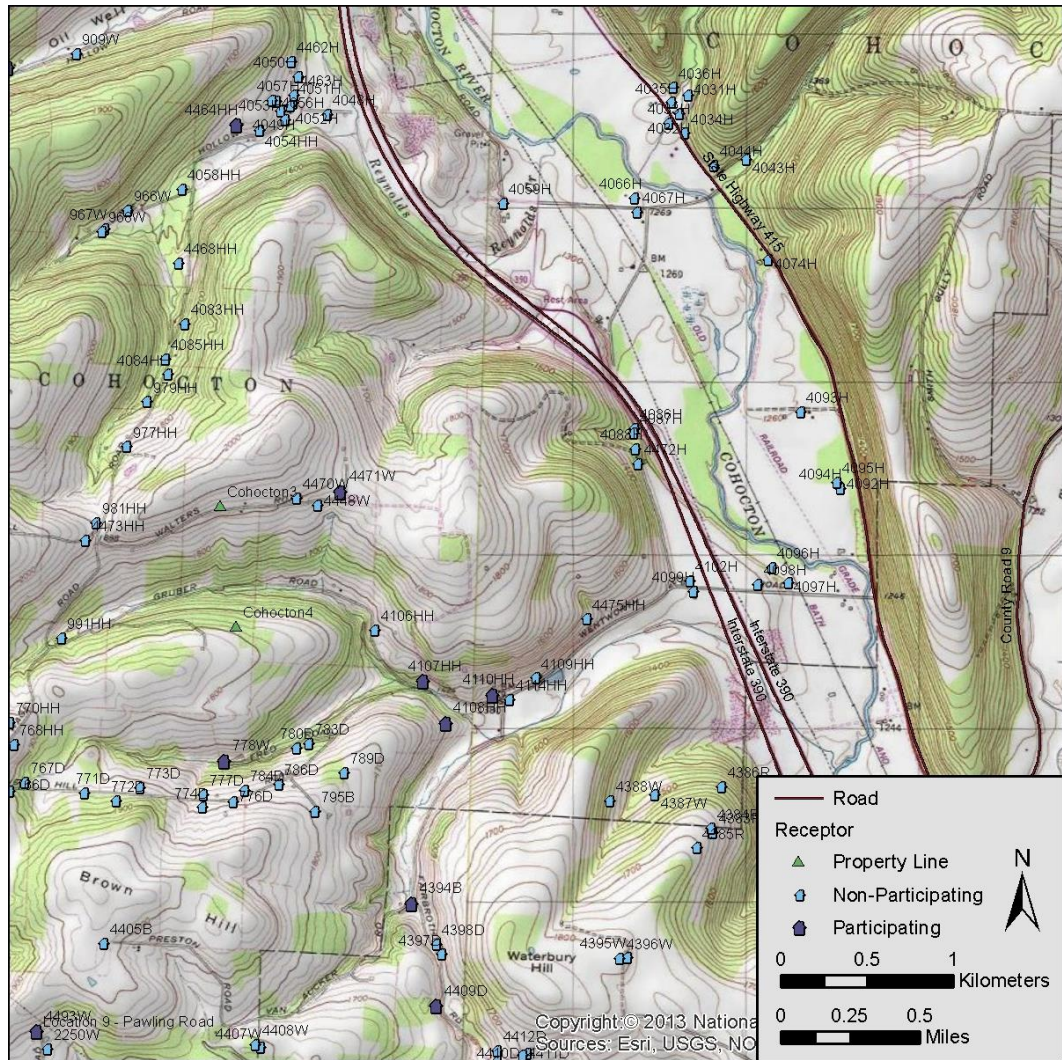


FIGURE 173: BARON WINDS RECEPTORS - VIEW 6 (ARTICLE 10/STIPULATION 19(A))

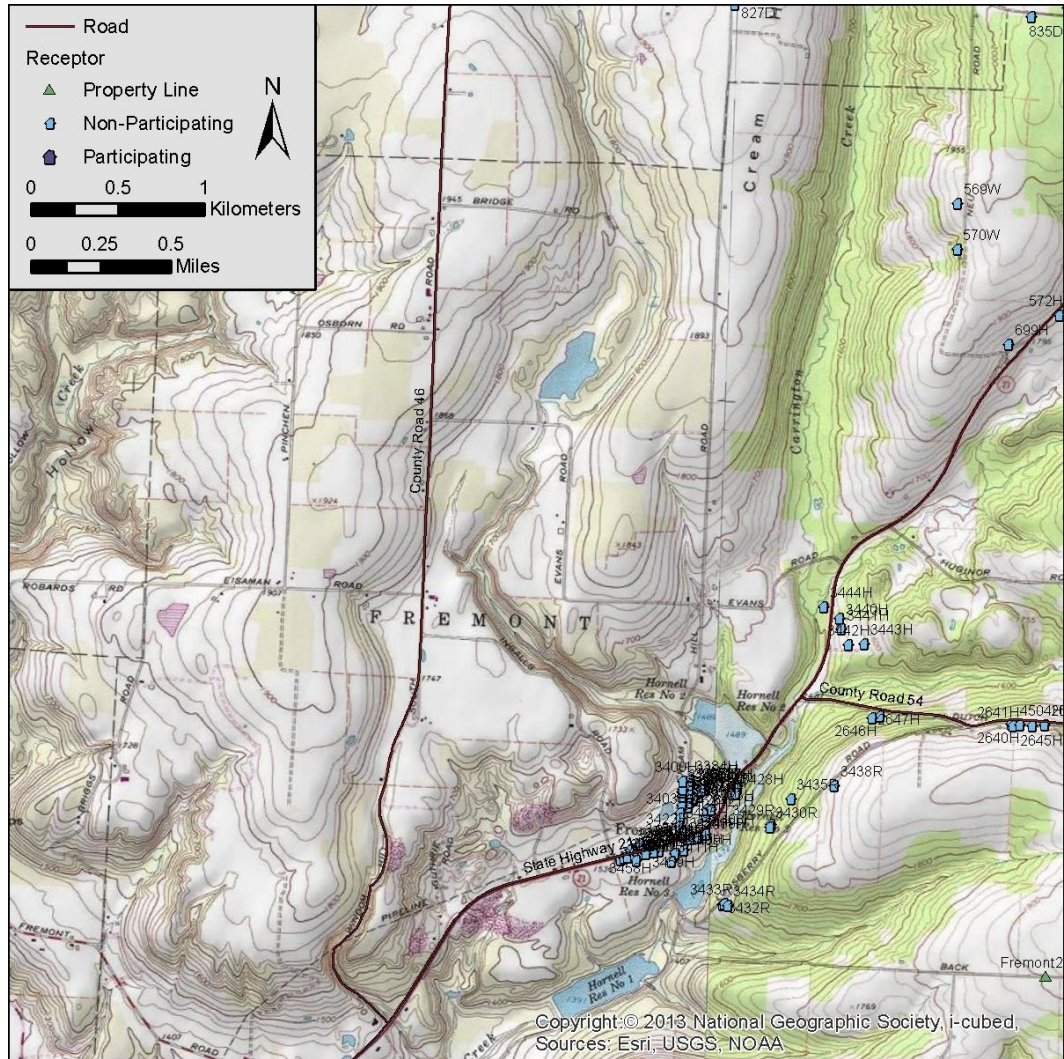


FIGURE 174: BARON WINDS RECEPTORS - VIEW 7 (ARTICLE 10/STIPULATION 19(A))

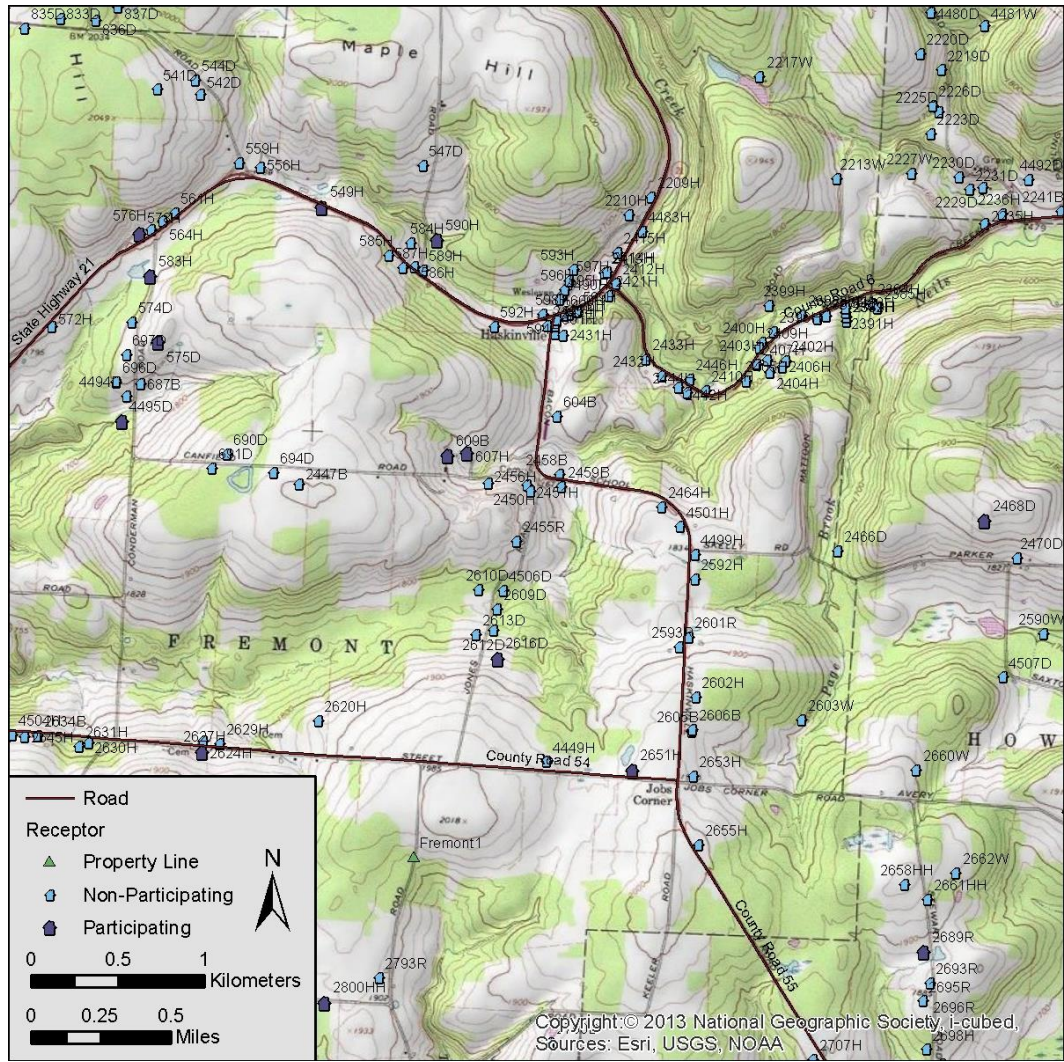


FIGURE 175: BARON WINDS RECEPTORS - VIEW 8 (ARTICLE 10/STIPULATION 19(A))

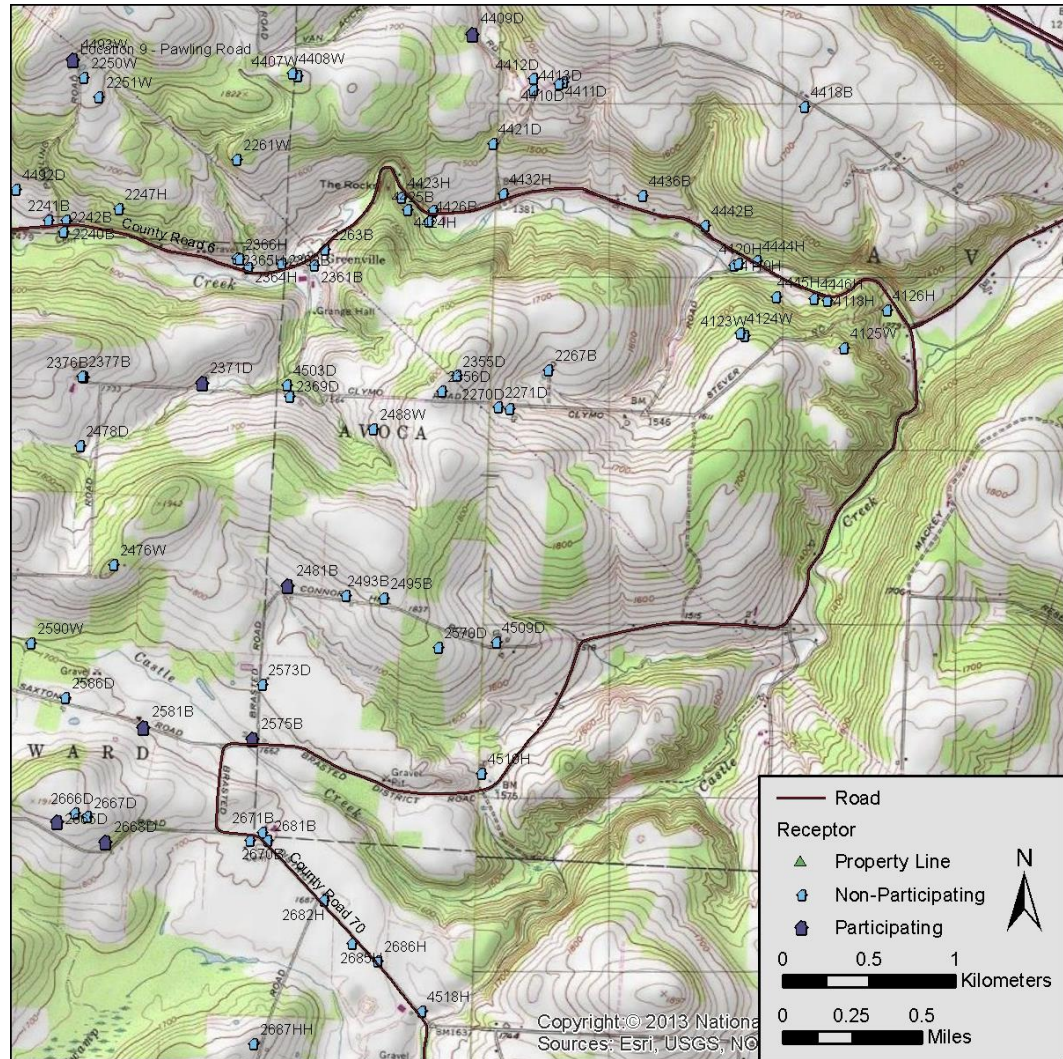
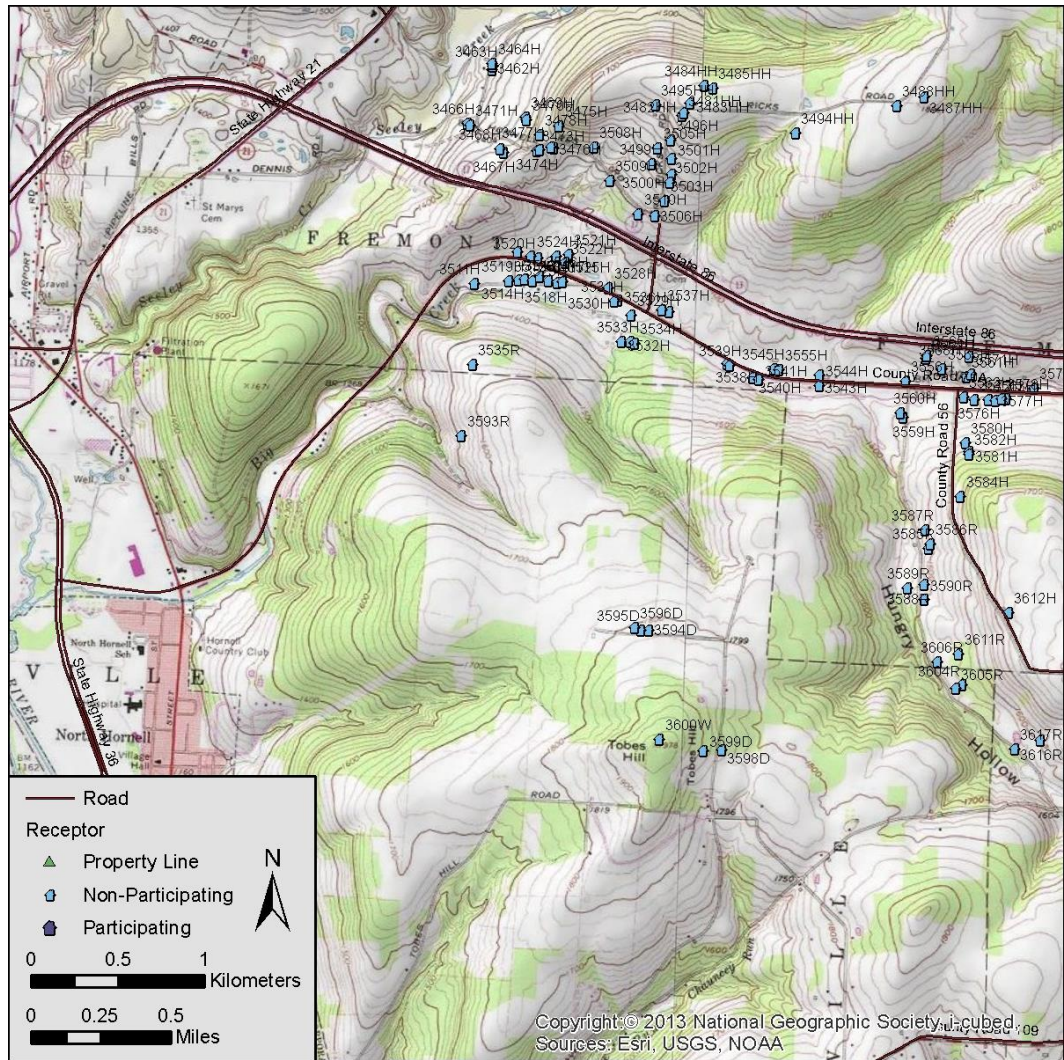


FIGURE 176: BARON WINDS RECEPTORS - VIEW 9 (ARTICLE 10/STIPULATION 19(A))



**FIGURE 177: BARON WINDS RECEPTORS - VIEW 10 (ARTICLE 10/STIPULATION 19(A))**



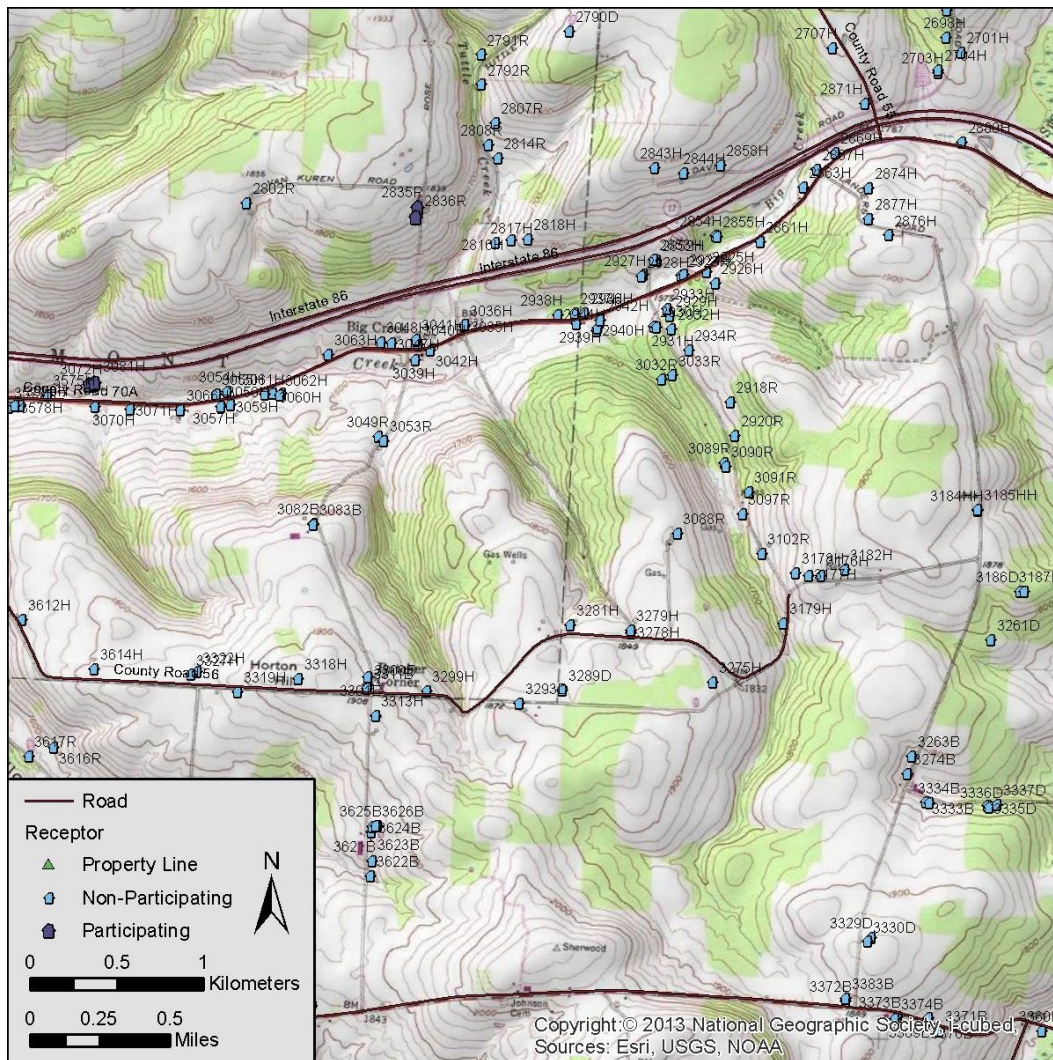
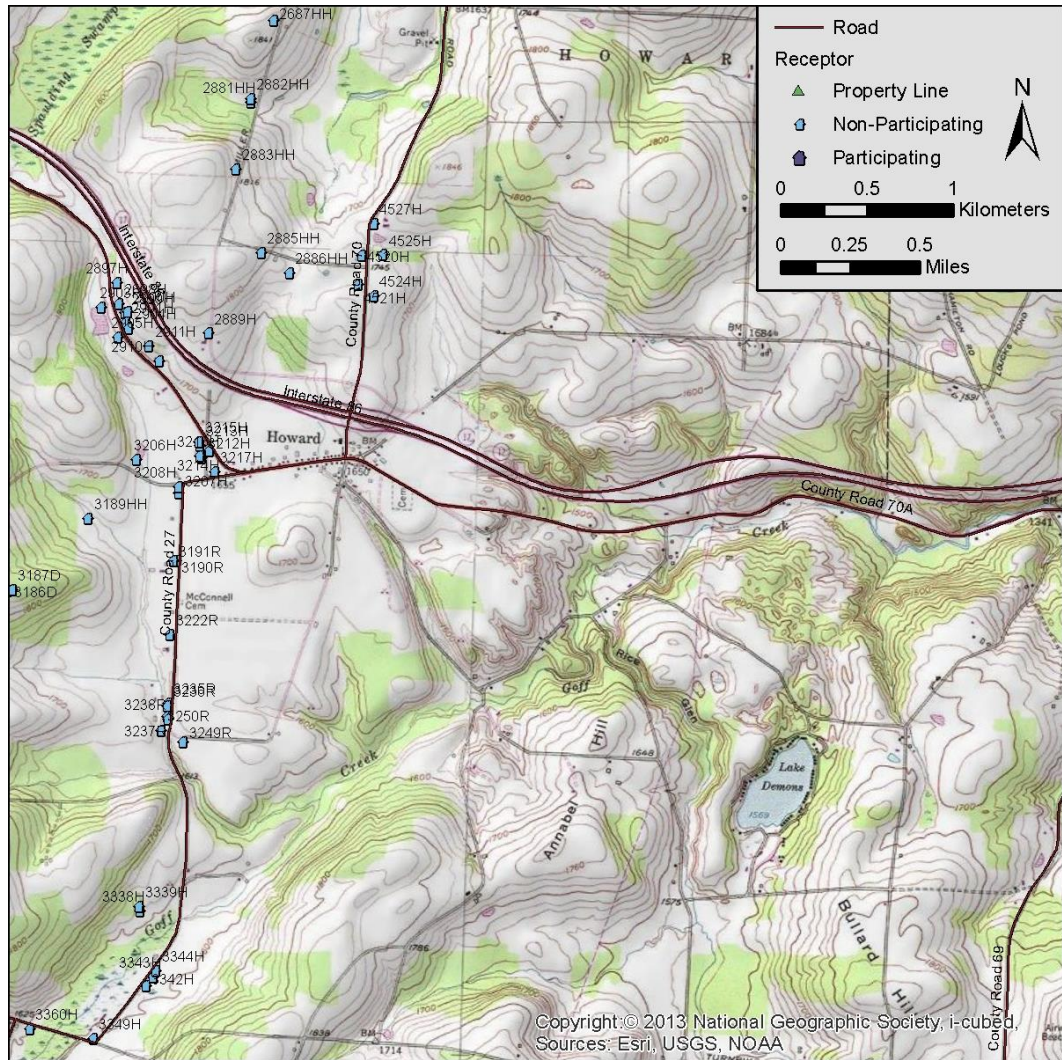


FIGURE 178: BARON WINDS RECEPTORS - VIEW 11 (ARTICLE 10/STIPULATION 19(A))



**FIGURE 179: BARON WINDS RECEPTORS - VIEW 12 (ARTICLE 10/STIPULATION 19(A))**

**TABLE 30: MITIGATED BARON WINDS SHORT- AND LONG-TERM MONITORING RESULTS – NUMBER OF NONPARTICIPATING RECEPTORS IN DIFFERENT RANGES FOR DIFFERENT METRICS.**

Sound Level Range	Nonparticipating Receptors in Each Sound Level Range		
	L <sub>1h</sub>	L <sub>8h</sub>	L <sub>night,outside</sub>
< 30 dBA	593	631	1212
30 - 35 dBA	477	461	179
35 - 40 dBA	249	245	91
40 - 45 dBA	163	145	0
> 45 dBA	0	0	0
Total	1482	1482	1482

**TABLE 31: SHORT TERM SOUND PROPAGATION MODELING RESULTS – MAXIMUM 1-HOUR  $L_{eq}$  (ARTICLE 10/STIPULATION 19(D), STIPULATION 19(D)(5), AND ARTICLE 10/STIPULATION 19(E))<sup>98</sup>**

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			$L_{eq}$	$L_{eq}$	$L_{eq}$				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
<b>Property Line</b>									
Fremont1R	Property Line	-	51	49	49	1.5	288065	4696804	590
Dansville1D	Property Line	-	51	50	50	1.5	286760	4702309	607
Cohocton2D	Property Line	-	51	49	49	1.5	290802	4703420	629
Cohocton1D	Property Line	-	52	48	48	1.5	291541	4705012	650
Wayland1W	Property Line	-	48	48	48	1.5	290959	4705957	593
Cohocton4W	Property Line	-	50	48	48	1.5	293093	4703800	544
Fremont2R	Property Line	-	49	48	48	1.5	285897	4696057	582
Wayland2D	Property Line	-	47	45	45	1.5	290558	4703370	619
Cohocton5D	Property Line	-	47	45	45	1.5	290685	4705180	635
Cohocton3W	Property Line	-	51	44	44	1.5	293002	4704497	589
Maximum			52	50	50				
Minimum			47	44	44				
Average			50	47	47				
<b>Nonparticipating</b>									
1HH	Nonparticipating	026.00-01-008.000	14	13	14	4	281224	4711662	343
2HH	Nonparticipating	026.00-01-008.000	14	13	14	4	281273	4711681	339
3HH	Nonparticipating	026.00-01-010.000	14	13	14	4	281440	4711443	356
4HH	Nonparticipating	026.00-01-011.120	14	14	15	4	281731	4711582	382
10H	Nonparticipating	026.00-03-014.000	15	14	15	4	282273	4711898	393
17H	Nonparticipating	026.00-03-007.100	15	14	15	4	282907	4711978	416
22H	Nonparticipating	026.00-03-013.120	15	15	16	4	282842	4711780	430
23H	Nonparticipating	026.00-03-013.120	15	14	15	4	282812	4711819	419
24H	Nonparticipating	026.00-03-013.110	15	14	15	4	282812	4711839	417
25HH	Nonparticipating	026.00-03-013.110	15	15	16	4	282809	4711528	446

<sup>98</sup> Receptors in green font are categorized as cabins, are seasonal, and may or may not have septic systems and/or running water.

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
31HH	Nonparticipating	026.00-03-009.100	16	15	16	4	283255	4711674	462
36HH	Nonparticipating	026.00-03-009.200	16	15	16	4	283409	4711775	447
37HH	Nonparticipating	027.00-01-038.000	16	15	16	4	283650	4711911	455
38HH	Nonparticipating	027.00-01-037.120	16	15	16	4	283753	4711986	455
39HH	Nonparticipating	027.00-01-039.510	16	15	16	4	283659	4712030	448
40HH	Nonparticipating	027.00-01-036.000	16	15	16	4	283824	4712012	457
41HH	Nonparticipating	027.00-01-035.000	16	15	17	4	283884	4712031	457
42HH	Nonparticipating	027.00-01-035.000	16	15	17	4	283923	4712035	459
43HH	Nonparticipating	027.00-01-035.000	16	15	17	4	283966	4712045	457
44HH	Nonparticipating	027.00-01-037.200	16	15	17	4	283789	4711864	474
45HH	Nonparticipating	027.00-01-039.310	16	16	19	4	283906	4711658	503
46HH	Nonparticipating	027.00-01-039.330	17	16	18	4	283874	4711524	509
47HH	Nonparticipating	027.00-01-034.000	16	16	17	4	284144	4712100	448
48HH	Nonparticipating	027.00-01-039.112	17	16	17	4	284263	4711955	452
49HH	Nonparticipating	027.00-01-033.200	16	16	17	4	284249	4712115	447
54HH	Nonparticipating	027.00-01-025.120	18	17	18	4	284922	4711822	497
55R	Nonparticipating	027.00-01-030.120	17	16	17	4	284392	4711641	455
56R	Nonparticipating	027.00-01-030.110	17	17	18	4	284422	4711509	455
62HH	Nonparticipating	027.00-01-025.210	18	17	18	4	285036	4711856	496
63HH	Nonparticipating	027.00-01-025.110	20	19	21	4	285087	4711617	517
64B	Nonparticipating	027.00-01-026.000	20	19	22	4	285062	4711551	525
65B	Nonparticipating	027.00-01-027.000	18	18	21	4	284998	4711500	530
74HH	Nonparticipating	027.00-01-024.000	17	16	18	4	285053	4712205	461
75D	Nonparticipating	027.00-02-040.120	18	17	19	4	285755	4712150	493
77D	Nonparticipating	027.00-02-036.000	19	18	19	4	285817	4711599	520
78D	Nonparticipating	027.00-02-032.120	20	19	22	4	285737	4711066	556
79D	Nonparticipating	027.00-02-032.110	23	22	24	4	285837	4711176	546
80D	Nonparticipating	027.00-02-031.100	23	22	24	4	285937	4711145	544
81D	Nonparticipating	027.00-02-031.220	23	22	25	4	286028	4711122	541
82D	Nonparticipating	027.00-02-032.120	20	20	23	4	285764	4711145	548
83B	Nonparticipating	027.00-01-028.000	21	21	23	4	285069	4711411	538
85HH	Nonparticipating	040.00-03-004.200	18	17	18	4	284331	4710894	485
86HH	Nonparticipating	027.00-01-029.110	18	17	18	4	284364	4711085	476
90HH	Nonparticipating	026.00-03-010.100	17	16	18	4	283686	4711168	530



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
92W	Nonparticipating	039.00-01-002.130	15	15	15	4	281737	4710543	522
94W	Nonparticipating	039.00-01-002.230	16	15	16	4	281920	4710149	530
95B	Nonparticipating	039.00-01-002.250	16	15	16	4	282189	4710530	566
98D	Nonparticipating	039.00-01-003.000	16	16	16	4	282474	4710260	588
99B	Nonparticipating	026.00-03-011.200	18	17	18	4	283390	4710479	621
103D	Nonparticipating	026.00-03-011.110	16	16	16	4	282708	4710585	594
108W	Nonparticipating	040.00-03-007.100	18	17	18	4	284045	4710179	566
109W	Nonparticipating	040.00-03-007.100	18	18	18	4	284106	4710154	558
110HH	Nonparticipating	040.00-03-005.000	18	17	18	4	284233	4710651	492
111W	Nonparticipating	040.00-03-003.000	18	17	18	4	284158	4710447	509
112HH	Nonparticipating	040.00-03-002.120	18	17	18	4	284132	4710605	502
120D	Nonparticipating	040.00-03-011.112	26	25	27	4	286241	4710430	544
121D	Nonparticipating	040.00-03-009.230	26	25	27	4	286167	4710420	550
125D	Nonparticipating	027.00-02-029.200	26	25	27	4	286246	4710871	555
126D	Nonparticipating	040.00-03-011.200	26	26	27	4	286243	4710749	559
130D	Nonparticipating	040.00-03-011.111	27	26	27	4	286515	4710375	519
131D	Nonparticipating	040.00-03-012.200	22	21	22	4	286273	4709975	515
133D	Nonparticipating	040.00-03-008.110	27	27	27	4	285092	4709422	650
134D	Nonparticipating	040.00-03-008.200	25	25	26	4	284825	4709715	650
135D	Nonparticipating	040.00-03-008.200	24	24	25	4	284930	4709606	648
136D	Nonparticipating	040.00-01-004.000	24	23	23	4	284360	4709399	643
137D	Nonparticipating	040.00-01-005.000	23	23	23	4	284282	4709235	638
138D	Nonparticipating	040.00-01-005.000	23	23	23	4	284244	4709282	638
139D	Nonparticipating	040.00-01-001.121	19	18	19	4	283551	4709870	629
140D	Nonparticipating	039.00-01-006.000	17	16	17	4	282533	4709368	486
142W	Nonparticipating	039.00-01-002.320	16	15	16	4	281978	4709882	536
143W	Nonparticipating	039.00-01-002.290	16	15	16	4	281727	4709850	508
144B	Nonparticipating	039.00-01-010.200	16	15	16	4	281599	4709251	475
147D	Nonparticipating	039.00-01-013.100	16	15	16	4	280969	4708812	467
150D	Nonparticipating	039.00-01-015.000	16	15	15	4	280939	4709229	467
154W	Nonparticipating	040.00-01-017.000	18	17	18	4	283077	4709175	508
155W	Nonparticipating	039.00-01-009.200	18	17	18	4	282902	4709187	498
157W	Nonparticipating	040.00-01-017.000	18	17	18	4	283017	4709196	507

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
158W	Nonparticipating	040.00-01-015.200	19	19	19	4	283899	4708726	553
160W	Nonparticipating	040.00-01-015.200	19	18	19	4	283669	4708843	538
165W	Nonparticipating	040.00-01-018.100	20	19	20	4	284139	4708557	581
166W	Nonparticipating	040.00-01-018.200	20	19	20	4	284021	4708463	596
168D	Nonparticipating	040.00-01-014.400	21	20	20	4	284621	4709004	632
170D	Nonparticipating	040.00-01-014.300	20	20	20	4	284833	4708850	626
171D	Nonparticipating	040.00-01-010.100	28	27	28	4	285163	4708611	650
175W	Nonparticipating	040.00-03-028.000	28	27	28	4	285434	4708680	644
178D	Nonparticipating	040.00-03-033.200	28	27	28	4	286261	4709214	624
183W	Nonparticipating	053.00-03-002.123	28	28	28	4	286126	4708548	579
184W	Nonparticipating	053.00-03-002.123	28	28	28	4	286138	4708556	580
185D	Nonparticipating	040.00-03-018.000	29	28	29	4	286627	4709286	606
186D	Nonparticipating	040.00-03-016.100	29	28	29	4	286756	4709290	597
187D	Nonparticipating	040.00-03-017.000	30	29	29	4	286701	4709139	603
188D	Nonparticipating	040.00-03-019.000	29	29	29	4	286581	4709134	606
195D	Nonparticipating	053.00-03-003.112	30	29	29	4	286865	4708594	566
197D	Nonparticipating	054.00-01-041.000	30	29	29	4	287184	4708283	536
198B	Nonparticipating	053.00-03-003.115	26	26	26	4	286536	4708233	550
199D	Nonparticipating	053.00-03-003.300	28	27	27	4	286450	4708120	547
200D	Nonparticipating	053.00-03-003.114	25	25	25	4	286649	4708350	553
203E	Nonparticipating	053.00-03-003.120	27	27	27	4	286362	4707992	550
204E	Nonparticipating	053.00-03-002.400	28	27	27	4	286255	4708144	549
206E	Nonparticipating	053.00-03-002.127	28	27	27	4	286204	4708164	551
207E	Nonparticipating	053.00-03-002.200	28	27	28	4	286223	4708104	551
208W	Nonparticipating	053.00-03-005.110	29	28	28	4	286517	4707769	569
209W	Nonparticipating	053.00-03-005.110	28	28	28	4	286478	4707812	564
210W	Nonparticipating	040.00-03-022.120	28	27	27	4	286030	4708308	559
211W	Nonparticipating	053.00-03-002.820	28	27	27	4	286119	4708330	555
214W	Nonparticipating	040.00-03-022.111	28	27	27	4	285970	4708318	559
215W	Nonparticipating	040.00-03-022.300	27	27	27	4	285879	4708350	563
216W	Nonparticipating	053.00-03-002.112	26	26	26	4	285791	4708315	566
217W	Nonparticipating	053.00-03-002.120	27	26	26	4	285658	4708315	576
218W	Nonparticipating	053.00-03-002.120	27	26	26	4	285707	4708340	574
220W	Nonparticipating	040.00-03-027.000	27	26	27	4	285476	4708418	616

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
221W	Nonparticipating	053.00-03-002.300	27	26	27	4	285389	4708249	618
222W	Nonparticipating	053.00-01-008.000	28	27	28	4	285085	4708129	649
225W	Nonparticipating	053.00-01-010.000	28	28	28	4	285253	4707796	650
229W	Nonparticipating	053.00-01-007.000	26	26	26	4	284900	4707961	646
230W	Nonparticipating	053.00-01-006.000	27	26	26	4	284854	4707965	646
231D	Nonparticipating	053.00-01-003.112	25	24	24	4	284468	4707930	639
232W	Nonparticipating	053.00-01-002.100	20	19	20	4	284153	4708227	620
233W	Nonparticipating	053.00-01-002.100	20	19	20	4	284213	4708267	614
234W	Nonparticipating	053.00-01-002.100	20	19	20	4	284217	4708247	617
235W	Nonparticipating	053.00-01-002.200	20	19	20	4	284056	4708233	622
236D	Nonparticipating	053.00-01-003.200	27	26	26	4	283988	4707951	644
237D	Nonparticipating	053.00-01-057.000	24	23	23	4	284095	4707808	641
240D	Nonparticipating	053.00-01-058.000	27	26	26	4	283769	4707958	644
241D	Nonparticipating	052.00-01-009.000	25	24	25	4	283604	4707817	637
242D	Nonparticipating	052.00-01-005.111	19	18	19	4	283228	4708272	622
243D	Nonparticipating	052.00-01-006.100	19	18	19	4	283280	4708436	622
247D	Nonparticipating	052.00-01-006.200	19	18	19	4	283317	4708138	630
250D	Nonparticipating	052.00-01-004.110	18	17	18	4	282759	4708418	592
251W	Nonparticipating	052.00-01-025.200	19	18	18	4	282285	4707171	522
254W	Nonparticipating	052.00-01-012.000	20	19	20	4	283215	4707137	505
255W	Nonparticipating	052.00-01-013.200	20	19	20	4	283424	4707138	520
256W	Nonparticipating	053.00-01-053.000	21	20	21	4	284086	4707090	578
257D	Nonparticipating	053.00-01-055.000	27	26	26	4	284215	4707797	641
258D	Nonparticipating	053.00-01-055.000	26	26	26	4	284235	4707759	638
260W	Nonparticipating	053.00-01-009.000	22	22	22	4	284987	4707776	640
261W	Nonparticipating	053.00-01-013.200	29	28	29	4	285253	4707666	650
263W	Nonparticipating	053.00-03-012.000	28	27	27	4	285811	4707349	620
264W	Nonparticipating	053.00-03-008.000	24	23	24	4	286085	4707529	576
265W	Nonparticipating	053.00-03-009.100	24	23	24	4	286066	4707459	585
267W	Nonparticipating	053.00-03-002.111	24	24	25	4	286028	4707569	574
268W	Nonparticipating	053.00-03-015.200	24	24	25	4	286087	4707635	568
269W	Nonparticipating	053.00-03-006.000	25	24	25	4	286121	4707686	565
272W	Nonparticipating	053.00-03-010.000	30	29	29	4	286228	4707222	626

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
273W	Nonparticipating	053.00-03-010.000	25	24	25	4	286112	4707352	614
275H	Nonparticipating	054.00-01-038.000	31	31	31	4	287289	4707141	573
276H	Nonparticipating	053.00-01-019.120	31	30	31	4	287314	4706999	565
277H	Nonparticipating	053.00-01-019.200	31	31	31	4	287347	4707053	565
278H	Nonparticipating	053.00-01-018.300	31	31	31	4	287205	4707049	581
279H	Nonparticipating	054.00-01-039.000	31	31	31	4	287506	4707346	554
281H	Nonparticipating	054.00-01-009.000	30	29	30	4	287979	4707367	534
282H	Nonparticipating	054.00-01-008.000	32	31	32	4	288072	4707467	534
283D	Nonparticipating	053.00-01-017.000	31	30	31	4	286948	4706932	604
284D	Nonparticipating	053.00-01-018.200	32	31	32	4	286946	4706803	610
285D	Nonparticipating	053.00-01-018.112	31	31	31	4	287078	4706923	591
286H	Nonparticipating	053.00-01-018.420	30	30	30	4	287128	4706745	573
287H	Nonparticipating	053.00-01-018.600	31	30	30	4	287186	4706918	571
289H	Nonparticipating	053.00-01-018.600	31	30	30	4	287177	4706879	570
290H	Nonparticipating	053.00-01-019.111	30	29	30	4	287206	4706774	560
292H	Nonparticipating	053.00-01-018.420	30	30	30	4	287121	4706729	575
293D	Nonparticipating	053.00-01-018.120	32	32	32	4	286860	4706735	618
294D	Nonparticipating	053.00-01-016.000	32	31	31	4	286728	4706688	623
296W	Nonparticipating	053.00-01-045.000	23	22	23	4	285108	4706547	603
297D	Nonparticipating	053.00-01-047.111	23	22	22	4	284727	4706456	601
299D	Nonparticipating	053.00-01-047.500	25	24	25	4	284331	4706296	601
300D	Nonparticipating	053.00-01-047.420	26	26	26	4	284236	4706292	604
301D	Nonparticipating	053.00-01-047.412	27	26	26	4	284135	4706330	608
302D	Nonparticipating	053.00-01-047.300	27	26	26	4	284032	4706297	610
303D	Nonparticipating	053.00-01-047.413	26	25	25	4	283963	4706309	612
307D	Nonparticipating	053.00-01-050.000	26	25	25	4	283837	4706322	613
308D	Nonparticipating	053.00-01-049.000	27	26	26	4	283770	4706333	614
309D	Nonparticipating	053.00-01-051.100	22	22	22	4	283481	4706436	607
311D	Nonparticipating	052.00-01-015.200	21	20	21	4	283355	4706404	605
312D	Nonparticipating	052.00-01-015.100	23	23	23	4	283388	4706331	607
316D	Nonparticipating	052.00-01-014.000	21	20	20	4	283150	4706332	598
318W	Nonparticipating	052.00-01-023.200	19	18	19	4	282450	4707014	481
320W	Nonparticipating	052.00-01-032.220	19	18	18	4	281949	4706790	463
323W	Nonparticipating	052.00-01-032.210	19	18	18	4	282062	4706834	467



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
327W	Nonparticipating	052.00-01-032.120	19	18	18	4	282032	4706563	492
328D	Nonparticipating	066.00-01-015.112	21	20	20	4	282841	4705942	556
331D	Nonparticipating	052.00-01-017.100	24	23	24	4	283147	4706102	593
333D	Nonparticipating	053.00-01-040.000	28	27	28	4	285153	4705989	630
337D	Nonparticipating	053.00-01-041.200	29	28	28	4	285190	4705836	622
341D	Nonparticipating	067.00-01-002.110	28	27	27	4	285072	4705807	613
342D	Nonparticipating	067.00-01-002.200	27	26	27	4	285090	4705675	607
343D	Nonparticipating	067.00-01-007.200	27	26	26	4	285184	4705693	613
344D	Nonparticipating	053.00-01-038.000	27	26	26	4	285743	4706229	651
345D	Nonparticipating	053.00-01-036.000	31	30	31	4	285881	4706221	656
347D	Nonparticipating	053.00-01-036.000	32	31	31	4	285941	4706216	656
348D	Nonparticipating	053.00-01-033.120	32	31	31	4	285976	4706080	655
349D	Nonparticipating	053.00-01-033.210	32	31	32	4	286234	4706026	649
350D	Nonparticipating	053.00-01-033.110	32	31	32	4	286073	4706032	651
352D	Nonparticipating	053.00-01-035.000	32	31	32	4	286295	4706310	650
353D	Nonparticipating	053.00-01-032.000	32	31	32	4	286483	4705960	619
354D	Nonparticipating	053.00-01-032.000	32	31	31	4	286518	4705982	614
355D	Nonparticipating	053.00-01-031.000	32	31	31	4	286659	4706113	605
356D	Nonparticipating	053.00-01-031.000	32	31	31	4	286599	4706100	610
358H	Nonparticipating	053.00-01-021.124	28	27	27	4	287096	4706345	561
359H	Nonparticipating	053.00-01-021.124	28	27	27	4	287091	4706322	561
360H	Nonparticipating	053.00-01-021.123	28	27	27	4	287085	4706279	562
361H	Nonparticipating	053.00-01-022.000	28	27	27	4	287056	4706044	563
362H	Nonparticipating	053.00-01-024.120	28	27	27	4	287108	4705905	559
363H	Nonparticipating	053.00-01-023.000	28	27	27	4	287064	4705979	561
367H	Nonparticipating	053.00-01-024.111	28	27	27	4	287118	4705960	559
368H	Nonparticipating	053.00-01-027.000	28	27	27	4	287063	4705902	562
369H	Nonparticipating	053.00-01-024.300	28	27	27	4	287076	4705729	565
370H	Nonparticipating	053.00-01-026.000	28	27	27	4	287003	4705693	565
371H	Nonparticipating	053.00-01-025.000	28	27	27	4	287008	4705722	565
372H	Nonparticipating	053.00-01-028.400	28	27	27	4	286995	4705600	569
373H	Nonparticipating	053.00-01-027.000	28	27	27	4	287004	4705653	566
378D	Nonparticipating	068.00-01-003.000	34	33	33	4	287901	4705966	618

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
379D	Nonparticipating	068.00-01-036.000	34	33	34	4	287871	4705823	624
380D	Nonparticipating	068.00-01-004.000	35	34	35	4	288134	4706017	611
381D	Nonparticipating	068.00-01-005.000	35	34	35	4	288084	4705944	615
383H	Nonparticipating	067.00-01-029.111	30	29	29	4	285851	4704571	619
385H	Nonparticipating	067.00-01-029.112	32	31	31	4	286240	4704753	614
386H	Nonparticipating	067.00-01-008.000	31	30	30	4	286113	4704823	614
389W	Nonparticipating	067.00-01-030.000	37	35	35	4	286462	4704159	621
390D	Nonparticipating	067.00-01-027.000	34	33	33	4	287032	4704584	630
391D	Nonparticipating	067.00-01-028.000	30	29	29	4	287003	4704688	622
392D	Nonparticipating	067.00-01-028.000	30	29	29	4	287041	4704662	627
394D	Nonparticipating	067.00-01-017.000	33	32	32	4	287100	4704671	630
395D	Nonparticipating	067.00-01-018.000	36	35	35	4	287107	4704501	632
396D	Nonparticipating	067.00-01-026.110	36	34	34	4	287023	4704487	628
397D	Nonparticipating	067.00-01-026.200	36	35	35	4	287027	4704409	623
400H	Nonparticipating	068.00-01-025.100	41	39	39	4	288759	4704206	528
401H	Nonparticipating	068.00-01-025.100	42	40	40	4	288780	4704205	528
403H	Nonparticipating	068.00-01-025.200	41	40	40	4	288722	4704311	545
405H	Nonparticipating	068.00-01-020.000	41	40	40	4	288935	4704528	523
406H	Nonparticipating	068.00-01-022.000	42	40	40	4	288972	4704510	522
407H	Nonparticipating	068.00-01-023.000	41	40	40	4	288897	4704451	526
408H	Nonparticipating	068.00-01-019.000	41	39	39	4	288868	4704549	534
413H	Nonparticipating	068.00-01-017.000	41	39	39	4	288986	4704764	534
415H	Nonparticipating	068.00-01-016.000	43	42	42	4	289268	4704653	524
419H	Nonparticipating	068.00-01-015.000	43	41	41	4	289340	4704743	524
425D	Nonparticipating	068.00-01-013.200	46	44	44	4	290211	4704346	542
427D	Nonparticipating	082.00-01-005.200	46	43	43	4	290015	4703562	555
429H	Nonparticipating	068.00-01-027.120	42	40	40	4	288714	4704042	529
430H	Nonparticipating	068.00-01-027.200	41	39	39	4	288605	4703830	524
433H	Nonparticipating	082.00-01-003.000	41	39	39	4	288536	4703730	524
435D	Nonparticipating	082.00-01-020.000	43	40	41	4	287657	4703495	544
436D	Nonparticipating	082.00-01-001.000	43	41	41	4	287567	4703488	550
437D	Nonparticipating	067.00-01-020.000	43	41	41	4	287426	4703433	553
438D	Nonparticipating	067.00-01-025.120	38	36	36	4	287065	4704123	620
439D	Nonparticipating	067.00-01-025.110	38	36	36	4	287010	4704111	620

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
440D	Nonparticipating	067.00-01-025.200	38	36	36	4	286890	4704111	620
443W	Nonparticipating	067.00-01-031.000	37	35	35	4	286568	4704078	604
444D	Nonparticipating	067.00-01-022.000	41	39	39	4	287112	4703627	593
446D	Nonparticipating	067.00-01-024.100	43	41	41	4	287183	4703381	566
449W	Nonparticipating	067.00-01-036.000	36	35	35	4	286131	4704052	636
450W	Nonparticipating	067.00-01-036.000	36	35	35	4	286141	4704068	637
451B	Nonparticipating	067.00-01-043.000	27	27	27	4	284740	4704098	581
453H	Nonparticipating	067.00-01-042.200	28	27	27	4	284518	4703686	560
454H	Nonparticipating	081.00-01-003.000	26	25	26	4	284297	4703462	541
455H	Nonparticipating	067.00-01-045.100	28	27	27	4	284266	4703555	541
457H	Nonparticipating	067.00-01-045.100	27	26	26	4	284320	4703576	543
458D	Nonparticipating	081.00-01-002.200	29	28	28	4	284179	4703043	540
459D	Nonparticipating	081.00-01-002.100	28	28	28	4	284125	4702874	523
464D	Nonparticipating	068.00-01-035.000	35	34	34	4	287898	4705717	626
469D	Nonparticipating	068.00-01-006.000	35	34	35	4	287990	4705709	622
472D	Nonparticipating	068.00-01-033.200	35	34	34	4	287883	4705593	623
473D	Nonparticipating	068.00-01-034.000	33	32	33	4	287811	4705629	624
474H	Nonparticipating	054.00-01-034.120	37	36	36	4	288640	4706239	547
476H	Nonparticipating	054.00-01-033.200	36	36	36	4	288670	4705900	545
479H	Nonparticipating	068.00-01-009.100	38	37	37	4	288895	4705855	536
480H	Nonparticipating	054.00-01-032.000	37	36	36	4	288743	4705714	561
483H	Nonparticipating	068.00-01-008.200	38	37	37	4	288746	4705447	598
484W	Nonparticipating	068.00-01-018.200	39	37	38	4	288522	4704979	614
485D	Nonparticipating	068.00-01-032.120	34	33	34	4	287915	4705364	626
486D	Nonparticipating	068.00-01-032.200	36	35	35	4	287946	4705132	631
489D	Nonparticipating	067.00-01-016.200	33	32	32	4	287510	4705015	635
491D	Nonparticipating	067.00-01-016.110	31	30	31	4	287389	4705086	626
493D	Nonparticipating	067.00-01-015.000	32	31	31	4	287026	4704927	624
494D	Nonparticipating	067.00-01-016.122	31	30	31	4	287140	4705027	623
495D	Nonparticipating	067.00-01-014.220	30	29	29	4	286963	4705065	616
496D	Nonparticipating	067.00-01-014.100	31	30	30	4	287065	4705043	620
500D	Nonparticipating	053.00-01-028.112	31	30	30	4	287045	4705199	609
501D	Nonparticipating	053.00-01-028.500	30	29	29	4	287135	4705337	599

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
502D	Nonparticipating	053.00-01-028.120	30	30	30	4	286977	4705201	608
503D	Nonparticipating	053.00-01-028.310	30	29	29	4	286972	4705319	599
504D	Nonparticipating	053.00-01-028.320	30	30	30	4	286870	4705181	610
505D	Nonparticipating	053.00-01-028.320	30	30	30	4	286897	4705191	610
507H	Nonparticipating	067.00-01-010.400	33	32	33	4	286538	4705102	616
508H	Nonparticipating	067.00-01-010.120	31	30	30	4	286607	4705098	610
509H	Nonparticipating	067.00-01-010.200	31	31	31	4	286612	4705208	610
510H	Nonparticipating	067.00-01-010.300	28	28	28	4	286700	4705192	601
513D	Nonparticipating	067.00-01-005.111	25	24	24	4	285237	4705308	596
514D	Nonparticipating	067.00-01-005.200	25	24	24	4	285069	4705110	580
516D	Nonparticipating	067.00-01-005.112	25	24	25	4	285300	4705269	600
517D	Nonparticipating	066.00-01-026.200	24	23	23	4	283382	4704212	538
518D	Nonparticipating	066.00-01-026.200	24	23	23	4	283418	4704225	543
519D	Nonparticipating	066.00-01-026.200	23	22	23	4	283418	4704252	542
520D	Nonparticipating	067.00-01-056.300	25	25	25	4	283787	4704390	577
521D	Nonparticipating	067.00-01-055.200	24	23	23	4	283843	4704557	573
522D	Nonparticipating	067.00-01-055.200	24	23	23	4	283900	4704556	572
523D	Nonparticipating	067.00-01-056.120	23	23	23	4	283763	4704554	571
525D	Nonparticipating	067.00-01-004.112	27	26	26	4	284533	4704821	592
526H	Nonparticipating	067.00-01-004.200	27	26	26	4	284942	4704703	603
527H	Nonparticipating	067.00-01-041.000	26	26	26	4	284835	4704650	601
528H	Nonparticipating	067.00-01-041.000	27	26	26	4	284824	4704547	601
529B	Nonparticipating	067.00-01-041.000	27	26	27	4	284784	4704282	596
530B	Nonparticipating	067.00-01-044.000	27	27	27	4	284609	4704217	589
541D	Nonparticipating	095.00-01-011.100	46	44	44	4	286578	4701238	621
542D	Nonparticipating	095.00-01-011.200	46	45	45	4	286830	4701209	599
544D	Nonparticipating	095.00-01-011.100	47	45	45	4	286801	4701291	602
547D	Nonparticipating	096.00-01-005.200	48	45	45	4	288112	4700800	568
556H	Nonparticipating	095.00-01-010.120	46	45	45	4	287175	4700786	552
559H	Nonparticipating	095.00-01-015.000	45	44	44	4	287054	4700814	559
561H	Nonparticipating	095.00-01-016.000	44	44	44	4	286680	4700522	556
564H	Nonparticipating	095.00-01-016.000	45	44	44	4	286613	4700479	556
569W	Nonparticipating	095.00-01-006.100	46	45	45	4	285386	4700515	600
570W	Nonparticipating	095.00-01-006.200	43	42	42	4	285382	4700252	581

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
572H	Nonparticipating	095.00-01-034.200	43	42	42	4	285972	4699870	552
574D	Nonparticipating	095.00-01-018.200	44	44	44	4	286432	4699895	555
576H	Nonparticipating	095.00-01-017.200	44	44	44	4	286547	4700426	556
584H	Nonparticipating	096.00-01-008.200	46	44	44	4	288042	4700353	528
585H	Nonparticipating	096.00-01-002.000	46	44	44	4	287917	4700282	544
586H	Nonparticipating	096.00-01-008.111	46	45	45	4	288064	4700215	525
587H	Nonparticipating	096.00-01-001.100	46	45	45	4	287997	4700210	536
589H	Nonparticipating	096.00-01-008.300	46	45	45	4	288113	4700192	522
592H	Nonparticipating	096.00-01-043.100	45	45	45	4	288527	4699870	515
593H	Nonparticipating	096.00-01-010.200	45	42	42	4	288981	4700199	507
594H	Nonparticipating	096.02-01-001.000	44	42	42	4	288807	4699938	499
595H	Nonparticipating	096.02-01-004.000	44	42	42	4	288919	4700053	498
596H	Nonparticipating	096.02-01-003.000	44	42	42	4	288934	4700081	500
597H	Nonparticipating	096.00-01-010.100	44	42	42	4	288959	4700130	502
598H	Nonparticipating	096.02-01-022.000	43	42	42	4	288959	4699937	501
599H	Nonparticipating	096.02-01-002.100	43	41	41	4	289002	4699954	503
600H	Nonparticipating	096.02-01-021.000	43	42	42	4	288927	4699932	500
601H	Nonparticipating	096.02-01-017.000	43	42	42	4	288878	4699830	504
604B	Nonparticipating	096.00-01-046.000	42	41	41	4	288887	4699351	522
611D	Nonparticipating	067.00-01-038.000	36	35	35	4	285646	4703358	633
612D	Nonparticipating	081.00-01-004.000	36	35	35	4	285467	4703167	627
615D	Nonparticipating	081.00-01-004.000	39	37	37	4	285942	4703250	632
620D	Nonparticipating	081.00-01-008.000	40	38	38	4	286290	4703321	624
621B	Nonparticipating	081.00-01-007.200	45	44	44	4	286616	4702774	601
622D	Nonparticipating	081.00-01-007.400	42	41	41	4	286571	4703084	608
624H	Nonparticipating	082.00-01-002.000	43	41	41	4	288085	4703359	531
625H	Nonparticipating	082.00-01-002.000	43	40	40	4	288217	4703353	528
629H	Nonparticipating	082.00-03-007.000	42	40	40	4	288306	4703326	525
648H	Nonparticipating	082.00-03-004.000	45	42	42	4	288330	4702910	519
650H	Nonparticipating	082.00-03-009.000	44	41	41	4	288451	4702799	518
651D	Nonparticipating	082.00-03-011.000	43	42	42	4	288895	4702960	589
654D	Nonparticipating	082.00-03-008.110	44	42	42	4	288994	4703044	601
655D	Nonparticipating	082.00-03-015.100	45	43	43	4	289066	4702948	606

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
656D	Nonparticipating	082.00-03-008.200	44	42	42	4	289065	4703117	604
659D	Nonparticipating	082.00-03-012.000	46	44	45	4	289346	4702930	614
660B	Nonparticipating	082.00-03-016.210	44	43	43	4	289840	4702927	586
664B	Nonparticipating	082.00-03-016.220	46	45	45	4	289735	4702765	597
666D	Nonparticipating	082.00-01-017.000	44	42	42	4	289873	4703293	567
667D	Nonparticipating	082.00-01-008.200	45	43	43	4	289939	4703401	565
675D	Nonparticipating	082.00-01-016.000	44	42	42	4	289868	4703126	574
677D	Nonparticipating	083.00-01-019.000	44	42	43	4	290796	4702901	624
679D	Nonparticipating	083.00-01-034.200	44	42	44	4	291183	4702888	615
684D	Nonparticipating	083.00-01-034.100	42	40	44	4	291457	4702760	608
687B	Nonparticipating	095.00-01-019.200	43	43	43	4	286482	4699539	545
690D	Nonparticipating	096.00-01-060.000	46	45	45	4	286981	4699130	602
691D	Nonparticipating	095.00-01-020.200	46	45	45	4	286897	4699050	602
694D	Nonparticipating	096.00-01-040.000	46	45	45	4	287250	4699027	609
696D	Nonparticipating	095.00-01-018.112	43	42	42	4	286343	4699546	548
697D	Nonparticipating	095.00-01-018.111	44	43	43	4	286400	4699704	557
699H	Nonparticipating	095.00-01-034.420	41	40	40	4	285678	4699702	554
706HH	Nonparticipating	041.00-02-007.210	39	38	38	4	290916	4710239	523
707H	Nonparticipating	041.00-02-007.110	39	37	38	4	291132	4710215	513
710H	Nonparticipating	042.00-01-026.200	37	36	37	4	291432	4709958	490
713HH	Nonparticipating	041.00-02-006.000	39	38	39	4	290795	4710235	536
714B	Nonparticipating	041.00-02-004.120	40	39	39	4	290569	4710185	551
719HH	Nonparticipating	041.00-02-002.100	39	38	38	4	290095	4710182	569
722HH	Nonparticipating	041.00-02-004.200	41	40	40	4	290190	4710072	568
723H	Nonparticipating	041.00-02-036.200	29	28	29	4	288874	4710041	548
727H	Nonparticipating	041.00-02-037.000	28	27	28	4	288864	4710105	547
728H	Nonparticipating	041.00-02-001.200	30	29	30	4	288899	4710598	543
732H	Nonparticipating	041.00-02-041.000	25	25	26	4	288959	4711018	523
734H	Nonparticipating	041.00-02-038.200	31	30	31	4	288947	4709805	544
736H	Nonparticipating	041.00-02-034.000	36	35	35	4	289138	4709602	554
737H	Nonparticipating	041.00-02-033.000	35	34	34	4	289115	4709527	540
738H	Nonparticipating	041.00-02-031.000	36	35	35	4	289258	4709368	544
742H	Nonparticipating	041.00-02-021.000	36	35	35	4	289120	4708953	534
743H	Nonparticipating	041.00-02-030.000	33	32	32	4	289211	4709125	539

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
744H	Nonparticipating	041.00-02-029.120	36	34	35	4	289073	4709118	536
748H	Nonparticipating	041.00-02-022.000	36	35	35	4	289107	4708991	534
750H	Nonparticipating	041.00-02-022.000	36	34	35	4	289104	4709019	534
751H	Nonparticipating	041.00-02-029.110	34	33	34	4	288927	4708944	532
753HH	Nonparticipating	041.00-02-016.212	37	36	36	4	289418	4709473	543
756HH	Nonparticipating	041.00-02-016.213	37	35	35	4	289344	4709383	547
757HH	Nonparticipating	041.00-02-027.000	40	39	39	4	289664	4709567	558
764D	Nonparticipating	083.00-01-003.100	41	39	43	4	291594	4702944	598
766D	Nonparticipating	083.00-01-024.113	40	39	44	4	291782	4702851	584
767D	Nonparticipating	083.00-01-025.000	39	38	44	4	291870	4702901	566
768HH	Nonparticipating	083.00-01-024.114	43	41	44	4	291805	4703121	601
769HH	Nonparticipating	083.00-01-024.120	43	42	43	4	291741	4703257	595
770HH	Nonparticipating	083.00-01-024.120	43	42	44	4	291783	4703247	594
771D	Nonparticipating	083.00-01-031.120	41	40	46	4	292211	4702838	566
772D	Nonparticipating	083.00-01-031.200	41	40	47	4	292397	4702792	576
773D	Nonparticipating	083.00-01-028.113	42	41	46	4	292534	4702870	565
774D	Nonparticipating	083.00-01-033.200	41	40	46	4	292896	4702756	552
776D	Nonparticipating	083.00-01-028.112	41	40	44	4	293070	4702788	553
777D	Nonparticipating	083.00-01-028.115	42	40	45	4	292899	4702832	542
780D	Nonparticipating	083.00-01-008.220	42	41	42	4	293436	4703097	494
783D	Nonparticipating	083.00-01-008.212	42	41	42	4	293509	4703122	495
784D	Nonparticipating	083.00-01-028.116	41	40	44	4	293138	4702854	542
786D	Nonparticipating	083.00-01-008.112	41	40	42	4	293334	4702891	536
789D	Nonparticipating	083.00-01-008.111	40	39	41	4	293713	4702956	532
795B	Nonparticipating	083.00-01-009.120	39	38	41	4	293543	4702734	550
801D	Nonparticipating	082.00-01-013.200	43	42	42	4	290301	4702495	614
802D	Nonparticipating	082.00-01-013.100	42	41	41	4	290326	4702372	611
806H	Nonparticipating	082.00-03-031.110	43	40	40	4	288452	4702199	515
807H	Nonparticipating	082.00-03-030.000	42	40	40	4	288518	4702127	520
810H	Nonparticipating	082.00-03-034.000	42	40	41	4	288785	4701977	523
811H	Nonparticipating	082.00-03-031.121	47	45	45	4	288082	4702259	587
813D	Nonparticipating	081.00-01-016.200	35	34	34	4	285270	4702078	585
816D	Nonparticipating	081.00-01-020.100	34	33	33	4	285085	4702160	570

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
818W	Nonparticipating	081.00-01-018.200	33	32	32	4	285083	4702447	579
819D	Nonparticipating	081.00-01-020.210	33	32	32	4	284861	4702104	525
822D	Nonparticipating	081.00-01-018.111	32	31	31	4	284775	4702464	557
824D	Nonparticipating	081.00-01-018.111	32	31	31	4	284901	4702340	555
825D	Nonparticipating	081.00-01-018.120	31	30	30	4	284486	4702477	532
827D	Nonparticipating	081.00-01-021.110	34	33	33	4	284100	4701664	595
832W	Nonparticipating	081.00-01-020.210	34	34	34	4	284949	4701880	522
833D	Nonparticipating	081.00-01-014.000	44	42	42	4	286020	4701644	626
835D	Nonparticipating	095.00-01-008.100	43	41	41	4	285813	4701591	627
836D	Nonparticipating	081.00-01-012.120	46	43	43	4	286225	4701634	621
837D	Nonparticipating	081.00-01-012.110	48	45	45	4	286351	4701714	613
838HH	Nonparticipating	041.00-02-016.120	37	36	36	4	289338	4708968	555
839HH	Nonparticipating	041.00-02-016.112	38	37	37	4	289412	4708951	563
840HH	Nonparticipating	041.00-02-016.112	37	36	36	4	289428	4708977	564
842HH	Nonparticipating	041.00-02-015.000	40	39	39	4	289730	4709022	588
843HH	Nonparticipating	041.00-02-015.000	40	39	39	4	289684	4709015	583
846HH	Nonparticipating	041.00-02-014.000	43	42	42	4	290032	4708985	614
848HH	Nonparticipating	041.00-02-012.000	46	44	44	4	290278	4708984	635
849HH	Nonparticipating	041.00-02-013.000	45	44	44	4	290187	4708989	629
851HH	Nonparticipating	041.00-02-008.200	46	44	44	4	291083	4709050	609
856HH	Nonparticipating	042.00-01-026.114	44	44	44	4	291780	4709379	533
861L	Nonparticipating	054.07-01-005.000	36	35	35	4	289210	4708492	527
862L	Nonparticipating	054.07-01-011.000	35	34	34	4	289291	4708474	533
863L	Nonparticipating	054.07-01-006.000	34	33	33	4	289313	4708476	535
864L	Nonparticipating	054.07-01-015.000	32	31	32	4	289358	4708271	528
865L	Nonparticipating	054.07-01-017.000	32	31	31	4	289373	4708203	528
866L	Nonparticipating	041.00-02-017.112	36	35	35	4	289070	4708603	532
867L	Nonparticipating	054.07-01-004.111	37	36	36	4	289164	4708184	528
868L	Nonparticipating	054.07-01-004.112	36	36	36	4	289105	4708167	528
869L	Nonparticipating	054.07-01-004.215	35	34	34	4	289050	4708369	522
870L	Nonparticipating	054.07-01-004.212	36	35	35	4	289107	4708409	523
871L	Nonparticipating	054.07-01-018.000	32	31	31	4	289376	4708164	528
872L	Nonparticipating	054.07-01-019.000	36	35	35	4	289369	4708052	530
873L	Nonparticipating	054.11-01-018.000	39	38	38	4	289428	4707507	528



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
874L	Nonparticipating	054.11-01-019.000	39	38	38	4	289406	4707468	528
875L	Nonparticipating	054.11-01-010.000	38	37	37	4	289389	4707600	528
876L	Nonparticipating	054.11-01-006.000	38	37	37	4	289411	4707674	528
877L	Nonparticipating	054.07-01-027.000	37	35	36	4	289436	4707852	529
878L	Nonparticipating	054.07-01-026.000	37	36	36	4	289435	4707888	531
879L	Nonparticipating	054.07-01-021.000	35	34	34	4	289395	4707999	528
880L	Nonparticipating	054.07-01-027.000	37	36	36	4	289397	4707861	528
881L	Nonparticipating	054.07-01-032.000	38	37	37	4	289401	4707778	528
882L	Nonparticipating	054.11-01-003.000	38	37	37	4	289410	4707719	528
883L	Nonparticipating	054.11-01-022.000	39	38	38	4	289404	4707420	528
884L	Nonparticipating	054.07-01-021.000	37	36	36	4	289435	4707994	537
885D	Nonparticipating	054.00-01-021.000	42	40	40	4	290360	4707666	557
886D	Nonparticipating	054.00-01-023.000	43	41	41	4	290253	4707590	570
887D	Nonparticipating	054.00-01-022.000	43	41	41	4	290195	4707587	571
892B	Nonparticipating	055.00-01-001.200	41	41	41	4	291457	4707751	487
893B	Nonparticipating	055.00-01-001.120	42	41	41	4	291422	4707694	493
894B	Nonparticipating	055.00-01-001.110	42	41	41	4	291357	4707768	491
902HH	Nonparticipating	055.00-01-002.200	40	40	40	4	291967	4707990	471
909W	Nonparticipating	055.00-01-030.100	43	41	41	4	292165	4707107	475
912D	Nonparticipating	054.00-01-017.220	45	44	44	4	290055	4707342	609
915L	Nonparticipating	054.00-01-019.000	40	39	39	4	289537	4707245	543
917L	Nonparticipating	054.15-01-028.000	38	38	38	4	289337	4706726	527
918L	Nonparticipating	054.15-01-014.000	39	39	39	4	289379	4707008	528
919L	Nonparticipating	054.15-01-016.000	40	39	39	4	289389	4706980	528
920L	Nonparticipating	054.11-01-035.000	38	38	38	4	289374	4707133	528
921L	Nonparticipating	054.11-01-034.000	35	34	34	4	289411	4707175	529
922L	Nonparticipating	054.11-01-024.000	39	38	38	4	289386	4707388	528
923L	Nonparticipating	054.11-01-028.000	39	38	38	4	289328	4707303	528
924L	Nonparticipating	054.11-01-026.000	39	38	38	4	289316	4707372	528
925L	Nonparticipating	054.11-01-031.000	39	38	38	4	289321	4707232	528
926L	Nonparticipating	054.11-01-040.000	39	38	38	4	289319	4707129	527
927L	Nonparticipating	054.15-01-023.000	39	39	39	4	289341	4706846	527
928L	Nonparticipating	054.00-01-018.000	41	40	40	4	289604	4707288	549

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
936L	Nonparticipating	054.00-01-016.200	40	39	39	4	289433	4706547	542
937L	Nonparticipating	054.00-01-015.110	37	36	36	4	289283	4706529	528
938L	Nonparticipating	054.00-01-015.200	39	38	38	4	289307	4706617	527
939L	Nonparticipating	054.00-01-031.000	38	38	38	4	289247	4706456	528
943L	Nonparticipating	054.00-01-034.300	37	36	36	4	288627	4706456	545
944L	Nonparticipating	054.00-01-011.200	36	36	36	4	288625	4706574	543
945L	Nonparticipating	054.00-01-012.000	37	36	36	4	288662	4706776	542
946L	Nonparticipating	054.00-01-013.000	37	36	36	4	288704	4706631	534
947L	Nonparticipating	054.00-01-014.000	37	36	36	4	288697	4706552	535
948L	Nonparticipating	054.00-01-034.200	37	36	36	4	288761	4706491	533
949L	Nonparticipating	054.00-01-034.111	37	36	36	4	288760	4706540	533
950L	Nonparticipating	054.00-01-044.000	36	35	35	4	288665	4707049	529
951L	Nonparticipating	054.15-01-008.100	38	38	38	4	289193	4707017	525
952L	Nonparticipating	054.15-01-006.000	38	37	37	4	289139	4707020	526
953L	Nonparticipating	054.15-01-003.000	38	37	37	4	289086	4707029	528
954L	Nonparticipating	054.15-01-001.000	38	37	37	4	289053	4707049	528
955L	Nonparticipating	054.00-01-007.300	36	35	35	4	288647	4707089	529
956L	Nonparticipating	054.00-01-011.100	37	36	36	4	288742	4706948	530
957L	Nonparticipating	054.10-01-048.000	37	36	36	4	288815	4707184	528
958L	Nonparticipating	054.10-01-046.000	37	36	36	4	288802	4707226	528
959L	Nonparticipating	054.10-01-044.000	37	36	36	4	288790	4707260	528
960L	Nonparticipating	054.10-01-039.000	36	35	36	4	288728	4707290	528
961L	Nonparticipating	054.10-01-051.000	36	35	35	4	288677	4707285	528
962L	Nonparticipating	054.10-01-022.000	37	36	36	4	288719	4707551	528
963L	Nonparticipating	054.10-01-026.000	37	36	36	4	288692	4707494	528
964L	Nonparticipating	054.10-01-034.000	37	36	36	4	288717	4707383	528
965L	Nonparticipating	054.10-01-020.000	37	36	36	4	288743	4707633	528
966W	Nonparticipating	055.00-01-014.310	44	42	42	4	292464	4706203	469
967W	Nonparticipating	055.00-01-015.110	46	44	44	4	292329	4706095	477
968W	Nonparticipating	055.00-01-015.110	46	44	44	4	292316	4706082	479
977HH	Nonparticipating	069.00-01-021.000	46	42	42	4	292459	4704839	555
981HH	Nonparticipating	069.00-01-026.100	44	42	42	4	292278	4704400	583
984D	Nonparticipating	069.00-01-017.200	47	43	44	4	290787	4704807	599
986D	Nonparticipating	068.00-01-010.112	45	42	42	4	290329	4704906	564

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
989D	Nonparticipating	068.00-01-012.120	47	44	44	4	290655	4704984	609
990D	Nonparticipating	068.00-01-010.300	43	42	42	4	289879	4704995	543
991HH	Nonparticipating	083.00-01-003.200	45	43	43	4	292079	4703734	528
998D	Nonparticipating	054.00-01-034.112	35	34	34	4	288241	4706493	569
999D	Nonparticipating	054.00-01-035.000	35	34	34	4	288248	4706611	573
1003L	Nonparticipating	054.00-01-007.112	36	36	36	4	288714	4707083	528
1004L	Nonparticipating	054.00-01-007.200	35	34	34	4	288452	4707466	534
1005H	Nonparticipating	054.00-01-002.112	33	32	33	4	288145	4707746	534
1006H	Nonparticipating	054.00-01-002.120	33	33	33	4	288184	4707798	534
1007H	Nonparticipating	054.00-01-006.000	34	33	33	4	288247	4707693	534
1008L	Nonparticipating	054.10-01-016.00	36	35	35	4	288659	4707627	528
1009L	Nonparticipating	054.10-01-013.000	36	35	35	4	288646	4707662	528
1010L	Nonparticipating	054.10-01-010.000	36	35	35	4	288623	4707713	528
1011L	Nonparticipating	054.10-01-008.000	35	34	35	4	288566	4707766	528
1012L	Nonparticipating	054.10-01-054.000	35	34	34	4	288533	4707798	530
1013L	Nonparticipating	054.10-01-052.000	35	34	34	4	288531	4707854	531
1014L	Nonparticipating	054.06-01-031.000	35	34	34	4	288589	4707913	529
1015L	Nonparticipating	054.06-01-021.000	36	35	35	4	288658	4707881	528
1016L	Nonparticipating	054.06-01-016.000	36	35	35	4	288686	4707965	528
1017L	Nonparticipating	054.06-01-014.000	36	35	35	4	288667	4708017	528
1018L	Nonparticipating	054.06-01-030.000	34	33	33	4	288501	4708039	532
1019L	Nonparticipating	054.06-01-029.000	34	33	34	4	288532	4708074	529
1020L	Nonparticipating	054.06-01-028.000	35	34	34	4	288599	4708108	528
1021L	Nonparticipating	054.00-01-005.000	34	33	33	4	288382	4707982	534
1022H	Nonparticipating	054.00-01-002.212	33	32	33	4	288148	4707849	534
1023H	Nonparticipating	054.00-01-002.111	34	33	33	4	288216	4707742	534
1024L	Nonparticipating	054.06-01-002.112	35	34	34	4	288683	4708222	528
1025L	Nonparticipating	041.00-02-017.210	35	34	34	4	288747	4708361	534
1026L	Nonparticipating	041.00-02-020.000	35	34	34	4	288751	4708248	531
1027L	Nonparticipating	041.00-02-018.000	35	34	34	4	288940	4708419	524
1028L	Nonparticipating	041.00-02-017.120	35	34	34	4	288962	4708515	523
1029L	Nonparticipating	041.00-02-017.230	35	34	34	4	288862	4708425	533
1030L	Nonparticipating	054.07-01-004.213	35	34	34	4	289082	4708352	523

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
1031L	Nonparticipating	054.07-01-001.000	36	35	35	4	288797	4708001	528
1032L	Nonparticipating	054.07-01-002.000	37	36	36	4	289019	4707971	528
2209H	Nonparticipating	082.00-03-024.000	42	40	40	4	289431	4700613	508
2210H	Nonparticipating	096.00-01-014.000	42	40	40	4	289304	4700513	504
2213W	Nonparticipating	096.00-01-023.000	34	33	36	4	290504	4700723	523
2217W	Nonparticipating	082.00-03-021.000	40	39	40	4	290056	4701310	553
2219D	Nonparticipating	083.00-01-015.200	38	37	41	4	291106	4701353	527
2220D	Nonparticipating	083.00-01-015.120	39	38	41	4	290984	4701444	558
2223D	Nonparticipating	097.00-03-001.200	34	33	38	4	291044	4700980	510
2225D	Nonparticipating	097.00-03-012.000	34	33	39	4	291090	4701107	515
2226D	Nonparticipating	097.00-03-012.000	36	36	40	4	291055	4701142	522
2227W	Nonparticipating	097.00-03-001.114	32	31	36	4	290933	4700751	494
2229D	Nonparticipating	097.00-03-001.120	29	29	36	4	291348	4700669	470
2230D	Nonparticipating	097.00-03-001.111	31	30	34	4	291210	4700730	486
2231D	Nonparticipating	097.00-03-001.111	30	29	36	4	291268	4700659	472
2235H	Nonparticipating	097.00-01-001.100	29	28	36	4	291358	4700465	466
2236H	Nonparticipating	097.00-03-004.000	30	29	36	4	291459	4700519	465
2240B	Nonparticipating	097.00-03-009.200	30	29	33	4	291897	4700536	455
2241B	Nonparticipating	097.00-03-007.110	30	29	36	4	291798	4700534	458
2242B	Nonparticipating	097.00-01-006.120	29	28	36	4	291883	4700469	449
2247H	Nonparticipating	097.00-03-009.100	31	30	37	4	292200	4700602	490
2250W	Nonparticipating	083.00-01-014.120	30	29	47	4	292000	4701361	563
2251W	Nonparticipating	083.00-01-014.110	31	30	45	4	292087	4701248	553
2261W	Nonparticipating	097.00-03-010.112	30	29	39	4	292882	4700889	526
2263B	Nonparticipating	098.00-01-043.110	26	25	30	4	293393	4700369	438
2264D	Nonparticipating	083.00-01-016.000	35	34	39	4	290827	4701875	569
2267B	Nonparticipating	098.00-01-009.122	23	22	25	4	294679	4699671	498
2270D	Nonparticipating	098.00-01-040.110	23	22	25	4	294455	4699449	523
2271D	Nonparticipating	098.00-01-040.120	23	22	25	4	294392	4699458	527
2355D	Nonparticipating	098.00-01-004.123	29	28	31	4	294150	4699640	559
2356D	Nonparticipating	098.00-01-004.121	30	29	32	4	294065	4699551	565
2361B	Nonparticipating	098.00-01-043.110	27	26	33	4	293330	4700278	441
2362B	Nonparticipating	098.00-01-045.000	26	25	30	4	293141	4700286	437
2364H	Nonparticipating	097.00-01-006.200	27	26	35	4	292949	4700262	439



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
2365H	Nonparticipating	097.00-01-006.111	27	27	31	4	292880	4700316	451
2366H	Nonparticipating	097.00-01-006.111	27	26	32	4	292897	4700315	449
2369D	Nonparticipating	098.00-01-042.000	28	27	32	4	293188	4699521	496
2376B	Nonparticipating	097.00-01-026.000	27	26	29	4	291998	4699631	540
2377B	Nonparticipating	097.00-01-026.000	27	26	29	4	291989	4699638	541
2384H	Nonparticipating	097.00-01-028.000	32	31	34	4	290705	4700001	466
2385H	Nonparticipating	097.00-01-028.000	33	32	34	4	290736	4699975	471
2387H	Nonparticipating	096.00-01-029.100	33	32	33	4	290392	4699915	474
2388H	Nonparticipating	096.00-01-029.200	33	32	33	4	290441	4699929	473
2389H	Nonparticipating	096.00-01-055.100	31	30	33	4	290559	4699897	473
2390H	Nonparticipating	096.00-01-055.100	32	31	33	4	290556	4699924	471
2391H	Nonparticipating	096.00-01-055.100	32	31	32	4	290552	4699950	470
2392H	Nonparticipating	096.00-01-055.100	32	31	32	4	290554	4699976	468
2396H	Nonparticipating	096.00-01-024.120	35	33	35	4	290136	4699836	481
2398H	Nonparticipating	096.00-01-028.200	33	32	33	4	290301	4699934	471
2399H	Nonparticipating	096.00-01-024.200	31	30	31	4	290111	4699988	468
2400H	Nonparticipating	096.00-01-024.111	36	34	35	4	290072	4699778	482
2402H	Nonparticipating	096.00-01-030.200	36	35	36	4	290205	4699669	495
2403H	Nonparticipating	096.00-01-031.211	37	35	36	4	290103	4699674	491
2404H	Nonparticipating	096.00-01-031.300	37	35	36	4	290118	4699602	497
2405H	Nonparticipating	096.00-01-056.000	37	35	36	4	289981	4699552	490
2406H	Nonparticipating	096.00-01-030.200	36	35	36	4	290189	4699635	496
2407H	Nonparticipating	096.00-01-031.220	37	35	36	4	290037	4699652	488
2409H	Nonparticipating	096.00-01-024.300	36	35	36	4	290057	4699745	484
2410H	Nonparticipating	096.00-01-053.120	36	34	35	4	289744	4699497	476
2412H	Nonparticipating	096.00-01-020.000	42	40	40	4	289229	4700116	492
2413H	Nonparticipating	096.00-01-016.000	43	41	41	4	289162	4700178	488
2414H	Nonparticipating	096.00-01-016.000	42	41	41	4	289174	4700184	488
2415H	Nonparticipating	096.00-01-013.000	43	41	41	4	289237	4700296	486
2421H	Nonparticipating	096.02-01-012.000	42	41	41	4	289188	4700045	507
2424H	Nonparticipating	096.02-01-019.000	43	42	42	4	288878	4699872	503
2425H	Nonparticipating	096.02-01-049.000	43	42	42	4	288829	4699875	502
2426H	Nonparticipating	096.02-01-020.000	43	42	42	4	288888	4699908	501

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
2431H	Nonparticipating	096.02-01-015.000	43	41	42	4	288924	4699818	505
2432H	Nonparticipating	096.00-01-021.200	38	37	37	4	289494	4699585	488
2433H	Nonparticipating	096.00-01-021.111	38	37	37	4	289402	4699680	490
2442H	Nonparticipating	096.00-01-021.300	38	36	37	4	289590	4699517	490
2444H	Nonparticipating	096.00-01-021.112	38	37	37	4	289639	4699485	491
2446H	Nonparticipating	096.00-01-021.120	37	36	36	4	289654	4699563	482
2447B	Nonparticipating	096.00-01-039.000	47	45	45	4	287401	4698961	614
2450H	Nonparticipating	096.00-01-041.111	41	40	40	4	288712	4698952	537
2451H	Nonparticipating	096.00-01-041.200	41	39	39	4	288735	4698920	534
2455R	Nonparticipating	096.00-01-041.112	43	41	41	4	288653	4698629	553
2456H	Nonparticipating	096.00-01-041.120	44	43	43	4	288489	4698962	549
2458B	Nonparticipating	096.00-01-045.000	40	39	39	4	288900	4699014	510
2459B	Nonparticipating	096.00-01-035.000	40	39	39	4	288912	4698945	510
2464H	Nonparticipating	096.00-01-054.200	39	37	38	4	289493	4698825	557
2466D	Nonparticipating	097.00-01-022.112	32	30	31	4	290509	4698574	526
2470D	Nonparticipating	097.00-01-020.200	31	30	30	4	291542	4698533	562
2476W	Nonparticipating	097.00-01-019.000	32	31	32	4	292170	4698548	583
2478D	Nonparticipating	097.00-01-025.120	27	26	30	4	291976	4699235	523
2488W	Nonparticipating	098.00-01-040.210	27	27	31	4	293668	4699331	520
2493B	Nonparticipating	111.00-02-002.110	27	26	27	4	293511	4698374	544
2495B	Nonparticipating	111.00-02-002.120	27	26	27	4	293729	4698357	564
2570D	Nonparticipating	111.00-02-007.100	24	23	24	4	294045	4698072	547
2573D	Nonparticipating	111.00-02-003.110	27	26	26	4	293027	4697861	523
2586D	Nonparticipating	111.00-01-005.000	27	27	27	4	291894	4697782	529
2590W	Nonparticipating	111.00-01-003.112	29	28	28	4	291694	4698097	522
2592H	Nonparticipating	096.00-01-058.100	39	37	37	4	289684	4698411	563
2593R	Nonparticipating	110.00-01-012.000	40	37	37	4	289591	4698018	580
2601R	Nonparticipating	110.00-01-014.000	39	36	36	4	289647	4698076	574
2602H	Nonparticipating	110.00-01-038.000	41	39	39	4	289688	4697729	595
2603W	Nonparticipating	110.00-01-035.000	34	33	33	4	290299	4697596	553
2605B	Nonparticipating	110.00-01-039.000	41	39	39	4	289666	4697531	596
2606B	Nonparticipating	110.00-01-039.000	41	39	39	4	289669	4697542	596
2609D	Nonparticipating	110.00-01-007.220	44	41	41	4	288543	4698240	537
2610D	Nonparticipating	096.00-01-036.000	45	43	43	4	288435	4698350	543

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
2612D	Nonparticipating	110.00-01-007.212	45	41	41	4	288523	4698113	547
2613D	Nonparticipating	110.00-01-007.120	46	42	42	4	288420	4698089	553
2620H	Nonparticipating	110.00-01-032.000	47	45	45	4	287510	4697594	576
2624H	Nonparticipating	109.00-01-025.000	46	44	44	4	286845	4697477	548
2627H	Participating	109.00-01-029.000	46	44	44	4	286838	4697411	558
2629H	Nonparticipating	109.00-01-070.000	46	44	44	4	286943	4697458	553
2630H	Nonparticipating	109.00-01-066.220	43	42	42	4	286184	4697467	544
2631H	Nonparticipating	109.00-01-066.210	43	42	42	4	286130	4697447	547
2634B	Nonparticipating	109.00-01-066.111	42	40	40	4	285890	4697507	554
2640H	Nonparticipating	109.00-01-065.000	40	39	39	4	285696	4697515	554
2641H	Nonparticipating	109.00-01-065.000	40	39	39	4	285706	4697501	556
2645H	Nonparticipating	109.00-01-067.000	41	40	40	4	285815	4697502	556
2646H	Nonparticipating	109.00-01-061.100	34	33	33	4	284936	4697559	512
2647H	Nonparticipating	109.00-01-061.100	34	33	33	4	284891	4697549	512
2653H	Nonparticipating	110.00-01-034.000	41	39	39	4	289673	4697274	598
2655H	Nonparticipating	110.00-01-023.221	43	43	43	4	289707	4696878	615
2658HH	Nonparticipating	111.00-01-021.200	35	34	34	4	290895	4696646	601
2660W	Nonparticipating	111.00-01-002.000	30	29	30	4	290962	4697308	582
2661HH	Nonparticipating	111.00-01-020.100	31	30	30	4	291028	4696561	592
2662W	Nonparticipating	111.00-01-020.100	28	27	27	4	291189	4696712	587
2666D	Nonparticipating	111.00-01-019.220	31	30	31	4	291946	4697117	583
2667D	Nonparticipating	111.00-01-019.220	28	27	28	4	292021	4697095	580
2670B	Nonparticipating	111.00-01-017.000	24	24	24	4	292960	4696961	523
2671B	Nonparticipating	111.00-02-005.000	23	22	23	4	293030	4697004	522
2681B	Nonparticipating	111.00-01-017.000	24	23	24	4	293062	4696960	522
2682H	Nonparticipating	111.00-01-013.110	24	23	25	4	293384	4696613	516
2685H	Nonparticipating	111.00-01-012.000	25	24	26	4	293547	4696365	516
2686H	Nonparticipating	111.00-01-013.200	26	25	26	4	293695	4696265	516
2687HH	Nonparticipating	125.00-01-005.200	28	28	28	4	292980	4695788	559
2693R	Nonparticipating	111.00-01-021.122	33	32	32	4	291039	4696081	577
2695R	Nonparticipating	124.00-03-007.120	33	32	32	4	290999	4695975	575
2696R	Nonparticipating	124.00-03-007.112	32	31	31	4	291026	4695854	571
2698H	Nonparticipating	124.00-03-007.400	29	29	29	4	291020	4695695	560

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
2701H	Nonparticipating	125.00-01-001.200	28	27	27	4	291105	4695609	555
2703H	Nonparticipating	124.00-03-007.200	29	28	28	4	290973	4695490	549
2704H	Nonparticipating	124.00-03-007.200	29	28	28	4	290977	4695508	550
2707H	Nonparticipating	124.00-03-006.200	35	34	34	4	290366	4695635	583
2790D	Nonparticipating	124.00-01-005.000	42	41	41	4	288847	4695732	588
2791R	Nonparticipating	124.00-01-004.000	42	41	41	4	288337	4695596	528
2792R	Nonparticipating	124.00-01-008.200	40	39	39	4	288339	4695423	525
2793R	Nonparticipating	110.00-01-028.200	47	45	45	4	287861	4696109	587
2801HH	Nonparticipating	124.00-01-001.200	48	45	45	4	286615	4695945	559
2802R	Nonparticipating	124.00-01-025.000	46	45	45	4	286984	4694741	558
2807R	Nonparticipating	124.00-01-008.112	42	41	41	4	288418	4695200	527
2808R	Nonparticipating	124.00-01-007.000	37	36	36	4	288377	4695075	509
2814R	Nonparticipating	124.00-01-008.120	37	36	36	4	288435	4694997	506
2816H	Nonparticipating	124.00-01-008.111	39	38	38	4	288510	4694527	518
2817H	Nonparticipating	124.00-01-008.700	39	38	38	4	288419	4694509	509
2818H	Nonparticipating	124.00-01-008.111	38	37	37	4	288607	4694531	527
2843H	Nonparticipating	124.00-03-003.120	34	34	34	4	289342	4694944	575
2844H	Nonparticipating	124.00-03-003.110	31	30	30	4	289507	4694915	564
2852H	Nonparticipating	124.00-03-018.110	31	30	30	4	289348	4694409	496
2853H	Nonparticipating	124.00-03-018.110	31	31	31	4	289333	4694413	497
2854H	Nonparticipating	124.00-03-022.000	29	28	28	4	289688	4694551	501
2855H	Nonparticipating	124.00-03-022.000	29	28	28	4	289700	4694548	500
2858H	Nonparticipating	124.00-03-003.200	30	29	29	4	289719	4694958	555
2861H	Nonparticipating	124.00-03-011.200	30	29	29	4	289947	4694518	512
2863H	Nonparticipating	124.00-03-023.000	28	28	28	4	290198	4694830	528
2867H	Nonparticipating	124.00-03-009.000	30	29	29	4	290272	4694935	536
2869H	Nonparticipating	124.00-03-008.000	30	29	29	4	290380	4695030	541
2871H	Nonparticipating	124.00-03-027.000	31	30	30	4	290554	4695313	564
2874H	Nonparticipating	124.00-03-010.200	33	32	32	4	290576	4694826	571
2876H	Nonparticipating	124.00-03-010.120	32	31	31	4	290689	4694558	584
2877H	Nonparticipating	124.00-03-010.111	33	32	32	4	290574	4694648	579
2880H	Nonparticipating	125.00-01-029.000	26	25	25	4	291114	4695092	530
2881HH	Nonparticipating	125.00-01-004.200	22	21	22	4	292847	4695319	528
2882HH	Nonparticipating	125.00-01-004.200	22	21	22	4	292848	4695339	528



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
2883HH	Nonparticipating	125.00-01-022.000	23	23	24	4	292764	4694933	559
2885HH	Nonparticipating	125.00-01-011.100	21	21	21	4	292908	4694449	556
2886HH	Nonparticipating	125.00-01-011.211	21	20	21	4	293073	4694331	542
2889H	Nonparticipating	125.00-01-019.000	21	20	21	4	292603	4693984	541
2897H	Nonparticipating	125.00-01-020.100	22	22	22	4	292079	4694276	535
2898H	Nonparticipating	125.00-01-020.200	22	21	22	4	292086	4694154	532
2899H	Nonparticipating	125.00-01-018.200	22	21	22	4	292123	4694100	534
2900H	Nonparticipating	125.00-01-018.200	22	21	22	4	292138	4694107	536
2901H	Nonparticipating	125.00-01-018.120	22	21	21	4	292125	4694048	531
2903H	Nonparticipating	125.00-01-021.100	22	22	22	4	291984	4694135	522
2904H	Nonparticipating	125.00-01-018.112	22	21	21	4	292142	4694010	531
2905H	Nonparticipating	125.00-01-016.000	22	21	21	4	292082	4693959	521
2910H	Nonparticipating	125.00-01-018.113	21	21	21	4	292323	4693823	522
2911H	Nonparticipating	125.00-01-018.111	22	21	21	4	292260	4693908	530
2918R	Nonparticipating	124.00-03-012.200	32	31	31	4	289774	4693592	528
2920R	Nonparticipating	138.00-03-005.000	31	30	30	4	289804	4693401	522
2923H	Nonparticipating	124.00-03-018.120	31	31	31	4	289492	4694321	492
2924H	Nonparticipating	124.00-03-018.120	31	31	31	4	289506	4694327	492
2925H	Nonparticipating	124.00-03-011.120	31	30	30	4	289637	4694342	496
2926H	Nonparticipating	124.00-03-011.120	31	30	31	4	289690	4694277	503
2927H	Nonparticipating	124.00-03-020.000	32	31	31	4	289273	4694326	489
2928H	Nonparticipating	124.00-03-020.000	31	31	31	4	289263	4694316	489
2929H	Nonparticipating	124.00-03-017.200	32	31	31	4	289426	4694090	506
2930H	Nonparticipating	124.00-03-025.000	32	31	31	4	289336	4694031	496
2931H	Nonparticipating	124.00-03-025.000	32	31	31	4	289350	4694025	498
2932H	Nonparticipating	124.00-03-017.100	32	31	31	4	289437	4694016	510
2933H	Nonparticipating	124.00-03-026.000	32	31	31	4	289409	4694132	500
2934R	Nonparticipating	124.00-03-012.100	33	32	32	4	289535	4693894	521
2936H	Nonparticipating	124.00-03-020.000	34	33	33	4	288934	4694105	474
2937H	Nonparticipating	124.00-01-011.212	34	33	33	4	288875	4694104	474
2938H	Nonparticipating	124.00-01-011.220	34	34	34	4	288779	4694097	473
2939H	Nonparticipating	124.00-01-010.000	34	33	33	4	288886	4694044	477
2940H	Nonparticipating	124.00-03-019.110	33	32	32	4	289002	4694001	479

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
2941H	Nonparticipating	124.00-03-019.110	33	32	32	4	289008	4694016	479
2942H	Nonparticipating	124.00-03-024.000	33	33	33	4	289026	4694065	479
3032R	Nonparticipating	124.00-03-016.100	32	31	31	4	289377	4693722	492
3033R	Nonparticipating	124.00-03-016.200	32	31	31	4	289443	4693747	499
3035H	Nonparticipating	124.00-01-011.100	36	36	36	4	288243	4694027	471
3036H	Nonparticipating	124.00-01-011.100	36	35	35	4	288241	4694036	471
3039H	Nonparticipating	124.00-01-018.000	36	35	35	4	287955	4693837	463
3040H	Nonparticipating	124.00-01-013.000	36	35	36	4	287972	4693921	468
3041H	Nonparticipating	124.00-01-016.000	36	36	36	4	287962	4693952	470
3042H	Nonparticipating	124.00-01-012.000	36	36	36	4	288044	4693893	469
3047H	Nonparticipating	124.00-01-020.000	36	36	36	4	287820	4693933	465
3048H	Nonparticipating	124.00-01-021.000	36	35	35	4	287759	4693936	464
3049R	Nonparticipating	138.00-01-017.000	34	34	34	4	287745	4693393	476
3053R	Nonparticipating	138.00-01-018.000	34	33	33	4	287776	4693370	473
3054H	Nonparticipating	123.00-01-013.000	33	33	33	4	286868	4693651	444
3055H	Nonparticipating	123.00-01-014.000	35	35	35	4	286809	4693640	444
3056H	Nonparticipating	138.00-01-002.000	35	35	35	4	286836	4693567	447
3057H	Nonparticipating	138.00-01-001.200	36	36	36	4	286890	4693577	447
3059H	Nonparticipating	138.00-01-004.000	36	36	36	4	287187	4693644	453
3060H	Nonparticipating	138.00-01-003.000	36	36	36	4	287136	4693641	452
3061H	Nonparticipating	138.00-01-003.000	36	36	36	4	287091	4693636	451
3062H	Nonparticipating	138.00-01-004.000	36	35	35	4	287174	4693632	453
3063H	Nonparticipating	124.00-01-024.000	37	36	36	4	287456	4693868	462
3066H	Nonparticipating	137.00-02-014.000	35	35	35	4	286602	4693547	443
3070H	Nonparticipating	137.00-02-011.000	35	35	35	4	286107	4693569	437
3071H	Nonparticipating	137.00-02-013.000	35	35	35	4	286311	4693551	439
3082B	Nonparticipating	138.00-01-016.000	34	33	33	4	287370	4692893	558
3083B	Nonparticipating	138.00-01-016.000	34	33	33	4	287369	4692885	559
3088R	Nonparticipating	138.00-03-003.100	29	28	29	4	289469	4692833	562
3089R	Nonparticipating	138.00-03-004.100	30	30	30	4	289740	4693240	508
3090R	Nonparticipating	138.00-03-004.100	30	30	30	4	289748	4693223	508
3091R	Nonparticipating	138.00-03-006.100	30	29	29	4	289881	4693073	524
3097R	Nonparticipating	138.00-03-007.000	29	28	28	4	289846	4692945	517
3102R	Nonparticipating	138.00-03-009.122	29	28	28	4	289958	4692720	529



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3176H	Nonparticipating	138.00-03-010.000	27	26	26	4	290297	4692592	567
3177H	Nonparticipating	138.00-03-010.000	29	28	28	4	290226	4692590	561
3178H	Nonparticipating	138.00-03-009.123	29	28	28	4	290154	4692608	554
3179H	Nonparticipating	138.00-03-011.200	25	24	24	4	290083	4692315	526
3182H	Nonparticipating	138.00-03-011.120	24	24	24	4	290436	4692626	571
3184HH	Nonparticipating	139.00-01-003.200	23	22	23	4	291202	4692965	573
3185HH	Nonparticipating	139.00-01-003.200	23	22	23	4	291206	4692973	573
3186D	Nonparticipating	139.00-01-012.000	21	20	21	4	291448	4692499	568
3187D	Nonparticipating	139.00-01-012.000	21	20	21	4	291471	4692502	568
3189HH	Nonparticipating	139.00-01-005.100	21	20	20	4	291910	4692913	510
3190R	Nonparticipating	139.00-01-005.100	20	19	19	4	292415	4692670	506
3191R	Nonparticipating	139.00-01-005.100	20	19	19	4	292402	4692668	505
3206H	Nonparticipating	139.00-01-004.110	21	20	20	4	292188	4693253	510
3207H	Nonparticipating	139.00-01-004.143	20	19	20	4	292434	4693063	510
3208H	Nonparticipating	139.00-01-004.142	20	20	20	4	292432	4693099	510
3212H	Nonparticipating	139.07-01-004.200	20	19	20	4	292566	4693264	510
3213H	Nonparticipating	139.07-01-003.100	20	20	20	4	292556	4693334	510
3214H	Nonparticipating	139.07-01-005.000	20	19	20	4	292610	4693304	510
3215H	Nonparticipating	139.07-01-002.000	20	20	20	4	292550	4693356	510
3216H	Nonparticipating	139.07-01-004.200	20	20	20	4	292555	4693276	510
3217H	Nonparticipating	139.07-01-007.000	20	19	19	4	292640	4693182	510
3222R	Nonparticipating	139.00-01-012.000	20	20	20	4	292384	4692243	505
3235R	Nonparticipating	139.00-01-014.000	19	18	18	4	292369	4691848	501
3236R	Nonparticipating	139.00-01-014.000	19	18	18	4	292367	4691831	500
3237R	Nonparticipating	154.00-01-002.000	19	18	18	4	292366	4691769	499
3238R	Nonparticipating	154.00-01-002.000	19	18	18	4	292373	4691758	499
3249R	Nonparticipating	154.00-01-004.000	18	17	18	4	292458	4691626	500
3250R	Nonparticipating	139.00-01-013.000	19	18	18	4	292333	4691689	498
3261D	Nonparticipating	139.00-01-012.000	21	20	20	4	291281	4692221	549
3263B	Nonparticipating	154.00-01-001.200	20	19	19	4	290822	4691550	545
3274B	Nonparticipating	154.00-01-001.100	20	19	19	4	290796	4691447	543
3275H	Nonparticipating	138.00-03-012.200	29	28	28	4	289675	4691978	577
3278H	Nonparticipating	138.00-03-013.000	30	29	29	4	289203	4692261	566

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3279H	Nonparticipating	138.00-03-013.000	30	29	29	4	289202	4692275	566
3281H	Nonparticipating	138.00-03-001.000	30	29	29	4	288854	4692308	564
3289D	Nonparticipating	138.00-03-001.000	30	29	29	4	288808	4691931	577
3293D	Nonparticipating	153.00-01-046.000	30	29	29	4	288558	4691856	581
3299H	Nonparticipating	138.00-01-011.000	30	29	29	4	288024	4691928	569
3300B	Nonparticipating	138.00-01-010.200	30	30	30	4	287682	4691960	585
3301B	Nonparticipating	138.00-01-010.111	31	30	30	4	287682	4692008	583
3311B	Nonparticipating	138.00-01-010.200	30	30	30	4	287677	4691942	586
3313H	Nonparticipating	153.00-01-008.000	30	29	29	4	287728	4691784	589
3318H	Nonparticipating	138.00-01-010.120	31	30	30	4	287284	4691997	595
3319H	Nonparticipating	153.00-01-004.000	28	27	27	4	286932	4691922	577
3322H	Nonparticipating	138.00-01-014.100	31	30	30	4	286697	4692035	566
3327H	Nonparticipating	138.00-01-014.200	31	30	30	4	286662	4692020	565
3329D	Nonparticipating	154.00-01-026.122	26	25	25	4	290591	4690502	595
3330D	Nonparticipating	154.00-01-026.122	26	25	25	4	290567	4690480	595
3333B	Nonparticipating	154.00-01-001.100	19	19	19	4	290904	4691283	544
3334B	Nonparticipating	154.00-01-001.100	19	19	19	4	290922	4691282	542
3335D	Nonparticipating	154.00-01-003.100	19	18	18	4	291260	4691265	543
3336D	Nonparticipating	154.00-01-003.100	19	18	18	4	291272	4691257	545
3337D	Nonparticipating	154.00-01-003.100	19	18	18	4	291318	4691271	543
3338H	Nonparticipating	154.00-01-008.200	17	16	16	4	292208	4690649	496
3339H	Nonparticipating	154.00-01-008.200	17	16	16	4	292205	4690674	498
3342H	Nonparticipating	154.00-01-032.112	17	16	16	4	292245	4690214	492
3343H	Nonparticipating	154.00-01-032.112	17	16	16	4	292283	4690267	492
3344H	Nonparticipating	154.00-01-032.120	17	16	16	4	292301	4690306	492
3349H	Nonparticipating	154.00-01-030.000	16	15	16	4	291939	4689912	493
3360H	Nonparticipating	154.00-01-029.000	17	16	16	4	291574	4689966	492
3369B	Nonparticipating	154.00-01-026.112	17	16	17	4	290918	4690038	563
3370B	Nonparticipating	154.00-01-026.111	17	16	17	4	290901	4689996	562
3371B	Nonparticipating	154.00-01-026.200	17	16	16	4	290980	4689965	556
3372B	Nonparticipating	154.00-01-025.120	19	18	18	4	290439	4690138	581
3373B	Nonparticipating	154.00-01-024.000	17	17	17	4	290739	4690047	574
3374B	Nonparticipating	154.00-01-024.000	17	17	17	4	290728	4690036	574
3383B	Nonparticipating	154.00-01-025.120	19	18	18	4	290443	4690152	581

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3384H	Nonparticipating	109.13-01-023.000	31	31	31	4	283839	4697188	475
3385H	Nonparticipating	109.13-01-023.000	30	29	29	4	283845	4697167	474
3386H	Nonparticipating	109.13-01-024.000	30	29	29	4	283836	4697146	473
3387H	Nonparticipating	109.13-01-029.000	30	29	29	4	283925	4697141	471
3388H	Nonparticipating	109.13-01-036.000	30	29	29	4	283889	4697095	471
3389H	Nonparticipating	109.13-01-036.000	30	29	29	4	283881	4697119	472
3390H	Nonparticipating	109.13-01-030.000	30	29	29	4	283908	4697131	471
3391H	Nonparticipating	109.13-01-031.000	30	29	29	4	283834	4697100	472
3392H	Nonparticipating	109.13-01-032.000	30	29	29	4	283863	4697084	471
3393H	Nonparticipating	109.13-01-032.000	30	29	29	4	283834	4697079	472
3394H	Nonparticipating	109.13-01-033.000	30	29	29	4	283831	4697057	472
3395H	Nonparticipating	109.13-01-034.000	30	29	29	4	283831	4697036	471
3396H	Nonparticipating	109.13-01-061.000	30	29	29	4	283795	4697046	472
3397H	Nonparticipating	109.13-01-019.000	30	29	29	4	283792	4697098	473
3398H	Nonparticipating	109.13-01-020.000	30	29	29	4	283795	4697121	473
3399H	Nonparticipating	109.13-01-021.000	30	29	29	4	283800	4697136	473
3400H	Nonparticipating	109.00-01-053.000	31	30	30	4	283798	4697182	476
3403H	Nonparticipating	109.13-01-017.000	30	29	29	4	283785	4697001	471
3404H	Nonparticipating	109.13-01-016.000	30	29	29	4	283782	4696973	470
3405H	Nonparticipating	109.13-01-015.000	30	29	29	4	283780	4696922	470
3406H	Nonparticipating	109.13-01-062.000	29	29	29	4	283933	4696878	467
3407H	Nonparticipating	109.13-01-041.000	29	28	29	4	283841	4696855	468
3408H	Nonparticipating	109.13-01-064.000	29	28	29	4	283887	4696859	468
3409H	Nonparticipating	109.13-01-041.000	29	28	28	4	283805	4696790	467
3410H	Nonparticipating	109.13-01-046.000	28	27	27	4	283753	4696769	465
3411H	Nonparticipating	109.13-01-047.000	28	27	27	4	283734	4696722	463
3412H	Nonparticipating	109.13-01-049.000	29	28	28	4	283660	4696784	468
3413H	Nonparticipating	109.13-01-050.000	29	28	28	4	283630	4696778	469
3414H	Nonparticipating	109.13-01-011.000	29	29	29	4	283644	4696832	469
3415H	Nonparticipating	109.13-01-009.000	29	28	28	4	283610	4696819	470
3416H	Nonparticipating	109.13-01-008.000	29	28	28	4	283586	4696814	470
3421H	Nonparticipating	109.13-01-037.000	30	29	29	4	283931	4696987	468
3422H	Nonparticipating	109.13-01-040.000	30	29	29	4	283816	4696885	469

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3423H	Nonparticipating	109.13-01-027.000	30	29	29	4	283935	4697023	469
3424H	Nonparticipating	109.13-01-027.000	30	29	29	4	283963	4697021	468
3426H	Nonparticipating	109.13-01-066.000	30	29	29	4	284117	4697158	461
3427H	Nonparticipating	109.13-01-066.000	30	29	29	4	284111	4697145	461
3428H	Nonparticipating	109.00-01-056.000	30	29	29	4	284102	4697114	461
3429R	Nonparticipating	109.00-01-059.000	30	29	29	4	284307	4696935	505
3430R	Nonparticipating	109.00-01-059.000	30	29	29	4	284301	4696917	505
3432R	Nonparticipating	109.00-01-035.000	29	28	28	4	284028	4696473	480
3433R	Nonparticipating	109.00-01-035.000	29	28	28	4	284037	4696477	481
3434R	Nonparticipating	109.00-01-035.000	30	29	29	4	284057	4696466	483
3435R	Nonparticipating	109.00-01-058.000	30	29	29	4	284425	4697081	513
3438R	Nonparticipating	109.00-01-063.000	32	31	31	4	284675	4697156	551
3440H	Nonparticipating	109.00-01-014.000	32	31	31	4	284707	4698123	474
3441H	Nonparticipating	109.00-01-013.000	32	31	31	4	284712	4698060	474
3442H	Nonparticipating	109.00-01-012.000	32	31	31	4	284754	4697969	478
3443H	Nonparticipating	109.00-01-011.200	33	32	32	4	284848	4697977	484
3444H	Nonparticipating	109.00-01-008.000	32	31	31	4	284615	4698188	465
3449H	Nonparticipating	109.13-01-007.000	30	29	29	4	283555	4696802	470
3450H	Nonparticipating	109.13-01-007.000	30	29	29	4	283551	4696821	470
3451H	Nonparticipating	109.13-01-005.000	31	30	30	4	283506	4696794	470
3452H	Nonparticipating	109.13-01-004.000	30	30	30	4	283493	4696790	470
3453H	Nonparticipating	109.13-01-058.000	31	30	30	4	283439	4696731	470
3454H	Nonparticipating	109.13-01-057.000	31	30	30	4	283461	4696739	470
3455H	Nonparticipating	109.13-01-056.000	30	30	30	4	283480	4696744	469
3456H	Nonparticipating	109.13-01-055.000	31	30	30	4	283521	4696754	469
3457H	Nonparticipating	109.13-01-054.000	30	29	29	4	283539	4696757	469
3458H	Nonparticipating	109.13-01-053.000	30	30	30	4	283566	4696766	469
3459H	Nonparticipating	109.13-01-052.000	30	29	29	4	283588	4696767	469
3460H	Nonparticipating	109.13-01-054.000	30	30	30	4	283531	4696728	469
3462H	Nonparticipating	122.00-03-015.000	24	23	23	4	282704	4695472	424
3463H	Nonparticipating	122.00-03-015.000	24	23	23	4	282710	4695491	425
3464H	Nonparticipating	122.00-03-015.000	24	23	23	4	282708	4695507	425
3466H	Nonparticipating	122.00-03-013.500	24	24	24	4	282562	4695162	429
3467H	Nonparticipating	122.00-03-013.200	24	24	24	4	282772	4694994	460



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3468H	Nonparticipating	122.00-03-013.200	25	24	24	4	282753	4695014	458
3469H	Nonparticipating	122.00-03-013.600	24	24	24	4	282899	4695197	453
3470H	Nonparticipating	122.00-03-013.600	24	23	23	4	282905	4695181	455
3471H	Nonparticipating	122.00-03-013.500	24	24	24	4	282577	4695151	431
3473H	Nonparticipating	122.00-03-013.132	25	24	24	4	282964	4695003	473
3474H	Nonparticipating	122.00-03-013.132	25	24	24	4	282982	4695008	473
3475H	Nonparticipating	123.00-01-001.200	25	25	25	4	283094	4695145	489
3476H	Nonparticipating	123.00-01-044.000	25	25	25	4	283061	4695021	473
3477H	Nonparticipating	123.00-01-044.000	25	25	25	4	283049	4695023	473
3478H	Nonparticipating	122.00-03-013.300	25	24	24	4	282980	4695096	476
3481HH	Nonparticipating	123.00-01-035.311	29	28	28	4	283806	4695208	536
3482HH	Nonparticipating	123.00-01-035.311	30	29	29	4	283812	4695221	538
3483HH	Nonparticipating	123.00-01-034.000	33	32	32	4	283851	4695278	540
3484HH	Nonparticipating	123.00-01-003.000	33	32	32	4	283932	4695380	540
3485HH	Nonparticipating	123.00-01-003.000	34	33	33	4	283981	4695367	540
3487HH	Nonparticipating	123.00-01-004.000	39	38	38	4	285198	4695312	565
3488HH	Nonparticipating	123.00-01-039.000	38	36	36	4	285041	4695263	563
3494HH	Nonparticipating	123.00-01-036.100	32	31	31	4	284458	4695105	530
3495HH	Nonparticipating	123.00-01-002.200	26	25	25	4	283651	4695267	524
3496H	Nonparticipating	123.00-01-035.200	26	25	25	4	283736	4695067	513
3499H	Nonparticipating	123.00-01-029.121	26	25	25	4	283628	4694926	489
3500H	Nonparticipating	123.00-01-035.120	26	25	25	4	283745	4694867	494
3501H	Nonparticipating	123.00-01-035.320	27	26	26	4	283744	4694960	503
3502H	Nonparticipating	123.00-01-035.330	26	25	25	4	283730	4694820	489
3503H	Nonparticipating	123.00-01-035.112	26	25	25	4	283702	4694715	474
3505H	Nonparticipating	123.00-01-029.122	26	25	25	4	283661	4695020	501
3506H	Nonparticipating	123.00-01-029.400	25	24	24	4	283644	4694627	460
3508H	Nonparticipating	123.00-01-045.000	25	24	24	4	283295	4695025	471
3509H	Nonparticipating	123.00-01-029.200	25	24	24	4	283386	4694830	458
3510H	Nonparticipating	123.00-01-029.111	25	24	24	4	283550	4694638	458
3511H	Nonparticipating	122.00-03-020.112	24	23	23	4	282607	4694239	402
3512H	Nonparticipating	122.00-03-020.300	24	23	23	4	282802	4694253	403
3513H	Nonparticipating	122.00-03-017.000	24	23	24	4	282860	4694259	406

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3514H	Nonparticipating	122.00-03-017.000	24	24	24	4	282895	4694261	406
3515H	Nonparticipating	122.00-03-020.400	24	24	24	4	282940	4694252	406
3516H	Nonparticipating	122.00-03-020.400	24	24	24	4	282981	4694277	406
3517H	Nonparticipating	123.00-01-042.000	25	24	24	4	283029	4694250	406
3518H	Nonparticipating	123.00-01-033.000	25	24	24	4	283081	4694242	406
3519H	Nonparticipating	122.00-03-016.000	24	24	24	4	282854	4694418	407
3520H	Nonparticipating	122.00-03-057.200	24	24	24	4	282969	4694387	407
3521H	Nonparticipating	123.00-01-029.113	24	23	23	4	283148	4694405	411
3522H	Nonparticipating	123.00-01-029.113	24	23	23	4	283130	4694357	407
3523H	Nonparticipating	123.00-01-029.113	24	23	23	4	283078	4694395	408
3524H	Nonparticipating	122.00-03-057.200	24	24	24	4	282930	4694393	406
3525H	Nonparticipating	123.00-01-032.000	25	24	24	4	283110	4694250	406
3528H	Nonparticipating	123.00-01-049.000	25	25	25	4	283379	4694211	412
3529H	Nonparticipating	123.00-01-026.200	27	26	26	4	283511	4694055	412
3530H	Nonparticipating	123.00-01-028.000	26	25	25	4	283431	4694139	409
3531H	Nonparticipating	123.00-01-028.000	26	25	25	4	283412	4694135	409
3532H	Nonparticipating	123.00-01-026.200	27	26	26	4	283455	4693903	415
3533H	Nonparticipating	123.00-01-026.200	27	26	26	4	283501	4693904	416
3534H	Nonparticipating	123.00-01-026.200	27	26	26	4	283528	4693891	416
3535R	Nonparticipating	122.00-03-020.510	27	26	26	4	282594	4693769	478
3536H	Nonparticipating	123.00-01-026.110	27	27	27	4	283729	4694075	416
3537H	Nonparticipating	123.00-01-026.110	27	26	26	4	283685	4694083	414
3538H	Nonparticipating	123.00-01-025.000	29	28	28	4	284060	4693777	419
3539H	Nonparticipating	123.00-01-025.000	29	28	28	4	284080	4693763	419
3540H	Nonparticipating	123.00-01-024.000	29	28	28	4	284212	4693691	419
3541H	Nonparticipating	123.00-01-023.000	29	28	28	4	284246	4693684	419
3543H	Nonparticipating	137.00-02-001.120	31	30	30	4	284594	4693650	419
3544H	Nonparticipating	123.00-01-036.200	31	30	30	4	284596	4693708	422
3545H	Nonparticipating	123.00-01-022.100	30	29	29	4	284332	4693743	419
3555H	Nonparticipating	123.00-01-022.100	30	29	29	4	284364	4693741	420
3556H	Nonparticipating	123.00-01-019.220	31	31	31	4	285093	4693675	425
3559H	Nonparticipating	137.00-02-003.200	32	31	31	4	285078	4693463	431
3560H	Nonparticipating	137.00-02-003.200	32	31	31	4	285065	4693491	430
3561H	Nonparticipating	123.00-01-018.200	33	33	33	4	285443	4693698	434





Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3562H	Nonparticipating	137.00-02-007.000	33	32	32	4	285428	4693584	427
3563H	Nonparticipating	137.00-02-008.000	33	33	33	4	285570	4693564	431
3564H	Nonparticipating	123.00-01-019.100	33	32	32	4	285212	4693803	440
3565H	Nonparticipating	123.00-01-019.100	32	31	31	4	285218	4693819	442
3566H	Nonparticipating	123.00-01-018.100	33	33	33	4	285304	4693745	434
3568H	Nonparticipating	123.00-01-017.200	34	34	34	4	285458	4693817	446
3571H	Nonparticipating	123.00-01-018.200	34	33	33	4	285468	4693715	436
3572H	Nonparticipating	137.00-02-006.000	33	33	33	4	285489	4693566	429
3575H	Nonparticipating	123.00-01-015.200	35	35	35	4	285834	4693635	431
3576H	Nonparticipating	137.00-02-010.000	34	33	33	4	285675	4693570	431
3577H	Nonparticipating	137.00-02-009.200	33	33	33	4	285611	4693562	432
3578H	Nonparticipating	137.00-02-009.100	33	33	33	4	285645	4693570	432
3580H	Nonparticipating	137.00-02-005.200	32	32	32	4	285439	4693317	456
3581H	Nonparticipating	137.00-02-005.100	33	32	32	4	285460	4693266	464
3582H	Nonparticipating	137.00-02-005.100	33	32	32	4	285458	4693252	466
3584H	Nonparticipating	137.00-02-004.000	31	30	30	4	285410	4693009	485
3585R	Nonparticipating	137.00-02-021.000	26	25	25	4	285224	4692708	458
3586R	Nonparticipating	137.00-02-021.000	27	26	26	4	285234	4692733	461
3587R	Nonparticipating	137.00-02-020.000	28	27	27	4	285206	4692814	457
3588R	Nonparticipating	137.00-02-018.000	26	25	25	4	285200	4692500	456
3589R	Nonparticipating	137.00-02-022.000	28	27	27	4	285102	4692481	451
3590R	Nonparticipating	137.00-02-025.000	28	27	27	4	285201	4692411	462
3593R	Nonparticipating	136.00-02-018.120	21	20	20	4	282530	4693361	464
3594D	Nonparticipating	137.00-01-014.000	28	27	27	4	283609	4692236	557
3595D	Nonparticipating	137.00-01-014.000	28	27	27	4	283566	4692238	556
3596D	Nonparticipating	137.00-01-014.000	28	27	27	4	283528	4692251	555
3598D	Nonparticipating	137.00-01-011.200	27	26	26	4	284031	4691545	572
3599D	Nonparticipating	137.00-01-011.111	27	26	26	4	283926	4691541	581
3600W	Nonparticipating	137.00-01-011.111	27	26	26	4	283671	4691605	601
3604R	Nonparticipating	137.00-01-005.200	23	22	22	4	285418	4691918	477
3605R	Nonparticipating	137.00-01-005.200	23	22	22	4	285382	4691898	474
3606R	Nonparticipating	137.00-02-017.000	25	24	24	4	285276	4692053	473
3611R	Nonparticipating	137.00-02-023.100	24	24	24	4	285397	4692098	478

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3612H	Nonparticipating	137.00-02-016.000	28	27	27	4	285688	4692337	530
3614H	Nonparticipating	137.00-02-015.000	31	30	30	4	286105	4692053	558
3616R	Nonparticipating	153.00-01-001.100	22	22	22	4	285870	4691599	491
3617R	Nonparticipating	153.00-01-001.200	22	21	21	4	285725	4691551	480
3621B	Nonparticipating	153.00-01-041.000	21	20	20	4	287709	4690945	559
3622B	Nonparticipating	153.00-01-041.000	21	20	20	4	287696	4690859	553
3623B	Nonparticipating	153.00-01-006.000	21	21	21	4	287704	4691114	568
3624B	Nonparticipating	153.00-01-006.000	21	21	21	4	287707	4691144	570
3625B	Nonparticipating	153.00-01-006.000	21	21	21	4	287741	4691147	573
3626B	Nonparticipating	153.00-01-006.000	21	21	21	4	287731	4691148	572
3640D	Nonparticipating	043.00-01-003.000	26	26	43	4	295714	4710018	431
3651D	Nonparticipating	043.00-01-030.120	27	26	42	4	295596	4709780	427
3652D	Nonparticipating	043.00-01-030.130	27	27	42	4	295577	4709686	421
3653D	Nonparticipating	043.00-01-030.200	28	27	42	4	295552	4709616	421
3657D	Nonparticipating	043.00-01-052.000	27	27	42	4	295729	4709857	418
3666H	Nonparticipating	042.00-01-017.200	38	38	41	4	293416	4709728	425
3667H	Nonparticipating	042.00-01-037.000	37	37	41	4	293400	4709780	427
3668H	Nonparticipating	042.00-01-041.000	44	44	44	4	292730	4709631	478
3670H	Nonparticipating	042.00-01-045.000	44	44	44	4	292834	4709551	469
3687H	Nonparticipating	042.16-01-029.000	38	38	41	4	293622	4709275	417
3688D	Nonparticipating	043.00-01-026.000	28	28	42	4	295584	4709570	414
3689D	Nonparticipating	043.00-01-027.000	29	29	42	4	295565	4709516	413
3702B	Nonparticipating	043.00-01-038.100	28	28	39	4	296004	4709305	398
3706H	Nonparticipating	043.00-01-042.000	28	27	39	4	296279	4709427	397
3707H	Nonparticipating	043.00-01-043.000	27	27	38	4	296347	4709484	396
3708H	Nonparticipating	043.00-01-044.000	27	27	38	4	296393	4709529	396
3709H	Nonparticipating	043.00-01-036.200	29	28	37	4	296601	4709011	487
3714H	Nonparticipating	043.00-01-025.200	29	29	39	4	295750	4709201	397
3715H	Nonparticipating	043.00-01-024.000	30	29	39	4	295640	4709126	396
3716H	Nonparticipating	043.00-01-054.000	29	29	39	4	295607	4709068	394
3717H	Nonparticipating	043.13-01-006.000	30	29	39	4	295567	4709054	394
3718H	Nonparticipating	043.13-01-019.000	30	30	39	4	295480	4709082	395
3726H	Nonparticipating	042.16-01-024.000	38	38	40	4	293699	4709092	415
3727H	Nonparticipating	042.16-01-022.000	38	38	40	4	293672	4709021	417



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3728H	Nonparticipating	042.16-01-007.000	38	37	40	4	293790	4709043	413
3729H	Nonparticipating	042.16-01-006.000	38	37	40	4	293781	4709064	413
3730H	Nonparticipating	042.16-01-005.000	38	38	40	4	293752	4709113	413
3731H	Nonparticipating	042.16-01-028.000	38	38	40	4	293633	4709230	416
3732H	Nonparticipating	042.16-01-027.000	38	38	40	4	293659	4709196	416
3742H	Nonparticipating	042.16-01-014.200	37	37	38	4	293882	4708862	411
3743H	Nonparticipating	042.16-01-013.000	37	37	38	4	293891	4708825	411
3744H	Nonparticipating	042.16-01-012.000	37	37	38	4	293898	4708810	409
3745H	Nonparticipating	042.20-01-003.000	37	37	38	4	293919	4708780	408
3746H	Nonparticipating	042.20-01-004.000	37	37	38	4	293936	4708731	409
3747H	Nonparticipating	042.20-01-005.000	37	36	38	4	293948	4708710	408
3748H	Nonparticipating	042.20-01-006.000	37	36	38	4	293954	4708693	408
3749H	Nonparticipating	042.20-01-007.000	37	36	38	4	293962	4708679	408
3750H	Nonparticipating	042.20-01-054.000	37	37	38	4	293913	4708674	409
3751H	Nonparticipating	042.20-01-055.000	37	37	38	4	293895	4708697	410
3752H	Nonparticipating	042.20-01-056.000	37	37	38	4	293889	4708715	410
3753H	Nonparticipating	042.20-01-057.000	37	37	38	4	293881	4708734	411
3754H	Nonparticipating	042.16-01-015.000	37	37	39	4	293835	4708836	413
3755H	Nonparticipating	042.16-01-015.000	37	37	39	4	293816	4708816	414
3758H	Nonparticipating	042.16-01-017.200	38	37	40	4	293799	4708899	415
3769H	Nonparticipating	042.20-01-053.000	37	37	38	4	293923	4708647	409
3772H	Nonparticipating	043.13-01-013.000	33	32	38	4	294979	4708795	396
3773H	Nonparticipating	043.13-01-012.200	32	32	38	4	295032	4708810	396
3774H	Nonparticipating	043.13-01-012.100	32	32	38	4	295055	4708820	396
3781H	Nonparticipating	043.17-01-090.000	33	33	38	4	294861	4708736	398
3793H	Nonparticipating	043.17-02-002.000	32	32	38	4	295241	4708725	412
3794H	Nonparticipating	043.17-01-012.000	32	32	38	4	295179	4708712	408
3795H	Nonparticipating	043.17-02-003.000	32	32	38	4	295231	4708691	411
3796H	Nonparticipating	043.17-02-004.000	32	32	38	4	295224	4708668	411
3797H	Nonparticipating	043.17-02-005.000	32	32	38	4	295224	4708648	411
3798H	Nonparticipating	043.17-01-013.000	33	32	38	4	295176	4708666	409
3799H	Nonparticipating	043.17-01-014.000	33	32	38	4	295167	4708632	409
3800H	Nonparticipating	043.17-01-017.000	33	32	38	4	295103	4708626	407

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3801H	Nonparticipating	043.17-02-006.000	33	32	38	4	295215	4708626	411
3802W	Nonparticipating	043.00-01-021.000	31	30	36	4	296179	4708433	491
3804H	Nonparticipating	043.00-01-023.120	31	31	37	4	295709	4708526	457
3805H	Nonparticipating	043.17-02-017.112	32	32	38	4	295361	4708527	416
3806H	Nonparticipating	043.17-02-010.000	32	32	38	4	295353	4708572	415
3807H	Nonparticipating	043.17-02-009.000	32	32	38	4	295304	4708582	414
3808H	Nonparticipating	043.17-02-015.200	32	32	38	4	295295	4708541	414
3809H	Nonparticipating	043.17-02-016.000	32	32	38	4	295311	4708538	414
3810H	Nonparticipating	043.17-02-017.113	32	32	38	4	295398	4708523	417
3811H	Nonparticipating	043.17-02-017.120	32	32	37	4	295405	4708363	416
3812H	Nonparticipating	043.17-02-017.200	32	31	37	4	295508	4708385	422
3813H	Nonparticipating	056.05-02-037.000	32	32	37	4	295375	4708316	412
3814H	Nonparticipating	056.05-02-036.000	32	32	37	4	295358	4708318	412
3815H	Nonparticipating	056.05-02-035.000	33	32	37	4	295307	4708326	410
3816H	Nonparticipating	056.05-02-033.000	33	32	37	4	295232	4708329	407
3817H	Nonparticipating	043.17-02-020.000	33	32	37	4	295251	4708371	410
3818H	Nonparticipating	043.17-02-021.000	33	32	37	4	295211	4708365	408
3819H	Nonparticipating	043.17-02-022.000	33	32	37	4	295187	4708368	408
3820H	Nonparticipating	043.17-02-024.000	33	32	37	4	295137	4708369	406
3821H	Nonparticipating	043.17-02-025.000	33	32	37	4	295160	4708387	407
3822H	Nonparticipating	043.17-02-026.000	33	32	37	4	295159	4708404	408
3823H	Nonparticipating	043.17-02-027.000	33	32	37	4	295167	4708425	408
3824H	Nonparticipating	043.17-02-028.000	33	32	37	4	295182	4708456	409
3825H	Nonparticipating	043.17-02-030.100	33	32	38	4	295184	4708487	409
3826H	Nonparticipating	043.17-02-012.000	33	32	38	4	295193	4708528	410
3827H	Nonparticipating	043.17-02-011.200	33	32	38	4	295198	4708552	411
3828H	Nonparticipating	043.17-02-013.000	33	32	38	4	295250	4708543	412
3829H	Nonparticipating	043.17-02-014.000	32	32	38	4	295274	4708541	413
3830H	Nonparticipating	043.17-02-007.000	33	32	38	4	295209	4708595	411
3831H	Nonparticipating	043.17-01-020.120	33	32	38	4	295101	4708572	406
3832H	Nonparticipating	043.17-01-022.000	33	32	38	4	295150	4708542	408
3833H	Nonparticipating	043.17-01-025.000	33	32	37	4	295117	4708451	406
3834H	Nonparticipating	043.17-01-026.000	33	32	37	4	295114	4708427	406
3845H	Nonparticipating	056.05-02-034.100	33	32	37	4	295195	4708278	406

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3846H	Nonparticipating	056.05-02-030.000	33	32	37	4	295174	4708341	406
3847H	Nonparticipating	056.05-02-037.000	32	32	37	4	295372	4708291	412
3848H	Nonparticipating	043.17-02-019.000	32	32	37	4	295342	4708364	413
3849H	Nonparticipating	056.05-02-034.210	33	32	37	4	295262	4708292	406
3850H	Nonparticipating	056.05-02-028.000	33	33	37	4	295121	4708285	406
3851H	Nonparticipating	056.05-02-031.000	33	32	37	4	295200	4708335	407
3860H	Nonparticipating	043.17-01-016.000	33	32	38	4	295159	4708594	409
3861H	Nonparticipating	043.17-01-015.000	33	32	38	4	295157	4708614	409
3862H	Nonparticipating	043.17-01-018.000	33	32	37	4	295071	4708622	406
3863H	Nonparticipating	043.17-01-019.000	33	32	37	4	295047	4708623	406
3864H	Nonparticipating	043.17-01-043.000	33	33	37	4	295001	4708600	406
3865H	Nonparticipating	043.17-01-044.000	33	33	37	4	295001	4708548	406
3866H	Nonparticipating	043.17-01-046.000	33	33	37	4	294997	4708502	406
3867H	Nonparticipating	043.17-01-047.000	33	33	37	4	294999	4708474	406
3868H	Nonparticipating	043.17-01-036.000	33	33	37	4	295034	4708446	406
3869H	Nonparticipating	043.17-01-038.000	33	33	37	4	295041	4708487	406
3870H	Nonparticipating	043.17-01-039.000	33	33	37	4	295045	4708507	406
3871H	Nonparticipating	043.17-01-040.000	33	33	37	4	295045	4708527	406
3872H	Nonparticipating	043.17-01-041.000	33	33	37	4	295049	4708547	406
3873H	Nonparticipating	043.17-01-020.200	33	32	37	4	295056	4708580	406
3874H	Nonparticipating	043.17-01-035.000	33	33	37	4	295028	4708390	406
3875H	Nonparticipating	043.17-01-048.000	33	33	37	4	295001	4708388	405
3876H	Nonparticipating	043.17-01-049.200	33	33	37	4	294978	4708393	405
3877H	Nonparticipating	043.17-01-050.000	33	33	37	4	294949	4708393	405
3878H	Nonparticipating	043.17-01-051.100	34	33	37	4	294893	4708402	404
3879H	Nonparticipating	043.17-01-051.200	34	33	37	4	294879	4708428	405
3880H	Nonparticipating	043.17-01-052.000	34	33	37	4	294853	4708407	405
3881H	Nonparticipating	043.17-01-052.000	34	33	37	4	294820	4708458	406
3882H	Nonparticipating	043.17-01-053.000	34	33	37	4	294798	4708401	405
3883H	Nonparticipating	043.17-01-054.100	34	34	37	4	294770	4708406	405
3884H	Nonparticipating	056.05-02-004.000	34	33	37	4	294944	4708344	404
3885H	Nonparticipating	056.05-02-001.000	34	33	37	4	294905	4708349	403
3886H	Nonparticipating	056.05-03-016.000	34	33	37	4	294863	4708349	403

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3887H	Nonparticipating	056.05-03-015.000	34	33	37	4	294847	4708349	403
3888H	Nonparticipating	056.05-03-014.000	34	33	37	4	294834	4708351	404
3889H	Nonparticipating	056.05-03-013.000	34	33	37	4	294816	4708352	404
3898H	Nonparticipating	056.05-03-010.000	34	34	37	4	294745	4708314	402
3899H	Nonparticipating	056.05-03-017.000	34	33	37	4	294858	4708293	402
3900H	Nonparticipating	056.05-02-065.000	34	33	37	4	294904	4708293	403
3910H	Nonparticipating	043.17-01-059.000	34	34	37	4	294638	4708404	400
3911H	Nonparticipating	043.17-01-058.000	34	34	37	4	294657	4708401	402
3912H	Nonparticipating	043.17-01-057.000	34	34	37	4	294681	4708401	402
3913H	Nonparticipating	043.17-01-056.000	34	34	37	4	294700	4708403	403
3914H	Nonparticipating	056.05-03-006.000	34	34	37	4	294674	4708351	401
3915H	Nonparticipating	056.05-03-003.000	34	34	37	4	294635	4708355	400
3916H	Nonparticipating	056.05-03-002.000	35	34	37	4	294620	4708360	398
3917H	Nonparticipating	056.05-03-001.000	35	34	37	4	294576	4708360	395
3918H	Nonparticipating	043.17-01-076.000	35	34	37	4	294430	4708413	395
3919H	Nonparticipating	043.17-01-070.000	35	34	37	4	294473	4708448	394
3920H	Nonparticipating	056.05-03-007.000	34	34	37	4	294702	4708332	401
3921H	Nonparticipating	056.05-03-004.000	35	34	37	4	294616	4708323	399
3922H	Nonparticipating	056.05-03-005.000	35	34	37	4	294612	4708303	399
3940H	Nonparticipating	043.17-01-087.000	35	34	38	4	294513	4708584	394
3941H	Nonparticipating	042.20-01-019.000	35	35	37	4	294327	4708496	397
3942H	Nonparticipating	042.20-01-018.000	35	35	37	4	294313	4708512	398
3943H	Nonparticipating	042.20-01-017.000	35	35	37	4	294293	4708512	398
3944H	Nonparticipating	042.20-01-016.000	35	35	38	4	294272	4708518	398
3945H	Nonparticipating	042.20-01-015.000	35	35	38	4	294248	4708528	399
3946H	Nonparticipating	042.20-01-014.000	35	35	38	4	294233	4708538	399
3947H	Nonparticipating	042.20-01-013.000	35	35	38	4	294212	4708543	400
3948H	Nonparticipating	042.20-01-012.000	36	35	38	4	294187	4708549	400
3949H	Nonparticipating	042.20-01-011.000	36	35	38	4	294170	4708556	400
3950H	Nonparticipating	042.20-01-009.000	36	35	38	4	294151	4708578	400
3951H	Nonparticipating	042.20-01-024.000	35	35	37	4	294340	4708442	396
3952H	Nonparticipating	042.20-01-026.000	35	35	37	4	294318	4708450	397
3953H	Nonparticipating	042.20-01-027.000	35	35	37	4	294299	4708460	397
3954H	Nonparticipating	042.20-01-028.000	35	35	37	4	294275	4708466	398

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3955H	Nonparticipating	042.20-01-041.000	35	35	37	4	294228	4708478	399
3956H	Nonparticipating	042.20-01-042.100	35	35	38	4	294206	4708489	399
3957H	Nonparticipating	042.20-01-043.000	36	35	38	4	294175	4708488	400
3958H	Nonparticipating	042.20-01-044.000	36	35	38	4	294149	4708429	399
3959H	Nonparticipating	042.20-01-039.000	36	35	37	4	294179	4708414	399
3960H	Nonparticipating	042.20-01-037.000	36	35	37	4	294157	4708386	399
3961H	Nonparticipating	042.20-01-038.000	36	35	37	4	294135	4708395	399
3962H	Nonparticipating	042.20-01-035.000	36	35	37	4	294186	4708357	398
3963H	Nonparticipating	042.20-01-034.000	36	35	37	4	294179	4708339	398
3964H	Nonparticipating	042.20-01-036.000	36	35	37	4	294191	4708377	398
3965H	Nonparticipating	042.20-01-032.000	35	35	37	4	294236	4708359	397
3968H	Nonparticipating	056.05-01-067.000	34	34	37	4	294980	4707931	400
3969H	Nonparticipating	056.05-01-041.000	34	34	37	4	294900	4707874	400
3970H	Nonparticipating	056.05-01-040.000	35	34	37	4	294845	4707873	400
3971H	Nonparticipating	056.05-01-042.000	34	34	37	4	294897	4707846	400
3972H	Nonparticipating	056.05-01-043.000	35	34	37	4	294894	4707807	399
3973H	Nonparticipating	056.05-01-038.000	35	34	37	4	294843	4707807	400
3974H	Nonparticipating	056.05-01-037.000	35	34	37	4	294836	4707779	399
3975H	Nonparticipating	056.05-01-044.000	35	34	37	4	294893	4707774	398
3976H	Nonparticipating	056.05-01-045.000	35	34	37	4	294888	4707732	398
3977H	Nonparticipating	056.05-01-035.000	35	34	37	4	294814	4707697	398
3978H	Nonparticipating	056.05-01-050.000	35	35	37	4	294766	4707695	398
3979H	Nonparticipating	056.05-01-034.000	35	35	37	4	294690	4707697	399
3980H	Nonparticipating	056.09-01-014.000	35	34	36	4	294966	4707610	394
3981H	Nonparticipating	056.09-01-004.000	36	35	37	4	294504	4707656	396
3982H	Nonparticipating	056.09-01-003.000	36	35	37	4	294449	4707666	395
3983H	Nonparticipating	056.05-01-080.000	36	35	37	4	294439	4707719	396
3984H	Nonparticipating	056.05-01-083.000	36	35	37	4	294447	4707860	396
3985H	Nonparticipating	056.05-01-084.200	36	35	37	4	294452	4707928	396
3986H	Nonparticipating	056.05-01-084.100	36	35	37	4	294462	4707894	396
3987H	Nonparticipating	056.05-01-081.000	36	35	37	4	294395	4707820	395
4010H	Nonparticipating	055.00-01-005.100	38	38	38	4	293216	4707980	445
4015HH	Nonparticipating	055.00-01-004.100	40	39	40	4	292734	4707981	456

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
4016HH	Nonparticipating	055.00-01-004.200	40	39	39	4	292777	4707978	457
4017HH	Nonparticipating	055.00-01-004.100	40	39	40	4	292702	4707979	458
4018HH	Nonparticipating	055.00-01-035.000	40	40	40	4	292357	4707880	474
4021HH	Nonparticipating	055.00-01-022.100	39	37	38	4	292664	4707442	451
4025H	Nonparticipating	055.00-01-007.200	38	37	38	4	293512	4707443	434
4031H	Nonparticipating	056.00-01-030.200	33	33	34	4	295696	4706865	400
4032H	Nonparticipating	056.00-01-030.200	34	34	34	4	295649	4706761	399
4033H	Nonparticipating	056.00-01-027.000	34	34	34	4	295585	4706707	396
4034H	Nonparticipating	056.00-01-033.120	34	34	34	4	295680	4706647	396
4035H	Nonparticipating	056.00-01-030.200	34	34	34	4	295603	4706825	399
4036H	Nonparticipating	056.00-01-030.200	34	33	34	4	295611	4706911	407
4043H	Nonparticipating	056.00-01-017.200	33	32	33	4	296035	4706497	399
4044H	Nonparticipating	056.00-01-036.000	34	33	34	4	295846	4706460	398
4048H	Nonparticipating	055.00-01-010.400	42	42	42	4	293615	4706755	425
4049H	Nonparticipating	055.00-01-026.000	42	42	42	4	293344	4706776	440
4050H	Nonparticipating	055.00-01-010.600	41	40	41	4	293445	4706973	433
4051H	Nonparticipating	055.00-01-025.000	42	42	42	4	293415	4706821	434
4052H	Nonparticipating	055.00-01-025.000	42	42	42	4	293400	4706807	436
4053H	Nonparticipating	055.00-01-009.000	42	42	42	4	293372	4706725	435
4054HH	Nonparticipating	055.00-01-027.000	43	42	42	4	293222	4706665	442
4056H	Nonparticipating	055.00-01-028.200	42	41	41	4	293318	4706830	445
4057H	Nonparticipating	055.00-01-028.200	42	41	41	4	293295	4706837	449
4058HH	Nonparticipating	055.00-01-014.210	44	43	43	4	292775	4706326	451
4059H	Nonparticipating	056.00-01-021.000	40	39	40	4	294629	4706241	404
4066H	Nonparticipating	056.00-01-024.220	36	35	36	4	295387	4706274	389
4067H	Nonparticipating	056.00-01-019.000	36	36	36	4	295402	4706191	390
4074H	Nonparticipating	070.00-01-003.00	33	33	33	4	296161	4705918	395
4083HH	Nonparticipating	069.00-01-007.000	45	43	43	4	292794	4705547	510
4084HH	Nonparticipating	069.00-01-025.000	45	42	42	4	292697	4705255	515
4085HH	Nonparticipating	069.00-01-022.200	45	42	42	4	292680	4705343	503
4086H	Nonparticipating	070.00-01-021.000	38	38	38	4	295386	4704945	400
4087H	Nonparticipating	070.00-01-021.000	36	36	36	4	295384	4704918	400
4088H	Nonparticipating	070.00-01-025.00	36	36	36	4	295396	4704824	409
4092H	Nonparticipating	070.00-01-008.000	32	32	33	4	296579	4704596	385



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
4093H	Nonparticipating	070.00-01-006.200	33	33	33	4	296348	4705041	388
4094H	Nonparticipating	070.00-01-008.000	32	32	33	4	296579	4704596	385
4095H	Nonparticipating	070.00-01-008.000	32	32	33	4	296555	4704635	386
4096H	Nonparticipating	070.00-01-010.111	33	33	33	4	296179	4704141	388
4097H	Nonparticipating	070.00-01-010.111	33	32	33	4	296277	4704052	388
4098H	Nonparticipating	070.00-01-010.200	33	33	34	4	296100	4704044	400
4099H	Nonparticipating	070.00-01-011.000	34	34	35	4	295731	4704004	405
4102H	Nonparticipating	070.00-01-026.200	35	35	35	4	295708	4704063	406
4106HH	Nonparticipating	070.00-01-019.200	43	42	43	4	293891	4703778	481
4109HH	Nonparticipating	070.00-01-027.110	33	33	34	4	294819	4703502	428
4114HH	Nonparticipating	070.00-01-015.000	35	34	35	4	294665	4703377	424
4118H	Nonparticipating	098.00-01-014.000	21	21	25	4	296292	4700074	414
4119H	Nonparticipating	098.00-01-038.000	22	22	27	4	295752	4700274	406
4120H	Nonparticipating	098.00-01-038.000	22	22	27	4	295778	4700287	406
4123W	Nonparticipating	098.00-01-037.200	27	26	28	4	295815	4699873	492
4124W	Nonparticipating	098.00-01-037.200	27	26	28	4	295788	4699887	491
4125W	Nonparticipating	098.00-01-015.114	24	24	26	4	296387	4699799	473
4126H	Nonparticipating	098.00-01-015.200	21	20	22	4	296634	4700017	399
4128H	Nonparticipating	028.00-01-044.112	32	31	32	4	290999	4710800	473
4129H	Nonparticipating	028.00-01-044.111	32	32	33	4	291042	4710768	472
4130H	Nonparticipating	028.00-01-044.300	33	32	33	4	291174	4710689	465
4131H	Nonparticipating	042.00-01-002.210	37	36	37	4	291652	4710384	455
4138H	Nonparticipating	042.00-01-007.110	35	34	36	4	292562	4710667	459
4139H	Nonparticipating	042.00-01-008.112	34	34	37	4	293153	4710574	464
4142HH	Nonparticipating	042.00-01-013.000	32	32	40	4	293883	4710560	432
4143HH	Nonparticipating	042.00-01-047.000	30	30	43	4	293793	4710777	438
4152D	Nonparticipating	030.00-01-018.000	23	22	44	4	296013	4710783	422
4156D	Nonparticipating	043.00-01-004.000	24	23	44	4	295841	4710292	430
4160HH	Nonparticipating	042.00-01-014.100	34	33	42	4	293787	4710314	433
4161HH	Nonparticipating	042.00-01-011.200	34	34	42	4	293777	4710255	432
4162HH	Nonparticipating	042.00-01-014.100	33	33	41	4	293801	4710361	429
4164H	Nonparticipating	042.00-01-008.200	36	36	39	4	293028	4710317	439
4165H	Nonparticipating	042.00-01-010.100	36	35	39	4	293109	4710355	443

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
4166H	Nonparticipating	042.00-01-010.100	35	35	39	4	293104	4710397	443
4168H	Nonparticipating	042.00-01-007.220	36	36	38	4	292662	4710431	449
4175H	Nonparticipating	042.00-01-003.000	36	35	37	4	291825	4710231	458
4176H	Nonparticipating	042.00-01-004.120	36	36	37	4	291886	4710210	458
4180H	Nonparticipating	042.00-01-028.100	37	37	38	4	292064	4710121	457
4181H	Nonparticipating	042.00-01-004.200	35	34	37	4	291930	4710115	461
4190H	Nonparticipating	042.00-01-007.120	37	36	39	4	292518	4710167	443
4191H	Nonparticipating	042.00-01-029.121	34	34	37	4	292403	4710047	458
4192H	Nonparticipating	042.00-01-006.200	37	36	38	4	292249	4710159	450
4193H	Nonparticipating	042.00-01-038.200	33	33	38	4	292834	4710134	437
4194H	Nonparticipating	042.00-01-031.000	33	33	37	4	292730	4710090	443
4207H	Nonparticipating	042.00-01-011.114	35	35	41	4	293553	4710121	424
4208H	Nonparticipating	042.00-01-036.000	33	33	39	4	293301	4709951	430
4209H	Nonparticipating	042.00-01-035.000	36	36	41	4	293407	4709948	425
4210HH	Nonparticipating	042.00-01-016.200	35	35	41	4	293725	4710013	424
4223H	Nonparticipating	042.20-01-050.000	36	36	38	4	293991	4708566	407
4224H	Nonparticipating	042.20-01-049.000	36	36	38	4	293982	4708536	407
4225H	Nonparticipating	042.20-01-048.000	36	36	38	4	293974	4708491	407
4226H	Nonparticipating	042.20-01-047.000	36	36	38	4	293970	4708459	407
4227H	Nonparticipating	042.20-01-059.000	36	36	38	4	293962	4708424	407
4229H	Nonparticipating	055.08-01-003.000	36	36	38	4	293914	4708338	409
4230H	Nonparticipating	042.20-01-051.000	37	36	38	4	293943	4708593	408
4240L	Nonparticipating	054.07-01-010.000	36	35	35	4	289242	4708455	527
4241L	Nonparticipating	054.07-01-013.000	32	31	31	4	289311	4708447	528
4242L	Nonparticipating	054.07-01-009.000	36	35	35	4	289228	4708460	527
4249H	Nonparticipating	055.00-01-005.200	40	40	41	4	293282	4708275	475
4251H	Nonparticipating	055.08-01-002.000	36	36	38	4	293833	4708251	411
4252H	Nonparticipating	055.08-01-001.000	35	34	36	4	293798	4708251	412
4253H	Nonparticipating	055.08-01-005.000	36	36	38	4	293904	4708278	409
4254H	Nonparticipating	055.08-01-004.000	36	36	37	4	293902	4708300	409
4261H	Nonparticipating	055.08-01-010.100	36	36	37	4	293920	4708064	406
4262H	Nonparticipating	055.08-01-014.000	36	36	37	4	293862	4708030	406
4268H	Nonparticipating	056.05-03-059.000	35	34	37	4	294529	4708254	396
4269H	Nonparticipating	056.05-03-059.000	35	34	37	4	294562	4708254	398



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
4270H	Nonparticipating	056.05-03-058.000	35	34	37	4	294552	4708214	398
4271H	Nonparticipating	056.05-03-057.000	35	35	37	4	294530	4708158	398
4272H	Nonparticipating	056.05-03-055.000	35	35	37	4	294498	4708095	396
4273H	Nonparticipating	056.05-03-050.000	35	34	37	4	294576	4708110	400
4274H	Nonparticipating	056.05-03-027.200	35	34	37	4	294574	4708147	400
4275H	Nonparticipating	056.05-03-027.100	35	34	37	4	294581	4708167	400
4276H	Nonparticipating	056.05-03-025.000	35	34	37	4	294598	4708238	400
4277H	Nonparticipating	056.05-03-026.000	35	34	37	4	294617	4708228	400
4278H	Nonparticipating	056.05-03-024.000	35	34	37	4	294611	4708277	400
4279H	Nonparticipating	056.05-03-023.000	34	34	37	4	294653	4708274	400
4280H	Nonparticipating	056.05-03-021.000	34	34	37	4	294706	4708267	400
4281H	Nonparticipating	056.05-03-020.100	34	34	37	4	294748	4708265	400
4282H	Nonparticipating	056.05-03-020.200	34	34	37	4	294751	4708294	401
4283H	Nonparticipating	056.05-03-019.000	34	34	37	4	294778	4708263	401
4284H	Nonparticipating	056.05-03-018.200	34	33	37	4	294856	4708267	402
4285H	Nonparticipating	056.05-03-018.100	34	33	37	4	294862	4708251	402
4286H	Nonparticipating	056.05-02-064.000	34	33	37	4	294902	4708266	402
4287H	Nonparticipating	056.05-02-063.000	34	33	37	4	294900	4708239	402
4288H	Nonparticipating	056.05-02-062.000	34	33	36	4	294898	4708222	402
4289H	Nonparticipating	056.05-02-061.000	34	33	36	4	294901	4708196	401
4290H	Nonparticipating	056.05-02-060.000	34	33	36	4	294900	4708183	401
4291H	Nonparticipating	056.05-02-059.000	34	33	36	4	294900	4708142	400
4292H	Nonparticipating	056.05-02-058.000	34	33	36	4	294889	4708090	400
4293H	Nonparticipating	056.05-03-039.000	34	33	37	4	294860	4708218	401
4294H	Nonparticipating	056.05-03-040.000	34	33	36	4	294856	4708195	401
4295H	Nonparticipating	056.05-03-041.000	34	33	36	4	294859	4708171	400
4296H	Nonparticipating	056.05-03-042.000	34	34	36	4	294852	4708156	400
4297H	Nonparticipating	056.05-03-043.000	34	34	36	4	294850	4708136	400
4298H	Nonparticipating	056.05-03-037.000	34	34	37	4	294755	4708122	400
4299H	Nonparticipating	056.05-03-036.000	34	34	37	4	294747	4708160	400
4300H	Nonparticipating	056.05-03-035.000	34	34	37	4	294746	4708182	400
4301H	Nonparticipating	056.05-03-033.000	34	34	37	4	294744	4708220	400
4302H	Nonparticipating	056.05-03-034.000	34	34	37	4	294796	4708222	400

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
4303H	Nonparticipating	056.05-03-038.000	34	34	37	4	294819	4708220	401
4304H	Nonparticipating	056.05-03-048.000	35	34	37	4	294680	4708117	400
4305H	Nonparticipating	056.05-03-031.000	34	34	37	4	294688	4708166	400
4306H	Nonparticipating	056.05-03-030.000	34	34	37	4	294700	4708205	400
4307H	Nonparticipating	056.05-03-028.000	35	34	37	4	294650	4708223	400
4308H	Nonparticipating	056.05-03-049.000	35	34	37	4	294629	4708114	400
4309H	Nonparticipating	056.05-01-052.000	35	34	37	4	294703	4708051	400
4310H	Nonparticipating	056.05-01-053.000	35	34	36	4	294727	4708054	400
4311H	Nonparticipating	056.05-01-054.000	34	34	36	4	294770	4708050	400
4312H	Nonparticipating	056.05-01-055.000	34	34	36	4	294789	4708051	400
4313H	Nonparticipating	056.05-01-056.000	34	34	36	4	294806	4708050	400
4314H	Nonparticipating	056.05-01-057.000	34	34	36	4	294828	4708048	400
4315H	Nonparticipating	056.05-01-059.000	34	34	36	4	294863	4708043	400
4316H	Nonparticipating	056.05-01-060.000	34	34	37	4	294887	4708042	400
4317H	Nonparticipating	056.05-01-061.000	34	34	37	4	294905	4708040	400
4318H	Nonparticipating	056.05-01-062.000	34	34	37	4	294924	4708043	400
4321H	Nonparticipating	056.05-03-051.000	35	35	37	4	294481	4708015	396
4322H	Nonparticipating	056.05-02-012.000	33	33	37	4	295061	4708242	405
4324H	Nonparticipating	056.05-02-014.000	33	33	37	4	295066	4708284	406
4325H	Nonparticipating	056.05-02-013.000	33	33	37	4	295062	4708268	405
4326H	Nonparticipating	056.05-02-039.000	33	33	37	4	295080	4708150	402
4327H	Nonparticipating	056.05-01-063.000	34	33	37	4	294943	4708039	400
4328H	Nonparticipating	056.05-01-064.000	34	33	37	4	294981	4708039	400
4329H	Nonparticipating	056.05-01-065.000	34	33	37	4	294986	4708013	400
4330H	Nonparticipating	056.05-02-054.000	34	33	37	4	295035	4708037	400
4339H	Nonparticipating	056.05-02-053.000	34	33	37	4	295026	4707997	400
4340H	Nonparticipating	056.05-02-052.000	34	33	37	4	295023	4707976	400
4341H	Nonparticipating	056.05-02-051.000	34	33	37	4	295027	4707956	400
4342H	Nonparticipating	056.05-01-048.000	34	33	37	4	294961	4707982	400
4343W	Nonparticipating	056.00-01-039.000	28	28	37	4	295870	4708249	496
4344W	Nonparticipating	056.00-01-031.200	28	28	32	4	296398	4708188	432
4345W	Nonparticipating	056.00-01-007.000	28	27	33	4	296484	4708131	440
4349W	Nonparticipating	056.00-01-008.000	29	29	36	4	296779	4708332	471
4350W	Nonparticipating	056.00-01-006.000	29	29	34	4	296353	4707929	448



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
4351W	Nonparticipating	056.00-01-006.000	28	28	33	4	296284	4707894	437
4352W	Nonparticipating	056.00-01-002.000	29	28	31	4	296039	4707734	419
4353H	Nonparticipating	056.05-02-050.000	34	33	37	4	295026	4707935	400
4354H	Nonparticipating	056.05-02-069.000	34	33	37	4	295030	4707912	400
4355H	Nonparticipating	056.05-02-070.200	34	33	36	4	295065	4707912	400
4356H	Nonparticipating	056.05-02-067.000	34	33	36	4	295067	4707870	400
4357H	Nonparticipating	056.05-02-048.000	34	34	36	4	295032	4707867	400
4358H	Nonparticipating	056.05-02-047.000	34	34	36	4	295024	4707830	400
4359H	Nonparticipating	056.05-02-046.000	34	34	36	4	295020	4707789	399
4360H	Nonparticipating	056.05-02-043.000	34	34	36	4	295022	4707699	395
4361H	Nonparticipating	056.05-02-042.000	34	34	36	4	295016	4707672	395
4362H	Nonparticipating	056.09-01-008.110	34	34	36	4	295022	4707647	395
4363H	Nonparticipating	056.09-01-008.200	35	34	36	4	295013	4707625	394
4364H	Nonparticipating	056.09-01-008.120	34	34	36	4	295048	4707588	394
4365H	Nonparticipating	056.09-01-010.000	35	34	36	4	295055	4707535	394
4366H	Nonparticipating	056.09-01-007.000	35	34	36	4	294968	4707642	395
4367H	Nonparticipating	056.09-01-006.000	35	34	36	4	294922	4707642	396
4368H	Nonparticipating	056.09-01-005.000	35	34	36	4	294888	4707642	396
4369H	Nonparticipating	056.05-01-046.000	35	34	37	4	294884	4707689	397
4370H	Nonparticipating	056.05-01-077.000	35	34	36	4	294925	4707682	396
4371H	Nonparticipating	056.05-01-076.000	35	34	36	4	294971	4707681	396
4372H	Nonparticipating	056.05-01-075.000	34	34	36	4	294971	4707705	396
4373H	Nonparticipating	056.05-01-074.000	34	34	36	4	294973	4707731	397
4374H	Nonparticipating	056.05-01-072.000	34	34	36	4	294976	4707783	398
4375H	Nonparticipating	056.05-01-049.000	34	34	36	4	294979	4707816	399
4376H	Nonparticipating	056.05-01-070.000	34	34	37	4	294977	4707867	400
4377H	Nonparticipating	056.05-01-069.000	34	34	37	4	294976	4707889	400
4378H	Nonparticipating	056.05-01-068.000	34	34	37	4	294976	4707909	400
4379H	Nonparticipating	056.05-01-067.000	34	34	37	4	294980	4707931	400
4383R	Nonparticipating	084.00-01-033.000	29	29	30	4	295842	4702613	510
4384R	Nonparticipating	084.00-01-033.000	31	30	31	4	295831	4702634	511
4385R	Nonparticipating	084.00-01-035.000	32	31	32	4	295747	4702522	524
4386R	Nonparticipating	084.00-01-044.000	32	31	32	4	295893	4702875	470

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
4387W	Nonparticipating	070.00-01-039.000	28	28	29	4	295504	4702829	463
4388W	Nonparticipating	070.00-01-031.000	29	28	30	4	295244	4702794	483
4395W	Nonparticipating	084.00-01-012.000	32	31	33	4	295349	4701892	553
4396W	Nonparticipating	084.00-01-012.000	32	31	34	4	295303	4701886	553
4397D	Nonparticipating	083.00-02-003.200	32	31	35	4	294277	4701907	492
4398D	Nonparticipating	083.00-02-003.200	32	31	35	4	294245	4701968	489
4405B	Nonparticipating	083.00-01-032.000	34	33	58	4	292323	4701971	620
4407W	Nonparticipating	083.00-02-006.000	31	30	41	4	293231	4701369	559
4408W	Nonparticipating	083.00-02-006.000	31	31	41	4	293201	4701385	559
4410D	Nonparticipating	083.00-02-005.120	27	27	32	4	294767	4701335	517
4411D	Nonparticipating	083.00-02-005.120	28	27	32	4	294741	4701325	515
4412D	Nonparticipating	083.00-02-005.200	30	29	33	4	294597	4701352	504
4413D	Nonparticipating	083.00-02-005.200	30	29	33	4	294593	4701289	501
4418B	Nonparticipating	098.00-01-011.000	23	23	25	4	296158	4701190	524
4421D	Nonparticipating	098.00-01-005.220	26	25	29	4	294361	4700978	462
4423H	Nonparticipating	098.00-01-003.110	25	25	29	4	293835	4700668	425
4424H	Nonparticipating	098.00-01-003.110	26	25	29	4	293870	4700599	438
4425B	Nonparticipating	098.00-01-004.110	25	24	28	4	294014	4700589	424
4426B	Nonparticipating	098.00-01-004.200	25	25	29	4	293988	4700533	421
4432H	Nonparticipating	098.00-01-005.213	25	24	28	4	294421	4700688	426
4436B	Nonparticipating	098.00-01-007.200	24	23	28	4	295223	4700680	429
4442B	Nonparticipating	098.00-01-008.000	24	23	28	4	295585	4700506	411
4444H	Nonparticipating	098.00-01-010.210	22	22	27	4	295883	4700303	404
4445H	Nonparticipating	098.00-01-010.100	22	21	26	4	295998	4700095	428
4446H	Nonparticipating	098.00-01-010.100	22	21	26	4	296216	4700083	416
4447D	Nonparticipating	053.00-01-043.200	27	26	26	4	285075	4706008	625
4448W	Nonparticipating	069.00-01-011.200	46	43	44	4	293558	4704503	566
4449H	Nonparticipating	110.00-01-009.200	52	45	45	4	288828	4697356	597
4450HH	Nonparticipating	041.00-02-015.000	42	40	40	4	289876	4709010	596
4453W	Nonparticipating	053.00-01-014.000	29	28	29	4	285251	4707337	650
4454D	Nonparticipating	053.00-01-040.000	30	29	29	4	285846	4706142	655
4456H	Nonparticipating	053.00-01-018.410	30	30	30	4	287108	4706644	574
4457H	Nonparticipating	053.00-01-021.111	28	27	28	4	287174	4706506	558
4458H	Nonparticipating	053.00-01-021.300	29	28	29	4	287194	4706596	560

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
4459H	Nonparticipating	053.00-01-021.200	28	27	28	4	287124	4706430	559
4460D	Nonparticipating	053.00-01-030.000	31	30	31	4	286721	4706100	596
4462H	Nonparticipating	055.00-01-028.120	40	39	40	4	293407	4707060	443
4463H	Nonparticipating	055.00-01-037.000	42	41	42	4	293424	4706868	434
4465D	Nonparticipating	068.00-01-010.400	39	37	37	4	289662	4705316	532
4468HH	Nonparticipating	055.00-01-014.110	45	43	43	4	292756	4705897	478
4470W	Nonparticipating	069.00-01-013.000	47	43	44	4	293435	4704541	580
4472H	Nonparticipating	070.00-01-023.000	32	31	32	4	295409	4704739	413
4473HH	Nonparticipating	069.00-01-016.000	44	42	42	4	292220	4704299	585
4475HH	Nonparticipating	070.00-01-027.120	34	34	34	4	295112	4703843	449
4476D	Nonparticipating	081.00-01-015.220	41	39	39	4	285695	4701707	622
4480D	Nonparticipating	083.00-01-015.117	35	35	41	4	291045	4701683	541
4481W	Nonparticipating	083.00-01-015.116	39	39	44	4	291356	4701604	516
4483H	Nonparticipating	096.00-01-017.000	42	40	40	4	289379	4700419	487
4490H	Nonparticipating	096.02-01-006.000	44	42	42	4	288902	4700024	495
4492D	Nonparticipating	097.00-03-002.100	29	28	33	4	291608	4700716	470
4494D	Nonparticipating	095.00-01-018.112	42	42	42	4	286402	4699466	537
4499H	Nonparticipating	096.00-01-058.200	39	37	37	4	289684	4698551	562
4501H	Nonparticipating	096.00-01-054.110	39	37	38	4	289600	4698713	559
4503D	Nonparticipating	098.00-01-043.200	25	24	31	4	293173	4699587	487
4504H	Nonparticipating	109.00-01-066.112	40	39	39	4	285744	4697510	556
4506D	Nonparticipating	096.00-01-057.000	44	41	41	4	288576	4698346	539
4507D	Nonparticipating	097.00-01-021.000	28	27	28	4	291461	4697844	543
4509D	Nonparticipating	111.00-02-007.200	22	21	23	4	294379	4698103	514
4510H	Nonparticipating	111.00-02-006.100	21	21	22	4	294296	4697347	486
4518H	Nonparticipating	111.00-01-015.200	23	22	24	4	293948	4695974	510
4520H	Nonparticipating	125.00-01-009.100	23	22	23	4	293487	4694433	538
4521H	Nonparticipating	125.00-01-011.212	24	23	24	4	293469	4694267	540
4524H	Nonparticipating	125.00-01-010.110	22	21	22	4	293560	4694198	539
4525H	Nonparticipating	125.00-01-010.200	23	22	23	4	293612	4694436	534
4527H	Nonparticipating	125.00-01-009.200	23	22	22	4	293559	4694616	534
Maximum			52	45	58				
Minimum			14	13	14				

Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
Average			32	31	33				
<b>Participating</b>									
334D	Participating	053.00-01-041.100	29	28	28	4	285155	4705925	626
426D	Participating	082.00-01-005.120	46	44	44	4	289943	4703617	553
549H	Participating	096.00-01-004.100	45	44	44	4	287529	4700556	552
575D	Participating	095.00-01-019.113	46	45	45	4	286588	4699777	573
578H	Participating	095.00-01-017.110	44	44	44	4	286477	4700403	558
583H	Participating	095.00-01-017.110	45	45	45	4	286541	4700158	552
590H	Participating	096.00-01-008.112	46	44	44	4	288196	4700364	516
607H	Participating	096.00-01-044.100	45	44	44	4	288367	4699134	547
609B	Participating	096.00-01-042.000	46	45	45	4	288254	4699120	552
633H	Participating	082.00-03-001.100	43	41	41	4	288398	4703201	520
649H	Participating	082.00-03-002.000	43	41	41	4	288414	4703092	518
670D	Participating	082.00-01-015.000	43	41	42	4	290414	4702906	595
778W	Participating	083.00-01-005.000	41	40	41	4	293021	4703023	492
888B	Participating	055.00-01-019.200	43	43	43	4	291195	4707638	517
903HH	Participating	055.00-01-034.000	40	39	40	4	292182	4707822	475
907W	Participating	055.00-01-018.000	45	43	43	4	291770	4707027	485
916L	Participating	054.00-01-017.100	38	37	37	4	289440	4706903	528
969B	Participating	068.00-01-010.220	41	40	40	4	289527	4705900	540
979HH	Participating	069.00-01-005.000	45	42	42	4	292575	4705098	521
2371D	Participating	097.00-01-011.111	26	25	28	4	292682	4699596	485
<b>2468D</b>	<b>Participating</b>	<b>097.00-01-024.000</b>	<b>33</b>	<b>32</b>	<b>32</b>	<b>4</b>	<b>291358</b>	<b>4698744</b>	<b>594</b>
2481B	Participating	111.00-02-001.000	24	23	25	4	293179	4698428	530
2575B	Participating	111.00-01-007.000	26	25	25	4	292974	4697543	512
2581B	Participating	111.00-01-006.100	25	24	25	4	292346	4697612	524
2616D	Participating	110.00-01-007.211	46	42	42	4	288545	4697950	570
2651H	Participating	110.00-01-009.100	45	43	43	4	289322	4697304	599
<b>2665D</b>	<b>Participating</b>	<b>111.00-01-019.110</b>	<b>30</b>	<b>29</b>	<b>29</b>	<b>4</b>	<b>291845</b>	<b>4697065</b>	<b>579</b>
2668D	Participating	111.00-01-019.210	25	24	25	4	292127	4696948	557
2689R	Participating	111.00-01-021.123	33	32	32	4	291007	4696255	577
2800HH	Participating	124.00-01-003.120	48	45	45	4	287547	4695962	589
2835R	Participating	124.00-01-002.000	44	43	43	4	287972	4694714	555
2836R	Participating	124.00-01-002.000	43	42	42	4	287964	4694661	550



Receptor ID	Status	Parcel ID	Modeled Sound Pressure Level (dBA)			Relative Height (m)	Coordinates (UTM NAD83 Z 18N)		
			Unmitigated	Mitigated	with Cohocton (mitigated Baron)		X (m)	Y (m)	Z (m)
Metric			Leq	Leq	Leq				
Period/Duration			1-hour	1-hour	1-hour				
Requirement			Article 10 Ex. 19 e, d/Town Ords.	Article 10 Ex. 19 e, d/Town Ords.	Article 19 Ex. 19 d(5)				
3072H	Participating	123.00-01-012.000	36	36	36	4	286080	4693693	439
3081H	Participating	123.00-01-012.000	36	36	36	4	286110	4693705	441
4107HH	Participating	070.00-01-019.120	36	35	36	4	294170	4703482	443
4108HH	Participating	070.00-01-019.110	38	38	38	4	294299	4703243	458
4110HH	Participating	070.00-01-019.130	35	34	35	4	294569	4703405	434
4246HH	Participating	042.00-01-022.100	40	40	40	4	292704	4708025	453
4394B	Participating	083.00-02-003.100	32	32	34	4	294105	4702201	464
4409D	Participating	083.00-02-004.100	29	29	32	4	294246	4701610	494
4464HH	Participating	055.00-01-013.000	43	42	42	4	293094	4706695	448
4471W	Participating	069.00-01-009.000	47	44	45	4	293694	4704578	574
4478B	Participating	082.00-03-016.111	45	44	44	4	289611	4702931	608
4493W	Participating	083.00-01-014.210	31	30	48	4	291937	4701460	574
4495D	Participating	095.00-01-018.120	42	42	42	4	286377	4699317	531
Maximum			48	45	48				
Minimum			24	23	25				
Average			39	38	39				

**TABLE 32: 1/1 OCTAVE BAND SOUND PROPAGATION MODELING RESULTS – MITIGATED  
MAXIMUM 1-HOUR L<sub>EQ</sub> (ARTICLE 10/STIPULATION 19(D) AND STIPULATION 19(E)(1))**

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
<b>Property Line</b>														
Fremont1R	Property Line	67	63	55	49	45	45	40	26	0	1.5	288065	4696804	590
Dansville1D	Property Line	67	63	55	49	45	45	41	27	0	1.5	286760	4702309	607
Cohocton2D	Property Line	67	63	55	49	44	44	40	26	0	1.5	290802	4703420	629
Cohocton1D	Property Line	66	63	55	48	44	43	39	25	0	1.5	291541	4705012	650
Wayland1W	Property Line	66	62	53	46	44	44	37	19	0	1.5	290959	4705957	593
Cohocton4W	Property Line	66	62	54	48	44	44	40	27	0	1.5	293093	4703800	544
Fremont2R	Property Line	65	61	53	45	43	44	38	25	0	1.5	285897	4696057	582
Wayland2D	Property Line	64	60	51	45	41	40	34	17	0	1.5	290558	4703370	619
Cohocton5D	Property Line	64	60	51	45	41	41	34	15	0	1.5	290685	4705180	635
Cohocton3W	Property Line	63	60	52	45	39	39	34	22	0	1.5	293002	4704497	589
Maximum		67	63	55	49	45	45	41	27	0				
Minimum		63	60	51	45	39	39	34	15	0				
Average		65	62	53	47	43	43	38	23	0				
<b>Nonparticipating</b>														
1HH	Nonparticipating	39	34	25	14	0	0	0	0	0	4	281224	4711662	343
2HH	Nonparticipating	39	34	26	14	0	0	0	0	0	4	281273	4711681	339
3HH	Nonparticipating	40	35	26	14	1	0	0	0	0	4	281440	4711443	356
4HH	Nonparticipating	40	35	26	15	1	0	0	0	0	4	281731	4711582	382
10H	Nonparticipating	40	35	26	15	2	0	0	0	0	4	282273	4711898	393
17H	Nonparticipating	40	35	27	16	3	0	0	0	0	4	282907	4711978	416
22H	Nonparticipating	40	36	27	16	4	0	0	0	0	4	282842	4711780	430
23H	Nonparticipating	40	35	27	16	3	0	0	0	0	4	282812	4711819	419
24H	Nonparticipating	40	35	27	16	3	0	0	0	0	4	282812	4711839	417
25HH	Nonparticipating	40	36	27	16	4	0	0	0	0	4	282809	4711528	446
31HH	Nonparticipating	41	36	27	17	5	0	0	0	0	4	283255	4711674	462
36HH	Nonparticipating	41	36	27	17	5	0	0	0	0	4	283409	4711775	447
37HH	Nonparticipating	41	36	28	17	5	0	0	0	0	4	283650	4711911	455
38HH	Nonparticipating	41	36	28	17	5	0	0	0	0	4	283753	4711986	455
39HH	Nonparticipating	41	36	27	17	5	0	0	0	0	4	283659	4712030	448
40HH	Nonparticipating	41	36	28	17	5	0	0	0	0	4	283824	4712012	457
41HH	Nonparticipating	41	36	28	17	5	0	0	0	0	4	283884	4712031	457
42HH	Nonparticipating	41	36	28	17	6	0	0	0	0	4	283923	4712035	459
43HH	Nonparticipating	41	36	28	17	6	0	0	0	0	4	283966	4712045	457
44HH	Nonparticipating	41	36	28	17	5	0	0	0	0	4	283789	4711864	474
45HH	Nonparticipating	41	36	28	18	6	0	0	0	0	4	283906	4711658	503



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
46HH	Nonparticipating	41	36	28	18	6	0	0	0	0	4	283874	4711524	509
47HH	Nonparticipating	41	36	28	18	6	0	0	0	0	4	284144	4712100	448
48HH	Nonparticipating	41	36	28	18	6	0	0	0	0	4	284263	4711955	452
49HH	Nonparticipating	41	36	28	18	6	0	0	0	0	4	284249	4712115	447
54HH	Nonparticipating	42	37	29	19	9	0	0	0	0	4	284922	4711822	497
55R	Nonparticipating	41	37	29	19	7	0	0	0	0	4	284392	4711641	455
56R	Nonparticipating	42	37	29	19	8	0	0	0	0	4	284422	4711509	455
62HH	Nonparticipating	42	37	29	20	10	0	0	0	0	4	285036	4711856	496
63HH	Nonparticipating	44	40	30	22	12	0	0	0	0	4	285087	4711617	517
64B	Nonparticipating	45	40	31	22	12	0	0	0	0	4	285062	4711551	525
65B	Nonparticipating	42	37	30	21	11	0	0	0	0	4	284998	4711500	530
74HH	Nonparticipating	41	37	29	19	8	0	0	0	0	4	285053	4712205	461
75D	Nonparticipating	42	37	29	20	10	0	0	0	0	4	285755	4712150	493
77D	Nonparticipating	43	38	30	21	11	0	0	0	0	4	285817	4711599	520
78D	Nonparticipating	43	39	31	23	13	2	0	0	0	4	285737	4711066	556
79D	Nonparticipating	47	43	33	25	16	4	0	0	0	4	285837	4711176	546
80D	Nonparticipating	47	43	33	25	16	5	0	0	0	4	285937	4711145	544
81D	Nonparticipating	47	43	33	25	17	5	0	0	0	4	286028	4711122	541
82D	Nonparticipating	43	39	31	23	14	2	0	0	0	4	285764	4711145	548
83B	Nonparticipating	46	42	31	23	14	0	0	0	0	4	285069	4711411	538
85HH	Nonparticipating	42	37	29	19	8	0	0	0	0	4	284331	4710894	485
86HH	Nonparticipating	42	37	29	19	8	0	0	0	0	4	284364	4711085	476
90HH	Nonparticipating	41	37	28	18	6	0	0	0	0	4	283686	4711168	530
92W	Nonparticipating	40	36	27	16	3	0	0	0	0	4	281737	4710543	522
94W	Nonparticipating	41	36	28	17	4	0	0	0	0	4	281920	4710149	530
95B	Nonparticipating	41	36	28	17	4	0	0	0	0	4	282189	4710530	566
98D	Nonparticipating	41	36	28	17	5	0	0	0	0	4	282474	4710260	588
99B	Nonparticipating	42	37	29	20	8	0	0	0	0	4	283390	4710479	621
103D	Nonparticipating	41	36	28	17	5	0	0	0	0	4	282708	4710585	594
108W	Nonparticipating	42	38	30	20	9	0	0	0	0	4	284045	4710179	566
109W	Nonparticipating	42	38	30	20	9	0	0	0	0	4	284106	4710154	558
110HH	Nonparticipating	42	38	29	20	8	0	0	0	0	4	284233	4710651	492
111W	Nonparticipating	42	38	29	20	9	0	0	0	0	4	284158	4710447	509
112HH	Nonparticipating	42	37	29	20	8	0	0	0	0	4	284132	4710605	502
120D	Nonparticipating	51	46	35	28	20	9	0	0	0	4	286241	4710430	544
121D	Nonparticipating	51	46	35	28	20	9	0	0	0	4	286167	4710420	550
125D	Nonparticipating	51	47	35	28	20	9	0	0	0	4	286246	4710871	555
126D	Nonparticipating	51	47	36	28	20	9	0	0	0	4	286243	4710749	559
130D	Nonparticipating	51	47	36	29	21	11	0	0	0	4	286515	4710375	519

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
131D	Nonparticipating	44	40	32	24	15	6	0	0	0	4	286273	4709975	515
133D	Nonparticipating	53	48	36	29	20	7	0	0	0	4	285092	4709422	650
134D	Nonparticipating	51	46	35	27	18	5	0	0	0	4	284825	4709715	650
135D	Nonparticipating	49	45	34	26	17	5	0	0	0	4	284930	4709606	648
136D	Nonparticipating	49	45	33	25	15	1	0	0	0	4	284360	4709399	643
137D	Nonparticipating	49	45	33	25	15	2	0	0	0	4	284282	4709235	638
138D	Nonparticipating	49	45	33	25	15	2	0	0	0	4	284244	4709282	638
139D	Nonparticipating	44	40	30	20	9	0	0	0	0	4	283551	4709870	629
140D	Nonparticipating	42	37	29	18	6	0	0	0	0	4	282533	4709368	486
142W	Nonparticipating	41	36	28	17	4	0	0	0	0	4	281978	4709882	536
143W	Nonparticipating	41	36	28	17	4	0	0	0	0	4	281727	4709850	508
144B	Nonparticipating	41	36	28	17	4	0	0	0	0	4	281599	4709251	475
147D	Nonparticipating	41	36	28	17	4	0	0	0	0	4	280969	4708812	467
150D	Nonparticipating	41	36	27	16	3	0	0	0	0	4	280939	4709229	467
154W	Nonparticipating	42	38	29	19	8	0	0	0	0	4	283077	4709175	508
155W	Nonparticipating	42	38	29	19	8	0	0	0	0	4	282902	4709187	498
157W	Nonparticipating	42	38	29	19	8	0	0	0	0	4	283017	4709196	507
158W	Nonparticipating	43	39	31	21	11	0	0	0	0	4	283899	4708726	553
160W	Nonparticipating	43	38	30	21	10	0	0	0	0	4	283669	4708843	538
165W	Nonparticipating	43	39	31	22	11	0	0	0	0	4	284139	4708557	581
166W	Nonparticipating	43	39	31	22	11	0	0	0	0	4	284021	4708463	596
168D	Nonparticipating	44	40	32	23	13	0	0	0	0	4	284621	4709004	632
170D	Nonparticipating	44	39	32	23	13	0	0	0	0	4	284833	4708850	626
171D	Nonparticipating	54	49	37	30	21	9	0	0	0	4	285163	4708611	650
175W	Nonparticipating	53	49	37	30	21	10	0	0	0	4	285434	4708680	644
178D	Nonparticipating	52	48	37	30	22	12	0	0	0	4	286261	4709214	624
183W	Nonparticipating	53	48	37	30	23	13	0	0	0	4	286126	4708548	579
184W	Nonparticipating	53	48	37	30	23	13	0	0	0	4	286138	4708556	580
185D	Nonparticipating	53	48	38	31	24	14	0	0	0	4	286627	4709286	606
186D	Nonparticipating	52	48	38	31	24	14	0	0	0	4	286756	4709290	597
187D	Nonparticipating	54	49	38	31	24	14	0	0	0	4	286701	4709139	603
188D	Nonparticipating	54	49	38	31	24	14	0	0	0	4	286581	4709134	606
195D	Nonparticipating	53	49	38	32	25	16	0	0	0	4	286865	4708594	566
197D	Nonparticipating	53	48	38	32	26	18	0	0	0	4	287184	4708283	536
198B	Nonparticipating	48	44	36	29	22	13	0	0	0	4	286536	4708233	550
199D	Nonparticipating	51	47	37	30	23	14	0	0	0	4	286450	4708120	547
200D	Nonparticipating	47	43	35	28	21	13	0	0	0	4	286649	4708350	553
203E	Nonparticipating	50	46	37	30	23	14	0	0	0	4	286362	4707992	550
204E	Nonparticipating	52	48	37	30	23	13	0	0	0	4	286255	4708144	549



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
206E	Nonparticipating	52	47	37	30	23	13	0	0	0	4	286204	4708164	551
207E	Nonparticipating	52	47	37	30	23	13	0	0	0	4	286223	4708104	551
208W	Nonparticipating	52	48	38	31	24	15	0	0	0	4	286517	4707769	569
209W	Nonparticipating	51	47	38	31	24	15	0	0	0	4	286478	4707812	564
210W	Nonparticipating	52	48	37	30	22	12	0	0	0	4	286030	4708308	559
211W	Nonparticipating	52	48	37	30	23	13	0	0	0	4	286119	4708330	555
214W	Nonparticipating	52	48	37	30	22	12	0	0	0	4	285970	4708318	559
215W	Nonparticipating	52	47	37	30	22	11	0	0	0	4	285879	4708350	563
216W	Nonparticipating	51	46	36	29	21	11	0	0	0	4	285791	4708315	566
217W	Nonparticipating	51	47	36	29	21	10	0	0	0	4	285658	4708315	576
218W	Nonparticipating	51	47	36	29	21	11	0	0	0	4	285707	4708340	574
220W	Nonparticipating	52	48	36	29	21	10	0	0	0	4	285476	4708418	616
221W	Nonparticipating	51	47	36	29	20	9	0	0	0	4	285389	4708249	618
222W	Nonparticipating	54	49	37	30	21	9	0	0	0	4	285085	4708129	649
225W	Nonparticipating	53	49	38	30	22	11	0	0	0	4	285253	4707796	650
229W	Nonparticipating	52	47	36	28	19	8	0	0	0	4	284900	4707961	646
230W	Nonparticipating	52	48	36	28	20	8	0	0	0	4	284854	4707965	646
231D	Nonparticipating	51	46	35	26	17	4	0	0	0	4	284468	4707930	639
232W	Nonparticipating	44	39	31	22	12	0	0	0	0	4	284153	4708227	620
233W	Nonparticipating	44	39	31	22	12	0	0	0	0	4	284213	4708267	614
234W	Nonparticipating	44	39	31	22	12	0	0	0	0	4	284217	4708247	617
235W	Nonparticipating	44	39	31	22	12	0	0	0	0	4	284056	4708233	622
236D	Nonparticipating	53	48	36	28	19	5	0	0	0	4	283988	4707951	644
237D	Nonparticipating	46	43	35	26	16	3	0	0	0	4	284095	4707808	641
240D	Nonparticipating	52	48	36	28	18	4	0	0	0	4	283769	4707958	644
241D	Nonparticipating	51	46	35	27	17	3	0	0	0	4	283604	4707817	637
242D	Nonparticipating	43	38	30	21	10	0	0	0	0	4	283228	4708272	622
243D	Nonparticipating	43	38	30	21	9	0	0	0	0	4	283280	4708436	622
247D	Nonparticipating	43	38	30	21	10	0	0	0	0	4	283317	4708138	630
250D	Nonparticipating	43	38	30	20	8	0	0	0	0	4	282759	4708418	592
251W	Nonparticipating	43	38	30	20	9	0	0	0	0	4	282285	4707171	522
254W	Nonparticipating	44	39	31	22	11	0	0	0	0	4	283215	4707137	505
255W	Nonparticipating	44	39	31	22	12	0	0	0	0	4	283424	4707138	520
256W	Nonparticipating	44	40	32	23	13	1	0	0	0	4	284086	4707090	578
257D	Nonparticipating	53	48	36	28	19	6	0	0	0	4	284215	4707797	641
258D	Nonparticipating	52	47	36	28	18	5	0	0	0	4	284235	4707759	638
260W	Nonparticipating	46	42	33	25	15	3	0	0	0	4	284987	4707776	640
261W	Nonparticipating	54	50	38	31	22	11	0	0	0	4	285253	4707666	650
263W	Nonparticipating	52	47	37	30	22	12	0	0	0	4	285811	4707349	620

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
264W	Nonparticipating	46	42	34	26	18	8	0	0	0	4	286085	4707529	576
265W	Nonparticipating	46	42	34	26	18	8	0	0	0	4	286066	4707459	585
267W	Nonparticipating	47	43	35	27	19	8	0	0	0	4	286028	4707569	574
268W	Nonparticipating	47	43	35	27	19	9	0	0	0	4	286087	4707635	568
269W	Nonparticipating	47	43	35	27	19	9	0	0	0	4	286121	4707686	565
272W	Nonparticipating	54	49	38	32	24	15	0	0	0	4	286228	4707222	626
273W	Nonparticipating	47	43	35	27	19	9	0	0	0	4	286112	4707352	614
275H	Nonparticipating	54	50	40	34	27	20	0	0	0	4	287289	4707141	573
276H	Nonparticipating	54	49	40	33	27	20	0	0	0	4	287314	4706999	565
277H	Nonparticipating	54	50	40	33	27	20	0	0	0	4	287347	4707053	565
278H	Nonparticipating	54	50	40	34	27	20	0	0	0	4	287205	4707049	581
279H	Nonparticipating	54	49	40	34	28	21	0	0	0	4	287506	4707346	554
281H	Nonparticipating	51	47	39	33	27	20	0	0	0	4	287979	4707367	534
282H	Nonparticipating	53	49	40	34	29	23	3	0	0	4	288072	4707467	534
283D	Nonparticipating	54	50	40	33	27	19	0	0	0	4	286948	4706932	604
284D	Nonparticipating	56	51	41	34	28	20	0	0	0	4	286946	4706803	610
285D	Nonparticipating	54	50	40	34	27	19	0	0	0	4	287078	4706923	591
286H	Nonparticipating	53	49	39	33	27	19	0	0	0	4	287128	4706745	573
287H	Nonparticipating	54	49	39	33	27	19	0	0	0	4	287186	4706918	571
289H	Nonparticipating	54	49	39	33	27	19	0	0	0	4	287177	4706879	570
290H	Nonparticipating	53	48	39	33	26	19	0	0	0	4	287206	4706774	560
292H	Nonparticipating	53	49	39	33	27	19	0	0	0	4	287121	4706729	575
293D	Nonparticipating	56	52	41	34	28	19	0	0	0	4	286860	4706735	618
294D	Nonparticipating	55	51	41	34	27	18	0	0	0	4	286728	4706688	623
296W	Nonparticipating	46	41	34	26	17	6	0	0	0	4	285108	4706547	603
297D	Nonparticipating	45	41	33	25	16	5	0	0	0	4	284727	4706456	601
299D	Nonparticipating	49	45	35	27	19	9	0	0	0	4	284331	4706296	601
300D	Nonparticipating	51	46	36	28	20	9	0	0	0	4	284236	4706292	604
301D	Nonparticipating	51	47	36	28	20	9	0	0	0	4	284135	4706330	608
302D	Nonparticipating	51	47	36	29	20	9	0	0	0	4	284032	4706297	610
303D	Nonparticipating	50	45	36	28	19	8	0	0	0	4	283963	4706309	612
307D	Nonparticipating	49	45	35	28	19	8	0	0	0	4	283837	4706322	613
308D	Nonparticipating	52	48	36	28	20	8	0	0	0	4	283770	4706333	614
309D	Nonparticipating	45	41	33	25	15	4	0	0	0	4	283481	4706436	607
311D	Nonparticipating	44	40	32	23	14	3	0	0	0	4	283355	4706404	605
312D	Nonparticipating	45	41	35	26	17	4	0	0	0	4	283388	4706331	607
316D	Nonparticipating	44	39	32	23	13	1	0	0	0	4	283150	4706332	598
318W	Nonparticipating	43	38	30	21	10	0	0	0	0	4	282450	4707014	481
320W	Nonparticipating	43	38	30	20	9	0	0	0	0	4	281949	4706790	463



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
323W	Nonparticipating	43	38	30	20	9	0	0	0	0	4	282062	4706834	467
327W	Nonparticipating	43	38	30	21	9	0	0	0	0	4	282032	4706563	492
328D	Nonparticipating	44	39	32	23	13	1	0	0	0	4	282841	4705942	556
331D	Nonparticipating	48	44	34	26	17	4	0	0	0	4	283147	4706102	593
333D	Nonparticipating	52	48	38	30	23	13	0	0	0	4	285153	4705989	630
337D	Nonparticipating	52	48	37	31	23	14	0	0	0	4	285190	4705836	622
341D	Nonparticipating	51	46	37	30	22	13	0	0	0	4	285072	4705807	613
342D	Nonparticipating	50	46	36	30	22	14	0	0	0	4	285090	4705675	607
343D	Nonparticipating	50	45	36	29	22	13	0	0	0	4	285184	4705693	613
344D	Nonparticipating	49	44	36	29	22	12	0	0	0	4	285743	4706229	651
345D	Nonparticipating	55	51	40	33	26	16	0	0	0	4	285881	4706221	656
347D	Nonparticipating	55	51	40	33	26	17	0	0	0	4	285941	4706216	656
348D	Nonparticipating	56	52	40	34	27	17	0	0	0	4	285976	4706080	655
349D	Nonparticipating	56	52	41	34	27	18	0	0	0	4	286234	4706026	649
350D	Nonparticipating	56	52	41	34	27	18	0	0	0	4	286073	4706032	651
352D	Nonparticipating	56	52	41	34	27	18	0	0	0	4	286295	4706310	650
353D	Nonparticipating	56	51	41	34	28	19	0	0	0	4	286483	4705960	619
354D	Nonparticipating	55	51	40	34	27	19	0	0	0	4	286518	4705982	614
355D	Nonparticipating	55	51	40	34	27	19	0	0	0	4	286659	4706113	605
356D	Nonparticipating	55	51	40	34	27	19	0	0	0	4	286599	4706100	610
358H	Nonparticipating	50	45	37	31	23	15	0	0	0	4	287096	4706345	561
359H	Nonparticipating	49	45	37	30	23	15	0	0	0	4	287091	4706322	561
360H	Nonparticipating	49	45	37	30	23	15	0	0	0	4	287085	4706279	562
361H	Nonparticipating	49	45	37	30	23	15	0	0	0	4	287056	4706044	563
362H	Nonparticipating	49	45	37	31	23	15	0	0	0	4	287108	4705905	559
363H	Nonparticipating	49	45	37	30	23	15	0	0	0	4	287064	4705979	561
367H	Nonparticipating	49	45	37	31	23	15	0	0	0	4	287118	4705960	559
368H	Nonparticipating	49	45	37	31	23	15	0	0	0	4	287063	4705902	562
369H	Nonparticipating	49	45	37	31	23	16	0	0	0	4	287076	4705729	565
370H	Nonparticipating	49	45	38	31	23	15	0	0	0	4	287003	4705693	565
371H	Nonparticipating	49	45	37	31	23	15	0	0	0	4	287008	4705722	565
372H	Nonparticipating	49	45	38	31	23	16	0	0	0	4	286995	4705600	569
373H	Nonparticipating	49	45	38	31	23	16	0	0	0	4	287004	4705653	566
378D	Nonparticipating	55	51	41	36	30	24	4	0	0	4	287901	4705966	618
379D	Nonparticipating	55	51	42	37	31	24	4	0	0	4	287871	4705823	624
380D	Nonparticipating	57	52	43	37	32	26	7	0	0	4	288134	4706017	611
381D	Nonparticipating	57	52	43	37	32	26	6	0	0	4	288084	4705944	615
383H	Nonparticipating	53	48	39	32	25	17	0	0	0	4	285851	4704571	619
385H	Nonparticipating	54	49	40	34	27	20	1	0	0	4	286240	4704753	614

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
386H	Nonparticipating	53	48	39	33	26	19	0	0	0	4	286113	4704823	614
389W	Nonparticipating	58	54	43	38	33	27	11	0	0	4	286462	4704159	621
390D	Nonparticipating	51	48	41	36	30	24	7	0	0	4	287032	4704584	630
391D	Nonparticipating	49	45	39	32	26	20	3	0	0	4	287003	4704688	622
392D	Nonparticipating	49	45	39	33	26	20	3	0	0	4	287041	4704662	627
394D	Nonparticipating	50	46	40	36	30	24	6	0	0	4	287100	4704671	630
395D	Nonparticipating	57	53	43	38	32	26	10	0	0	4	287107	4704501	632
396D	Nonparticipating	56	52	42	37	31	26	10	0	0	4	287023	4704487	628
397D	Nonparticipating	56	52	43	37	32	26	11	0	0	4	287027	4704409	623
400H	Nonparticipating	59	55	46	41	37	34	25	0	0	4	288759	4704206	528
401H	Nonparticipating	60	56	47	42	38	35	25	0	0	4	288780	4704205	528
403H	Nonparticipating	59	55	46	42	38	34	24	0	0	4	288722	4704311	545
405H	Nonparticipating	60	56	46	42	38	35	26	0	0	4	288935	4704528	523
406H	Nonparticipating	60	56	47	42	38	36	26	2	0	4	288972	4704510	522
407H	Nonparticipating	60	55	46	42	38	35	26	0	0	4	288897	4704451	526
408H	Nonparticipating	59	55	46	41	37	34	24	0	0	4	288868	4704549	534
413H	Nonparticipating	59	55	46	41	37	34	24	0	0	4	288986	4704764	534
415H	Nonparticipating	61	57	48	43	40	38	29	8	0	4	289268	4704653	524
419H	Nonparticipating	61	57	47	43	39	37	28	6	0	4	289340	4704743	524
425D	Nonparticipating	62	58	50	45	42	39	31	9	0	4	290211	4704346	542
427D	Nonparticipating	62	58	49	45	41	38	30	7	0	4	290015	4703562	555
429H	Nonparticipating	60	56	47	42	38	34	24	0	0	4	288714	4704042	529
430H	Nonparticipating	59	55	46	42	37	33	23	0	0	4	288605	4703830	524
433H	Nonparticipating	59	56	46	42	37	33	22	0	0	4	288536	4703730	524
435D	Nonparticipating	58	55	46	42	38	35	28	7	0	4	287657	4703495	544
436D	Nonparticipating	59	56	47	43	39	35	28	6	0	4	287567	4703488	550
437D	Nonparticipating	59	56	47	43	39	36	28	6	0	4	287426	4703433	553
438D	Nonparticipating	58	54	44	39	34	29	15	0	0	4	287065	4704123	620
439D	Nonparticipating	58	54	44	39	34	29	15	0	0	4	287010	4704111	620
440D	Nonparticipating	58	54	44	39	33	28	14	0	0	4	286890	4704111	620
443W	Nonparticipating	57	53	43	38	33	28	13	0	0	4	286568	4704078	604
444D	Nonparticipating	59	56	46	41	37	33	23	0	0	4	287112	4703627	593
446D	Nonparticipating	60	56	47	43	39	36	27	2	0	4	287183	4703381	566
449W	Nonparticipating	57	53	43	37	32	26	10	0	0	4	286131	4704052	636
450W	Nonparticipating	57	53	43	37	32	26	10	0	0	4	286141	4704068	637
451B	Nonparticipating	49	45	37	30	23	15	0	0	0	4	284740	4704098	581
453H	Nonparticipating	49	45	37	31	23	16	0	0	0	4	284518	4703686	560
454H	Nonparticipating	47	43	36	29	21	14	0	0	0	4	284297	4703462	541
455H	Nonparticipating	49	45	37	30	23	15	0	0	0	4	284266	4703555	541





Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
457H	Nonparticipating	48	44	36	30	22	15	0	0	0	4	284320	4703576	543
458D	Nonparticipating	50	46	37	31	24	17	0	0	0	4	284179	4703043	540
459D	Nonparticipating	49	45	37	31	24	17	0	0	0	4	284125	4702874	523
464D	Nonparticipating	57	53	43	37	32	25	5	0	0	4	287898	4705717	626
469D	Nonparticipating	57	53	43	37	32	26	6	0	0	4	287990	4705709	622
472D	Nonparticipating	56	52	42	37	31	25	5	0	0	4	287883	4705593	623
473D	Nonparticipating	53	49	41	36	30	24	4	0	0	4	287811	4705629	624
474H	Nonparticipating	57	53	43	38	34	29	12	0	0	4	288640	4706239	547
476H	Nonparticipating	57	53	43	38	33	29	12	0	0	4	288670	4705900	545
479H	Nonparticipating	58	54	44	39	35	31	16	0	0	4	288895	4705855	536
480H	Nonparticipating	57	52	43	38	34	29	13	0	0	4	288743	4705714	561
483H	Nonparticipating	58	54	44	39	35	30	15	0	0	4	288746	4705447	598
484W	Nonparticipating	59	55	45	40	35	30	16	0	0	4	288522	4704979	614
485D	Nonparticipating	55	51	42	36	31	25	6	0	0	4	287915	4705364	626
486D	Nonparticipating	57	53	43	37	32	26	9	0	0	4	287946	4705132	631
489D	Nonparticipating	53	49	40	35	29	24	5	0	0	4	287510	4705015	635
491D	Nonparticipating	52	48	40	33	27	20	0	0	0	4	287389	4705086	626
493D	Nonparticipating	52	48	40	34	28	22	3	0	0	4	287026	4704927	624
494D	Nonparticipating	53	49	40	34	27	21	0	0	0	4	287140	4705027	623
495D	Nonparticipating	49	45	39	32	26	19	0	0	0	4	286963	4705065	616
496D	Nonparticipating	53	48	40	33	27	20	0	0	0	4	287065	4705043	620
500D	Nonparticipating	53	48	39	33	27	19	0	0	0	4	287045	4705199	609
501D	Nonparticipating	51	46	39	32	25	18	0	0	0	4	287135	4705337	599
502D	Nonparticipating	52	48	39	33	26	19	0	0	0	4	286977	4705201	608
503D	Nonparticipating	51	47	39	32	25	18	0	0	0	4	286972	4705319	599
504D	Nonparticipating	52	48	39	33	26	19	0	0	0	4	286870	4705181	610
505D	Nonparticipating	53	48	39	33	26	19	0	0	0	4	286897	4705191	610
507H	Nonparticipating	56	52	41	35	29	22	0	0	0	4	286538	4705102	616
508H	Nonparticipating	53	49	39	33	27	20	0	0	0	4	286607	4705098	610
509H	Nonparticipating	54	49	40	34	27	20	0	0	0	4	286612	4705208	610
510H	Nonparticipating	49	45	38	31	24	17	0	0	0	4	286700	4705192	601
513D	Nonparticipating	47	42	35	28	20	11	0	0	0	4	285237	4705308	596
514D	Nonparticipating	47	42	35	28	20	11	0	0	0	4	285069	4705110	580
516D	Nonparticipating	47	42	35	28	20	11	0	0	0	4	285300	4705269	600
517D	Nonparticipating	45	41	34	26	18	8	0	0	0	4	283382	4704212	538
518D	Nonparticipating	45	41	34	26	18	9	0	0	0	4	283418	4704225	543
519D	Nonparticipating	45	41	34	26	17	7	0	0	0	4	283418	4704252	542
520D	Nonparticipating	47	43	35	28	20	11	0	0	0	4	283787	4704390	577
521D	Nonparticipating	46	41	34	26	18	8	0	0	0	4	283843	4704557	573

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
522D	Nonparticipating	46	41	34	26	18	8	0	0	0	4	283900	4704556	572
523D	Nonparticipating	46	41	34	26	17	8	0	0	0	4	283763	4704554	571
525D	Nonparticipating	49	45	36	29	22	13	0	0	0	4	284533	4704821	592
526H	Nonparticipating	49	45	36	29	21	12	0	0	0	4	284942	4704703	603
527H	Nonparticipating	48	44	36	29	22	13	0	0	0	4	284835	4704650	601
528H	Nonparticipating	49	44	36	29	22	13	0	0	0	4	284824	4704547	601
529B	Nonparticipating	49	45	37	30	22	14	0	0	0	4	284784	4704282	596
530B	Nonparticipating	50	45	37	30	22	14	0	0	0	4	284609	4704217	589
541D	Nonparticipating	63	59	50	46	41	38	29	5	0	4	286578	4701238	621
542D	Nonparticipating	63	59	50	46	42	40	31	10	0	4	286830	4701209	599
544D	Nonparticipating	63	59	50	46	42	40	31	11	0	4	286801	4701291	602
547D	Nonparticipating	63	60	51	47	43	40	32	10	0	4	288112	4700800	568
556H	Nonparticipating	63	59	50	45	42	40	31	8	0	4	287175	4700786	552
559H	Nonparticipating	62	58	50	45	42	40	30	7	0	4	287054	4700814	559
561H	Nonparticipating	62	58	49	45	42	39	30	8	0	4	286680	4700522	556
564H	Nonparticipating	62	58	49	45	42	39	31	7	0	4	286613	4700479	556
569W	Nonparticipating	62	58	50	46	42	39	34	16	0	4	285386	4700515	600
570W	Nonparticipating	57	54	47	45	40	36	31	11	0	4	285382	4700252	581
572H	Nonparticipating	61	57	48	44	40	37	29	7	0	4	285972	4699870	552
574D	Nonparticipating	62	58	49	44	41	39	31	8	0	4	286432	4699895	555
576H	Nonparticipating	62	58	49	45	42	39	31	7	0	4	286547	4700426	556
584H	Nonparticipating	62	58	49	45	42	39	31	7	0	4	288042	4700353	528
585H	Nonparticipating	62	58	50	46	42	39	32	10	0	4	287917	4700282	544
586H	Nonparticipating	62	59	50	46	42	40	32	11	0	4	288064	4700215	525
587H	Nonparticipating	63	59	50	46	42	40	33	12	0	4	287997	4700210	536
589H	Nonparticipating	63	59	50	46	42	40	32	11	0	4	288113	4700192	522
592H	Nonparticipating	62	58	49	45	42	40	32	13	0	4	288527	4699870	515
593H	Nonparticipating	61	57	48	44	40	37	29	9	0	4	288981	4700199	507
594H	Nonparticipating	61	57	48	44	40	37	28	3	0	4	288807	4699938	499
595H	Nonparticipating	61	57	48	44	40	37	28	4	0	4	288919	4700053	498
596H	Nonparticipating	61	57	48	44	40	37	28	5	0	4	288934	4700081	500
597H	Nonparticipating	61	57	48	44	40	37	29	6	0	4	288959	4700130	502
598H	Nonparticipating	60	56	47	43	39	36	27	0	0	4	288959	4699937	501
599H	Nonparticipating	61	57	47	43	39	36	26	0	0	4	289002	4699954	503
600H	Nonparticipating	61	57	48	43	40	36	27	0	0	4	288927	4699932	500
601H	Nonparticipating	61	57	48	43	40	36	27	1	0	4	288878	4699830	504
604B	Nonparticipating	60	56	47	42	38	35	25	0	0	4	288887	4699351	522
611D	Nonparticipating	56	52	43	38	32	27	13	0	0	4	285646	4703358	633
612D	Nonparticipating	57	53	43	38	33	27	13	0	0	4	285467	4703167	627



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
615D	Nonparticipating	59	55	45	40	35	30	17	0	0	4	285942	4703250	632
620D	Nonparticipating	59	55	45	41	36	32	20	0	0	4	286290	4703321	624
621B	Nonparticipating	62	58	49	45	42	39	32	12	0	4	286616	4702774	601
622D	Nonparticipating	61	57	47	43	39	36	26	1	0	4	286571	4703084	608
624H	Nonparticipating	60	56	47	43	39	35	28	7	0	4	288085	4703359	531
625H	Nonparticipating	59	55	46	42	38	34	26	3	0	4	288217	4703353	528
629H	Nonparticipating	59	55	46	42	38	34	25	0	0	4	288306	4703326	525
648H	Nonparticipating	61	57	48	44	39	36	28	5	0	4	288330	4702910	519
650H	Nonparticipating	59	56	47	43	39	35	27	0	0	4	288451	4702799	518
651D	Nonparticipating	61	57	48	44	39	36	27	2	0	4	288895	4702960	589
654D	Nonparticipating	62	58	48	44	40	37	27	2	0	4	288994	4703044	601
655D	Nonparticipating	62	58	49	45	41	38	29	7	0	4	289066	4702948	606
656D	Nonparticipating	62	58	48	44	40	37	27	1	0	4	289065	4703117	604
659D	Nonparticipating	63	59	50	46	42	39	32	12	0	4	289346	4702930	614
660B	Nonparticipating	61	57	48	44	40	37	29	5	0	4	289840	4702927	586
664B	Nonparticipating	63	59	50	46	42	40	33	14	0	4	289735	4702765	597
666D	Nonparticipating	61	57	48	44	40	37	28	3	0	4	289873	4703293	567
667D	Nonparticipating	62	58	49	45	41	37	29	5	0	4	289939	4703401	565
675D	Nonparticipating	61	57	48	44	40	37	28	0	0	4	289868	4703126	574
677D	Nonparticipating	61	57	48	44	40	36	29	8	0	4	290796	4702901	624
679D	Nonparticipating	60	57	48	44	40	36	30	10	0	4	291183	4702888	615
684D	Nonparticipating	59	55	46	43	38	33	25	0	0	4	291457	4702760	608
687B	Nonparticipating	61	57	48	43	40	38	29	5	0	4	286482	4699539	545
690D	Nonparticipating	63	59	50	46	43	40	32	10	0	4	286981	4699130	602
691D	Nonparticipating	64	60	50	46	43	40	32	12	0	4	286897	4699050	602
694D	Nonparticipating	63	59	50	46	42	40	31	7	0	4	287250	4699027	609
696D	Nonparticipating	60	56	48	43	40	37	28	0	0	4	286343	4699546	548
697D	Nonparticipating	62	58	49	44	41	39	29	4	0	4	286400	4699704	557
699H	Nonparticipating	60	56	47	42	38	34	25	0	0	4	285678	4699702	554
706HH	Nonparticipating	57	53	44	40	35	31	22	0	0	4	290916	4710239	523
707H	Nonparticipating	57	53	44	40	35	31	21	0	0	4	291132	4710215	513
710H	Nonparticipating	55	51	43	39	34	30	20	0	0	4	291432	4709958	490
713HH	Nonparticipating	57	53	44	40	36	32	23	0	0	4	290795	4710235	536
714B	Nonparticipating	58	54	45	41	37	33	25	0	0	4	290569	4710185	551
719HH	Nonparticipating	57	53	44	40	36	32	24	0	0	4	290095	4710182	569
722HH	Nonparticipating	58	54	45	42	37	34	27	4	0	4	290190	4710072	568
723H	Nonparticipating	48	43	37	31	25	21	9	0	0	4	288874	4710041	548
727H	Nonparticipating	47	43	37	31	24	19	8	0	0	4	288864	4710105	547
728H	Nonparticipating	50	46	37	33	27	21	7	0	0	4	288899	4710598	543

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
732H	Nonparticipating	46	42	35	28	21	14	0	0	0	4	288959	4711018	523
734H	Nonparticipating	53	49	39	33	27	21	7	0	0	4	288947	4709805	544
736H	Nonparticipating	56	52	42	37	32	27	16	0	0	4	289138	4709602	554
737H	Nonparticipating	55	51	42	37	32	27	16	0	0	4	289115	4709527	540
738H	Nonparticipating	54	50	41	37	32	28	18	0	0	4	289258	4709368	544
742H	Nonparticipating	56	52	42	38	32	27	15	0	0	4	289120	4708953	534
743H	Nonparticipating	51	47	40	34	29	25	16	0	0	4	289211	4709125	539
744H	Nonparticipating	56	52	42	37	32	27	15	0	0	4	289073	4709118	536
748H	Nonparticipating	56	52	42	37	32	27	15	0	0	4	289107	4708991	534
750H	Nonparticipating	56	51	42	37	32	27	15	0	0	4	289104	4709019	534
751H	Nonparticipating	54	50	41	37	31	26	12	0	0	4	288927	4708944	532
753HH	Nonparticipating	55	51	42	39	34	30	21	0	0	4	289418	4709473	543
756HH	Nonparticipating	54	50	42	38	33	29	20	0	0	4	289344	4709383	547
757HH	Nonparticipating	57	53	44	41	36	33	26	2	0	4	289664	4709567	558
764D	Nonparticipating	57	53	46	42	37	33	26	1	0	4	291594	4702944	598
766D	Nonparticipating	58	54	46	42	37	32	24	0	0	4	291782	4702851	584
767D	Nonparticipating	57	53	45	41	36	31	22	0	0	4	291870	4702901	566
768HH	Nonparticipating	60	56	48	44	39	35	27	0	0	4	291805	4703121	601
769HH	Nonparticipating	60	57	48	44	39	35	28	2	0	4	291741	4703257	595
770HH	Nonparticipating	60	57	48	44	39	35	27	1	0	4	291783	4703247	594
771D	Nonparticipating	59	55	46	43	38	33	25	0	0	4	292211	4702838	566
772D	Nonparticipating	59	55	46	42	38	33	25	0	0	4	292397	4702792	576
773D	Nonparticipating	60	56	47	43	39	35	27	3	0	4	292534	4702870	565
774D	Nonparticipating	59	55	46	42	37	33	25	0	0	4	292896	4702756	552
776D	Nonparticipating	59	55	46	42	38	33	25	0	0	4	293070	4702788	553
777D	Nonparticipating	59	55	46	43	38	34	26	0	0	4	292899	4702832	542
780D	Nonparticipating	59	56	47	43	39	35	28	5	0	4	293436	4703097	494
783D	Nonparticipating	59	55	46	43	39	35	27	4	0	4	293509	4703122	495
784D	Nonparticipating	59	55	46	42	38	34	26	0	0	4	293138	4702854	542
786D	Nonparticipating	59	55	46	42	38	34	26	0	0	4	293334	4702891	536
789D	Nonparticipating	59	55	45	41	37	33	23	0	0	4	293713	4702956	532
795B	Nonparticipating	58	54	45	40	36	32	21	0	0	4	293543	4702734	550
801D	Nonparticipating	61	57	48	43	39	36	26	0	0	4	290301	4702495	614
802D	Nonparticipating	59	55	47	43	39	35	26	0	0	4	290326	4702372	611
806H	Nonparticipating	58	55	47	42	38	35	25	0	0	4	288452	4702199	515
807H	Nonparticipating	58	55	47	42	38	35	26	0	0	4	288518	4702127	520
810H	Nonparticipating	59	55	47	42	38	35	27	1	0	4	288785	4701977	523
811H	Nonparticipating	63	59	50	46	42	39	31	9	0	4	288082	4702259	587
813D	Nonparticipating	53	50	42	37	32	27	15	0	0	4	285270	4702078	585



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
816D	Nonparticipating	53	49	41	36	31	25	13	0	0	4	285085	4702160	570
818W	Nonparticipating	52	48	40	35	29	24	10	0	0	4	285083	4702447	579
819D	Nonparticipating	52	48	40	35	30	24	11	0	0	4	284861	4702104	525
822D	Nonparticipating	52	48	39	34	28	22	7	0	0	4	284775	4702464	557
824D	Nonparticipating	51	47	40	35	28	23	8	0	0	4	284901	4702340	555
825D	Nonparticipating	51	47	39	33	27	21	4	0	0	4	284486	4702477	532
827D	Nonparticipating	56	51	41	36	30	24	8	0	0	4	284100	4701664	595
832W	Nonparticipating	53	49	41	37	31	26	15	0	0	4	284949	4701880	522
833D	Nonparticipating	61	57	48	44	39	36	27	1	0	4	286020	4701644	626
835D	Nonparticipating	60	56	47	43	38	35	26	0	0	4	285813	4701591	627
836D	Nonparticipating	62	58	49	45	41	37	29	8	0	4	286225	4701634	621
837D	Nonparticipating	63	59	50	47	42	39	32	15	0	4	286351	4701714	613
838HH	Nonparticipating	56	52	43	39	34	29	18	0	0	4	289338	4708968	555
839HH	Nonparticipating	57	53	44	39	34	30	19	0	0	4	289412	4708951	563
840HH	Nonparticipating	55	51	44	39	34	29	20	0	0	4	289428	4708977	564
842HH	Nonparticipating	58	54	45	41	37	33	25	0	0	4	289730	4709022	588
843HH	Nonparticipating	58	54	45	41	36	32	24	0	0	4	289684	4709015	583
846HH	Nonparticipating	60	56	47	44	39	36	30	9	0	4	290032	4708985	614
848HH	Nonparticipating	62	58	49	46	42	39	33	15	0	4	290278	4708984	635
849HH	Nonparticipating	62	58	49	45	41	38	32	13	0	4	290187	4708989	629
851HH	Nonparticipating	61	58	49	45	41	38	32	13	0	4	291083	4709050	609
856HH	Nonparticipating	62	58	49	44	42	40	31	9	0	4	291780	4709379	533
861L	Nonparticipating	56	52	43	38	33	28	14	0	0	4	289210	4708492	527
862L	Nonparticipating	54	50	42	37	31	27	13	0	0	4	289291	4708474	533
863L	Nonparticipating	54	49	41	36	31	26	14	0	0	4	289313	4708476	535
864L	Nonparticipating	52	48	41	35	29	23	9	0	0	4	289358	4708271	528
865L	Nonparticipating	51	47	40	34	28	24	9	0	0	4	289373	4708203	528
866L	Nonparticipating	56	52	42	37	32	27	13	0	0	4	289070	4708603	532
867L	Nonparticipating	56	52	45	39	34	29	14	0	0	4	289164	4708184	528
868L	Nonparticipating	56	52	44	38	33	28	13	0	0	4	289105	4708167	528
869L	Nonparticipating	55	51	42	37	32	27	12	0	0	4	289050	4708369	522
870L	Nonparticipating	55	51	43	38	33	28	13	0	0	4	289107	4708409	523
871L	Nonparticipating	51	46	40	34	28	24	9	0	0	4	289376	4708164	528
872L	Nonparticipating	56	51	43	37	33	28	14	0	0	4	289369	4708052	530
873L	Nonparticipating	58	54	44	40	36	32	20	0	0	4	289428	4707507	528
874L	Nonparticipating	58	54	44	40	36	32	20	0	0	4	289406	4707468	528
875L	Nonparticipating	58	54	44	39	35	31	19	0	0	4	289389	4707600	528
876L	Nonparticipating	57	53	44	39	35	31	18	0	0	4	289411	4707674	528
877L	Nonparticipating	56	52	43	38	34	30	17	0	0	4	289436	4707852	529

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
878L	Nonparticipating	56	52	43	38	34	30	17	0	0	4	289435	4707888	531
879L	Nonparticipating	54	49	42	36	32	28	14	0	0	4	289395	4707999	528
880L	Nonparticipating	56	52	43	38	34	30	17	0	0	4	289397	4707861	528
881L	Nonparticipating	57	53	44	39	35	30	18	0	0	4	289401	4707778	528
882L	Nonparticipating	57	53	44	39	35	31	18	0	0	4	289410	4707719	528
883L	Nonparticipating	58	54	45	40	36	32	20	0	0	4	289404	4707420	528
884L	Nonparticipating	56	52	43	38	33	29	16	0	0	4	289435	4707994	537
885D	Nonparticipating	59	55	47	43	39	35	28	7	0	4	290360	4707666	557
886D	Nonparticipating	59	56	47	43	39	36	29	9	0	4	290253	4707590	570
887D	Nonparticipating	59	55	47	43	39	36	29	8	0	4	290195	4707587	571
892B	Nonparticipating	59	55	47	42	39	36	27	1	0	4	291457	4707751	487
893B	Nonparticipating	60	55	47	42	39	37	27	4	0	4	291422	4707694	493
894B	Nonparticipating	59	55	47	42	39	37	27	3	0	4	291357	4707768	491
902HH	Nonparticipating	59	54	46	41	38	35	24	0	0	4	291967	4707990	471
909W	Nonparticipating	60	56	47	43	39	36	28	8	0	4	292165	4707107	475
912D	Nonparticipating	62	58	49	45	42	40	32	12	0	4	290055	4707342	609
915L	Nonparticipating	58	54	45	41	37	34	23	0	0	4	289537	4707245	543
917L	Nonparticipating	56	52	44	39	36	33	21	0	0	4	289337	4706726	527
918L	Nonparticipating	58	54	45	40	37	33	22	0	0	4	289379	4707008	528
919L	Nonparticipating	58	54	45	40	37	33	22	0	0	4	289389	4706980	528
920L	Nonparticipating	57	53	44	39	36	32	20	0	0	4	289374	4707133	528
921L	Nonparticipating	53	49	42	37	32	28	18	0	0	4	289411	4707175	529
922L	Nonparticipating	58	54	45	40	36	32	20	0	0	4	289386	4707388	528
923L	Nonparticipating	58	54	45	40	36	32	20	0	0	4	289328	4707303	528
924L	Nonparticipating	58	54	45	40	36	32	19	0	0	4	289316	4707372	528
925L	Nonparticipating	58	54	45	40	36	32	20	0	0	4	289321	4707232	528
926L	Nonparticipating	58	54	45	40	36	33	21	0	0	4	289319	4707129	527
927L	Nonparticipating	58	54	45	40	37	33	22	0	0	4	289341	4706846	527
928L	Nonparticipating	59	55	46	41	38	34	24	0	0	4	289604	4707288	549
936L	Nonparticipating	58	54	46	41	37	34	23	0	0	4	289433	4706547	542
937L	Nonparticipating	56	52	43	38	33	30	18	0	0	4	289283	4706529	528
938L	Nonparticipating	58	54	45	40	36	33	21	0	0	4	289307	4706617	527
939L	Nonparticipating	57	53	44	40	35	32	20	0	0	4	289247	4706456	528
943L	Nonparticipating	57	53	43	38	34	29	12	0	0	4	288627	4706456	545
944L	Nonparticipating	57	53	43	38	33	29	12	0	0	4	288625	4706574	543
945L	Nonparticipating	57	53	43	38	34	29	12	0	0	4	288662	4706776	542
946L	Nonparticipating	57	53	43	38	34	29	13	0	0	4	288704	4706631	534
947L	Nonparticipating	57	53	43	38	34	29	13	0	0	4	288697	4706552	535
948L	Nonparticipating	57	53	44	39	34	30	14	0	0	4	288761	4706491	533



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
949L	Nonparticipating	57	53	44	39	34	30	14	0	0	4	288760	4706540	533
950L	Nonparticipating	57	53	43	38	33	28	12	0	0	4	288665	4707049	529
951L	Nonparticipating	58	54	45	40	36	32	19	0	0	4	289193	4707017	525
952L	Nonparticipating	58	54	45	40	35	31	18	0	0	4	289139	4707020	526
953L	Nonparticipating	58	54	44	39	35	31	18	0	0	4	289086	4707029	528
954L	Nonparticipating	58	54	44	39	35	31	17	0	0	4	289053	4707049	528
955L	Nonparticipating	57	53	43	38	33	28	12	0	0	4	288647	4707089	529
956L	Nonparticipating	57	53	43	38	34	29	13	0	0	4	288742	4706948	530
957L	Nonparticipating	57	53	44	38	34	29	14	0	0	4	288815	4707184	528
958L	Nonparticipating	57	53	44	38	34	29	13	0	0	4	288802	4707226	528
959L	Nonparticipating	57	53	44	39	34	29	13	0	0	4	288790	4707260	528
960L	Nonparticipating	57	53	43	38	33	28	12	0	0	4	288728	4707290	528
961L	Nonparticipating	57	52	43	38	33	28	11	0	0	4	288677	4707285	528
962L	Nonparticipating	57	52	45	39	33	28	12	0	0	4	288719	4707551	528
963L	Nonparticipating	57	53	45	39	33	28	12	0	0	4	288692	4707494	528
964L	Nonparticipating	57	52	45	39	34	29	12	0	0	4	288717	4707383	528
965L	Nonparticipating	56	52	45	39	33	28	12	0	0	4	288743	4707633	528
966W	Nonparticipating	61	57	48	44	40	37	28	2	0	4	292464	4706203	469
967W	Nonparticipating	62	58	49	46	41	38	31	7	0	4	292329	4706095	477
968W	Nonparticipating	62	58	49	46	41	38	31	8	0	4	292316	4706082	479
977HH	Nonparticipating	60	57	48	45	40	36	29	6	0	4	292459	4704839	555
981HH	Nonparticipating	60	56	48	45	39	35	27	0	0	4	292278	4704400	583
984D	Nonparticipating	62	58	50	46	41	38	30	9	0	4	290787	4704807	599
986D	Nonparticipating	61	57	48	44	40	37	28	1	0	4	290329	4704906	564
989D	Nonparticipating	62	58	50	46	41	39	31	8	0	4	290655	4704984	609
990D	Nonparticipating	61	57	48	44	40	37	26	0	0	4	289879	4704995	543
991HH	Nonparticipating	61	57	49	45	41	37	31	12	0	4	292079	4703734	528
998D	Nonparticipating	56	52	42	37	31	26	7	0	0	4	288241	4706493	569
999D	Nonparticipating	56	52	42	37	32	26	7	0	0	4	288248	4706611	573
1003L	Nonparticipating	57	53	43	38	33	29	12	0	0	4	288714	4707083	528
1004L	Nonparticipating	56	51	42	37	32	26	8	0	0	4	288452	4707466	534
1005H	Nonparticipating	55	51	41	35	30	24	3	0	0	4	288145	4707746	534
1006H	Nonparticipating	55	51	41	36	30	24	4	0	0	4	288184	4707798	534
1007H	Nonparticipating	55	51	41	36	30	24	5	0	0	4	288247	4707693	534
1008L	Nonparticipating	56	52	44	38	33	28	10	0	0	4	288659	4707627	528
1009L	Nonparticipating	56	52	44	38	33	27	10	0	0	4	288646	4707662	528
1010L	Nonparticipating	56	52	44	38	33	27	10	0	0	4	288623	4707713	528
1011L	Nonparticipating	56	52	43	37	32	27	9	0	0	4	288566	4707766	528
1012L	Nonparticipating	55	51	42	37	32	26	8	0	0	4	288533	4707798	530

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
1013L	Nonparticipating	56	52	43	37	32	26	8	0	0	4	288531	4707854	531
1014L	Nonparticipating	56	52	43	37	32	26	8	0	0	4	288589	4707913	529
1015L	Nonparticipating	56	52	44	38	32	27	9	0	0	4	288658	4707881	528
1016L	Nonparticipating	56	52	44	38	33	27	10	0	0	4	288686	4707965	528
1017L	Nonparticipating	56	52	44	38	32	27	9	0	0	4	288667	4708017	528
1018L	Nonparticipating	55	51	41	36	31	25	7	0	0	4	288501	4708039	532
1019L	Nonparticipating	55	51	42	36	31	25	7	0	0	4	288532	4708074	529
1020L	Nonparticipating	56	52	42	37	32	26	8	0	0	4	288599	4708108	528
1021L	Nonparticipating	55	51	41	36	31	25	5	0	0	4	288382	4707982	534
1022H	Nonparticipating	55	51	41	35	30	24	3	0	0	4	288148	4707849	534
1023H	Nonparticipating	55	51	41	36	30	24	4	0	0	4	288216	4707742	534
1024L	Nonparticipating	56	51	42	37	31	26	8	0	0	4	288683	4708222	528
1025L	Nonparticipating	56	51	42	37	31	26	9	0	0	4	288747	4708361	534
1026L	Nonparticipating	56	51	42	37	32	26	9	0	0	4	288751	4708248	531
1027L	Nonparticipating	55	51	42	37	32	26	11	0	0	4	288940	4708419	524
1028L	Nonparticipating	56	52	42	37	32	27	11	0	0	4	288962	4708515	523
1029L	Nonparticipating	56	52	42	37	32	26	10	0	0	4	288862	4708425	533
1030L	Nonparticipating	55	51	42	37	32	27	12	0	0	4	289082	4708352	523
1031L	Nonparticipating	56	52	44	38	33	27	10	0	0	4	288797	4708001	528
1032L	Nonparticipating	56	52	44	38	33	28	13	0	0	4	289019	4707971	528
2209H	Nonparticipating	59	55	47	42	38	34	26	1	0	4	289431	4700613	508
2210H	Nonparticipating	58	54	46	42	38	35	27	5	0	4	289304	4700513	504
2213W	Nonparticipating	53	49	42	36	31	26	10	0	0	4	290504	4700723	523
2217W	Nonparticipating	58	54	46	41	37	33	22	0	0	4	290056	4701310	553
2219D	Nonparticipating	51	47	45	38	37	30	18	0	0	4	291106	4701353	527
2220D	Nonparticipating	52	48	45	38	39	32	20	0	0	4	290984	4701444	558
2223D	Nonparticipating	54	49	42	36	31	25	9	0	0	4	291044	4700980	510
2225D	Nonparticipating	51	47	42	36	32	25	11	0	0	4	291090	4701107	515
2226D	Nonparticipating	53	49	44	37	35	28	15	0	0	4	291055	4701142	522
2227W	Nonparticipating	50	46	41	34	29	22	6	0	0	4	290933	4700751	494
2229D	Nonparticipating	49	45	39	32	25	18	0	0	0	4	291348	4700669	470
2230D	Nonparticipating	51	47	40	33	27	21	2	0	0	4	291210	4700730	486
2231D	Nonparticipating	50	45	39	32	25	18	0	0	0	4	291268	4700659	472
2235H	Nonparticipating	49	45	39	32	25	18	0	0	0	4	291358	4700465	466
2236H	Nonparticipating	51	46	39	32	26	19	0	0	0	4	291459	4700519	465
2240B	Nonparticipating	51	47	39	32	25	18	0	0	0	4	291897	4700536	455
2241B	Nonparticipating	51	47	39	32	25	18	0	0	0	4	291798	4700534	458
2242B	Nonparticipating	50	46	38	32	25	17	0	0	0	4	291883	4700469	449
2247H	Nonparticipating	53	49	40	33	27	19	0	0	0	4	292200	4700602	490





Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
2250W	Nonparticipating	50	46	39	33	26	19	2	0	0	4	292000	4701361	563
2251W	Nonparticipating	52	48	40	34	26	19	0	0	0	4	292087	4701248	553
2261W	Nonparticipating	53	48	39	32	25	17	0	0	0	4	292882	4700889	526
2263B	Nonparticipating	48	44	36	29	21	12	0	0	0	4	293393	4700369	438
2264D	Nonparticipating	52	47	43	36	33	27	14	0	0	4	290827	4701875	569
2267B	Nonparticipating	46	41	34	26	17	6	0	0	0	4	294679	4699671	498
2270D	Nonparticipating	46	41	34	26	16	5	0	0	0	4	294455	4699449	523
2271D	Nonparticipating	46	41	34	26	17	6	0	0	0	4	294392	4699458	527
2355D	Nonparticipating	53	48	38	31	23	13	0	0	0	4	294150	4699640	559
2356D	Nonparticipating	55	51	39	32	24	14	0	0	0	4	294065	4699551	565
2361B	Nonparticipating	49	45	36	29	21	12	0	0	0	4	293330	4700278	441
2362B	Nonparticipating	47	43	36	29	21	11	0	0	0	4	293141	4700286	437
2364H	Nonparticipating	49	45	37	30	22	13	0	0	0	4	292949	4700262	439
2365H	Nonparticipating	48	44	37	30	22	13	0	0	0	4	292880	4700316	451
2366H	Nonparticipating	48	44	37	30	22	13	0	0	0	4	292897	4700315	449
2369D	Nonparticipating	51	47	37	30	22	13	0	0	0	4	293188	4699521	496
2376B	Nonparticipating	48	44	37	30	22	13	0	0	0	4	291998	4699631	540
2377B	Nonparticipating	48	44	37	30	22	13	0	0	0	4	291989	4699638	541
2384H	Nonparticipating	52	48	40	34	28	22	2	0	0	4	290705	4700001	466
2385H	Nonparticipating	53	49	41	35	29	23	3	0	0	4	290736	4699975	471
2387H	Nonparticipating	53	49	41	35	30	24	6	0	0	4	290392	4699915	474
2388H	Nonparticipating	53	49	41	35	30	24	5	0	0	4	290441	4699929	473
2389H	Nonparticipating	50	46	40	34	28	21	4	0	0	4	290559	4699897	473
2390H	Nonparticipating	50	46	40	34	28	22	4	0	0	4	290556	4699924	471
2391H	Nonparticipating	51	47	41	35	29	22	4	0	0	4	290552	4699950	470
2392H	Nonparticipating	52	48	41	34	29	22	4	0	0	4	290554	4699976	468
2396H	Nonparticipating	54	50	42	36	31	25	8	0	0	4	290136	4699836	481
2398H	Nonparticipating	52	48	41	35	29	24	6	0	0	4	290301	4699934	471
2399H	Nonparticipating	51	47	40	33	27	20	2	0	0	4	290111	4699988	468
2400H	Nonparticipating	55	51	42	37	32	26	11	0	0	4	290072	4699778	482
2402H	Nonparticipating	56	52	43	38	32	27	10	0	0	4	290205	4699669	495
2403H	Nonparticipating	56	52	43	38	33	27	11	0	0	4	290103	4699674	491
2404H	Nonparticipating	56	52	43	38	33	27	11	0	0	4	290118	4699602	497
2405H	Nonparticipating	57	53	43	38	33	28	12	0	0	4	289981	4699552	490
2406H	Nonparticipating	56	52	43	38	32	27	10	0	0	4	290189	4699635	496
2407H	Nonparticipating	56	52	43	38	33	28	12	0	0	4	290037	4699652	488
2409H	Nonparticipating	56	52	43	38	32	27	12	0	0	4	290057	4699745	484
2410H	Nonparticipating	54	50	42	37	32	28	14	0	0	4	289744	4699497	476
2412H	Nonparticipating	59	55	47	42	38	35	25	0	0	4	289229	4700116	492

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
2413H	Nonparticipating	59	55	47	43	38	35	27	2	0	4	289162	4700178	488
2414H	Nonparticipating	59	55	47	43	38	35	27	2	0	4	289174	4700184	488
2415H	Nonparticipating	59	55	47	43	38	35	27	3	0	4	289237	4700296	486
2421H	Nonparticipating	60	56	47	43	38	35	25	0	0	4	289188	4700045	507
2424H	Nonparticipating	61	57	48	43	40	37	27	1	0	4	288878	4699872	503
2425H	Nonparticipating	61	57	48	43	40	37	28	2	0	4	288829	4699875	502
2426H	Nonparticipating	61	57	48	43	40	36	27	1	0	4	288888	4699908	501
2431H	Nonparticipating	61	57	47	43	39	36	26	0	0	4	288924	4699818	505
2432H	Nonparticipating	57	53	44	39	35	31	18	0	0	4	289494	4699585	488
2433H	Nonparticipating	56	52	44	39	35	31	19	0	0	4	289402	4699680	490
2442H	Nonparticipating	56	52	44	39	34	30	16	0	0	4	289590	4699517	490
2444H	Nonparticipating	57	53	44	39	34	30	16	0	0	4	289639	4699485	491
2446H	Nonparticipating	56	52	43	38	34	29	16	0	0	4	289654	4699563	482
2447B	Nonparticipating	64	60	50	46	42	39	31	8	0	4	287401	4698961	614
2450H	Nonparticipating	59	55	46	41	38	35	24	0	0	4	288712	4698952	537
2451H	Nonparticipating	59	55	46	41	37	34	24	0	0	4	288735	4698920	534
2455R	Nonparticipating	59	55	47	43	38	34	26	3	0	4	288653	4698629	553
2456H	Nonparticipating	61	57	48	44	40	37	29	6	0	4	288489	4698962	549
2458B	Nonparticipating	58	54	46	41	37	33	23	0	0	4	288900	4699014	510
2459B	Nonparticipating	58	54	45	40	36	33	21	0	0	4	288912	4698945	510
2464H	Nonparticipating	58	54	45	40	35	30	15	0	0	4	289493	4698825	557
2466D	Nonparticipating	52	48	40	34	27	20	0	0	0	4	290509	4698574	526
2470D	Nonparticipating	53	48	39	33	26	19	0	0	0	4	291542	4698533	562
2476W	Nonparticipating	56	51	40	34	27	18	0	0	0	4	292170	4698548	583
2478D	Nonparticipating	48	43	37	29	21	12	0	0	0	4	291976	4699235	523
<b>2488W</b>	<b>Nonparticipating</b>	<b>51</b>	<b>47</b>	<b>37</b>	<b>30</b>	<b>22</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>293668</b>	<b>4699331</b>	<b>520</b>
2493B	Nonparticipating	50	46	36	29	20	10	0	0	0	4	293511	4698374	544
2495B	Nonparticipating	52	47	37	29	21	10	0	0	0	4	293729	4698357	564
2570D	Nonparticipating	46	42	34	26	18	6	0	0	0	4	294045	4698072	547
2573D	Nonparticipating	49	45	36	29	21	12	0	0	0	4	293027	4697861	523
2586D	Nonparticipating	50	46	37	30	23	14	0	0	0	4	291894	4697782	529
2590W	Nonparticipating	51	46	38	31	24	16	0	0	0	4	291694	4698097	522
2592H	Nonparticipating	58	54	44	39	34	29	14	0	0	4	289684	4698411	563
2593R	Nonparticipating	58	54	45	40	34	29	16	0	0	4	289591	4698018	580
2601R	Nonparticipating	57	53	44	39	34	28	14	0	0	4	289647	4698076	574
2602H	Nonparticipating	60	56	46	41	36	32	19	0	0	4	289688	4697729	595
2603W	Nonparticipating	53	48	40	35	30	27	13	0	0	4	290299	4697596	553
2605B	Nonparticipating	59	55	45	41	37	33	22	0	0	4	289666	4697531	596
2606B	Nonparticipating	59	55	45	41	37	33	22	0	0	4	289669	4697542	596

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
2609D	Nonparticipating	60	56	47	44	39	35	28	4	0	4	288543	4698240	537
2610D	Nonparticipating	61	57	48	45	40	37	30	10	0	4	288435	4698350	543
2612D	Nonparticipating	60	56	47	43	39	35	28	4	0	4	288523	4698113	547
2613D	Nonparticipating	60	56	48	44	39	36	29	7	0	4	288420	4698089	553
2620H	Nonparticipating	63	59	51	47	42	39	32	9	0	4	287510	4697594	576
2624H	Nonparticipating	62	58	50	46	42	38	31	10	0	4	286845	4697477	548
2627H	Participating	62	58	50	47	42	39	32	13	0	4	286838	4697411	558
2629H	Nonparticipating	63	59	50	47	42	39	32	9	0	4	286943	4697458	553
2630H	Nonparticipating	60	56	48	44	40	36	30	9	0	4	286184	4697467	544
2631H	Nonparticipating	60	56	48	44	39	36	29	8	0	4	286130	4697447	547
2634B	Nonparticipating	59	56	47	43	38	34	25	0	0	4	285890	4697507	554
2640H	Nonparticipating	58	54	45	41	36	32	22	0	0	4	285696	4697515	554
2641H	Nonparticipating	58	54	45	41	37	32	22	0	0	4	285706	4697501	556
2645H	Nonparticipating	59	55	46	43	38	33	24	0	0	4	285815	4697502	556
2646H	Nonparticipating	54	50	41	36	30	23	7	0	0	4	284936	4697559	512
2647H	Nonparticipating	54	50	41	36	30	23	7	0	0	4	284891	4697549	512
2653H	Nonparticipating	57	53	45	40	37	35	25	0	0	4	289673	4697274	598
2655H	Nonparticipating	61	57	48	43	40	38	30	11	0	4	289707	4696878	615
2658HH	Nonparticipating	57	53	42	37	31	26	10	0	0	4	290895	4696646	601
2660W	Nonparticipating	51	47	39	32	25	20	4	0	0	4	290962	4697308	582
2661HH	Nonparticipating	51	46	38	32	28	24	8	0	0	4	291028	4696561	592
2662W	Nonparticipating	48	44	37	30	23	18	0	0	0	4	291189	4696712	587
2666D	Nonparticipating	54	50	39	33	26	19	0	0	0	4	291946	4697117	583
2667D	Nonparticipating	50	45	37	30	24	18	0	0	0	4	292021	4697095	580
2670B	Nonparticipating	47	43	34	26	19	11	0	0	0	4	292960	4696961	523
2671B	Nonparticipating	45	41	34	26	17	7	0	0	0	4	293030	4697004	522
2681B	Nonparticipating	47	42	34	26	19	10	0	0	0	4	293062	4696960	522
2682H	Nonparticipating	47	42	34	26	18	8	0	0	0	4	293384	4696613	516
2685H	Nonparticipating	49	45	35	27	19	9	0	0	0	4	293547	4696365	516
2686H	Nonparticipating	51	46	35	28	19	9	0	0	0	4	293695	4696265	516
2687HH	Nonparticipating	53	49	37	30	22	12	0	0	0	4	292980	4695788	559
2693R	Nonparticipating	53	49	40	34	29	24	7	0	0	4	291039	4696081	577
2695R	Nonparticipating	53	49	40	34	29	24	7	0	0	4	290999	4695975	575
2696R	Nonparticipating	53	49	39	34	29	24	6	0	0	4	291026	4695854	571
2698H	Nonparticipating	50	46	37	31	26	21	4	0	0	4	291020	4695695	560
2701H	Nonparticipating	47	43	36	30	25	19	1	0	0	4	291105	4695609	555
2703H	Nonparticipating	50	45	37	31	26	21	3	0	0	4	290973	4695490	549
2704H	Nonparticipating	50	45	37	31	26	21	3	0	0	4	290977	4695508	550
2707H	Nonparticipating	55	51	42	36	32	27	12	0	0	4	290366	4695635	583

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
2790D	Nonparticipating	60	56	47	43	39	36	25	0	0	4	288847	4695732	588
2791R	Nonparticipating	59	55	47	42	39	36	28	3	0	4	288337	4695596	528
2792R	Nonparticipating	55	52	45	40	36	35	27	4	0	4	288339	4695423	525
2793R	Nonparticipating	63	59	50	47	42	39	31	9	0	4	287861	4696109	587
<b>2801HH</b>	<b>Nonparticipating</b>	<b>63</b>	<b>59</b>	<b>50</b>	<b>47</b>	<b>42</b>	<b>39</b>	<b>32</b>	<b>13</b>	<b>0</b>	<b>4</b>	<b>286615</b>	<b>4695945</b>	<b>559</b>
2802R	Nonparticipating	62	58	49	46	42	40	33	13	0	4	286984	4694741	558
2807R	Nonparticipating	58	55	46	42	38	36	27	3	0	4	288418	4695200	527
2808R	Nonparticipating	54	50	43	38	34	31	22	0	0	4	288377	4695075	509
2814R	Nonparticipating	54	50	43	38	33	31	22	0	0	4	288435	4694997	506
2816H	Nonparticipating	58	54	44	40	36	33	21	0	0	4	288510	4694527	518
2817H	Nonparticipating	58	53	44	40	36	33	22	0	0	4	288419	4694509	509
2818H	Nonparticipating	56	52	44	39	35	32	20	0	0	4	288607	4694531	527
2843H	Nonparticipating	54	50	41	36	31	27	12	0	0	4	289342	4694944	575
2844H	Nonparticipating	49	45	39	33	27	23	8	0	0	4	289507	4694915	564
2852H	Nonparticipating	50	46	39	33	28	23	7	0	0	4	289348	4694409	496
2853H	Nonparticipating	51	47	39	33	29	24	8	0	0	4	289333	4694413	497
2854H	Nonparticipating	48	44	38	31	25	20	2	0	0	4	289688	4694551	501
2855H	Nonparticipating	48	44	37	31	25	20	2	0	0	4	289700	4694548	500
2858H	Nonparticipating	49	45	38	32	26	21	5	0	0	4	289719	4694958	555
2861H	Nonparticipating	50	46	38	32	27	21	2	0	0	4	289947	4694518	512
2863H	Nonparticipating	49	44	37	31	25	19	0	0	0	4	290198	4694830	528
2867H	Nonparticipating	50	46	38	32	27	22	5	0	0	4	290272	4694935	536
2869H	Nonparticipating	50	46	38	32	27	22	5	0	0	4	290380	4695030	541
2871H	Nonparticipating	49	45	39	33	28	23	6	0	0	4	290554	4695313	564
2874H	Nonparticipating	54	50	40	34	29	23	3	0	0	4	290576	4694826	571
2876H	Nonparticipating	55	51	40	34	28	21	0	0	0	4	290689	4694558	584
2877H	Nonparticipating	55	51	40	34	29	22	1	0	0	4	290574	4694648	579
2880H	Nonparticipating	47	42	35	28	21	15	0	0	0	4	291114	4695092	530
2881HH	Nonparticipating	45	40	33	25	16	6	0	0	0	4	292847	4695319	528
2882HH	Nonparticipating	45	40	33	25	16	6	0	0	0	4	292848	4695339	528
2883HH	Nonparticipating	48	43	34	25	16	6	0	0	0	4	292764	4694933	559
2885HH	Nonparticipating	44	40	32	24	15	4	0	0	0	4	292908	4694449	556
2886HH	Nonparticipating	44	39	32	23	14	3	0	0	0	4	293073	4694331	542
2889H	Nonparticipating	44	39	32	23	14	4	0	0	0	4	292603	4693984	541
2897H	Nonparticipating	45	40	33	25	17	7	0	0	0	4	292079	4694276	535
2898H	Nonparticipating	45	40	33	25	16	7	0	0	0	4	292086	4694154	532
2899H	Nonparticipating	44	40	33	25	16	7	0	0	0	4	292123	4694100	534
2900H	Nonparticipating	44	40	33	25	16	7	0	0	0	4	292138	4694107	536
2901H	Nonparticipating	44	40	33	24	16	6	0	0	0	4	292125	4694048	531

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
2903H	Nonparticipating	45	40	33	25	17	7	0	0	0	4	291984	4694135	522
2904H	Nonparticipating	44	40	33	24	16	6	0	0	0	4	292142	4694010	531
2905H	Nonparticipating	44	40	33	24	16	6	0	0	0	4	292082	4693959	521
2910H	Nonparticipating	44	40	32	24	15	5	0	0	0	4	292323	4693823	522
2911H	Nonparticipating	44	40	32	24	15	5	0	0	0	4	292260	4693908	530
2918R	Nonparticipating	54	50	39	34	28	21	0	0	0	4	289774	4693592	528
2920R	Nonparticipating	53	49	39	33	27	20	0	0	0	4	289804	4693401	522
2923H	Nonparticipating	52	47	39	33	28	23	6	0	0	4	289492	4694321	492
2924H	Nonparticipating	52	47	39	33	28	23	6	0	0	4	289506	4694327	492
2925H	Nonparticipating	51	47	39	33	28	23	5	0	0	4	289637	4694342	496
2926H	Nonparticipating	52	48	39	33	28	23	5	0	0	4	289690	4694277	503
2927H	Nonparticipating	51	47	39	34	29	25	9	0	0	4	289273	4694326	489
2928H	Nonparticipating	49	45	40	34	28	24	8	0	0	4	289263	4694316	489
2929H	Nonparticipating	52	48	39	34	29	24	6	0	0	4	289426	4694090	506
2930H	Nonparticipating	52	48	39	34	29	24	7	0	0	4	289336	4694031	496
2931H	Nonparticipating	52	48	39	34	29	24	7	0	0	4	289350	4694025	498
2932H	Nonparticipating	52	48	39	34	29	23	6	0	0	4	289437	4694016	510
2933H	Nonparticipating	52	48	39	34	29	24	7	0	0	4	289409	4694132	500
2934R	Nonparticipating	54	50	40	35	30	24	4	0	0	4	289535	4693894	521
2936H	Nonparticipating	53	49	40	35	31	27	12	0	0	4	288934	4694105	474
2937H	Nonparticipating	54	50	41	36	31	27	13	0	0	4	288875	4694104	474
2938H	Nonparticipating	54	50	41	36	32	27	13	0	0	4	288779	4694097	473
2939H	Nonparticipating	53	49	40	35	31	27	12	0	0	4	288886	4694044	477
2940H	Nonparticipating	53	49	40	35	30	26	10	0	0	4	289002	4694001	479
2941H	Nonparticipating	53	49	40	35	30	26	10	0	0	4	289008	4694016	479
2942H	Nonparticipating	53	49	40	35	30	26	11	0	0	4	289026	4694065	479
3032R	Nonparticipating	52	48	39	34	28	22	4	0	0	4	289377	4693722	492
3033R	Nonparticipating	53	48	39	34	28	22	3	0	0	4	289443	4693747	499
3035H	Nonparticipating	56	52	42	38	34	30	18	0	0	4	288243	4694027	471
3036H	Nonparticipating	55	51	42	37	33	30	18	0	0	4	288241	4694036	471
3039H	Nonparticipating	55	51	42	37	33	30	17	0	0	4	287955	4693837	463
3040H	Nonparticipating	55	51	42	37	33	30	18	0	0	4	287972	4693921	468
3041H	Nonparticipating	55	51	42	37	34	30	18	0	0	4	287962	4693952	470
3042H	Nonparticipating	56	52	42	38	34	30	17	0	0	4	288044	4693893	469
3047H	Nonparticipating	55	51	42	37	34	30	18	0	0	4	287820	4693933	465
3048H	Nonparticipating	54	50	42	36	33	30	18	0	0	4	287759	4693936	464
3049R	Nonparticipating	54	50	41	36	31	27	12	0	0	4	287745	4693393	476
3053R	Nonparticipating	54	50	41	36	31	27	11	0	0	4	287776	4693370	473
3054H	Nonparticipating	52	48	40	34	30	28	17	0	0	4	286868	4693651	444

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3055H	Nonparticipating	55	50	41	36	33	30	19	0	0	4	286809	4693640	444
3056H	Nonparticipating	54	50	41	36	33	30	18	0	0	4	286836	4693567	447
3057H	Nonparticipating	55	51	42	37	33	30	18	0	0	4	286890	4693577	447
3059H	Nonparticipating	55	51	42	37	33	30	17	0	0	4	287187	4693644	453
3060H	Nonparticipating	55	51	42	37	33	30	17	0	0	4	287136	4693641	452
3061H	Nonparticipating	55	51	42	37	34	30	18	0	0	4	287091	4693636	451
3062H	Nonparticipating	55	51	42	37	33	30	17	0	0	4	287174	4693632	453
3063H	Nonparticipating	56	51	42	38	34	31	19	0	0	4	287456	4693868	462
3066H	Nonparticipating	54	50	41	36	33	30	18	0	0	4	286602	4693547	443
3070H	Nonparticipating	54	49	41	35	33	30	19	0	0	4	286107	4693569	437
3071H	Nonparticipating	54	49	41	35	33	30	19	0	0	4	286311	4693551	439
3082B	Nonparticipating	55	51	41	35	30	25	7	0	0	4	287370	4692893	558
3083B	Nonparticipating	55	51	41	35	30	25	7	0	0	4	287369	4692885	559
3088R	Nonparticipating	52	47	37	32	25	18	0	0	0	4	289469	4692833	562
3089R	Nonparticipating	53	49	38	33	27	20	0	0	0	4	289740	4693240	508
3090R	Nonparticipating	53	49	38	33	27	20	0	0	0	4	289748	4693223	508
3091R	Nonparticipating	53	49	38	32	26	18	0	0	0	4	289881	4693073	524
3097R	Nonparticipating	52	48	37	31	25	18	0	0	0	4	289846	4692945	517
3102R	Nonparticipating	52	48	37	31	24	16	0	0	0	4	289958	4692720	529
3176H	Nonparticipating	48	44	37	30	22	14	0	0	0	4	290297	4692592	567
3177H	Nonparticipating	53	49	38	31	24	16	0	0	0	4	290226	4692590	561
3178H	Nonparticipating	53	49	38	31	24	16	0	0	0	4	290154	4692608	554
3179H	Nonparticipating	47	43	34	28	21	13	0	0	0	4	290083	4692315	526
3182H	Nonparticipating	45	42	34	27	20	12	0	0	0	4	290436	4692626	571
3184HH	Nonparticipating	47	43	33	25	16	7	0	0	0	4	291202	4692965	573
3185HH	Nonparticipating	47	43	33	25	16	7	0	0	0	4	291206	4692973	573
3186D	Nonparticipating	44	39	32	23	15	6	0	0	0	4	291448	4692499	568
3187D	Nonparticipating	44	39	32	24	15	6	0	0	0	4	291471	4692502	568
3189HH	Nonparticipating	44	39	32	23	14	4	0	0	0	4	291910	4692913	510
3190R	Nonparticipating	43	38	31	22	12	1	0	0	0	4	292415	4692670	506
3191R	Nonparticipating	43	38	31	22	12	1	0	0	0	4	292402	4692668	505
3206H	Nonparticipating	44	39	32	23	14	4	0	0	0	4	292188	4693253	510
3207H	Nonparticipating	43	39	31	22	13	2	0	0	0	4	292434	4693063	510
3208H	Nonparticipating	43	39	31	22	13	2	0	0	0	4	292432	4693099	510
3212H	Nonparticipating	43	39	31	22	13	2	0	0	0	4	292566	4693264	510
3213H	Nonparticipating	43	39	31	23	13	2	0	0	0	4	292556	4693334	510
3214H	Nonparticipating	43	39	31	22	13	2	0	0	0	4	292610	4693304	510
3215H	Nonparticipating	43	39	31	23	13	3	0	0	0	4	292550	4693356	510
3216H	Nonparticipating	43	39	31	23	13	2	0	0	0	4	292555	4693276	510



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3217H	Nonparticipating	43	39	31	22	13	2	0	0	0	4	292640	4693182	510
3222R	Nonparticipating	44	40	31	22	13	3	0	0	0	4	292384	4692243	505
3235R	Nonparticipating	42	38	30	21	11	0	0	0	0	4	292369	4691848	501
3236R	Nonparticipating	42	38	30	21	11	0	0	0	0	4	292367	4691831	500
3237R	Nonparticipating	42	38	30	20	10	0	0	0	0	4	292366	4691769	499
3238R	Nonparticipating	42	38	30	20	10	0	0	0	0	4	292373	4691758	499
3249R	Nonparticipating	42	37	29	20	10	0	0	0	0	4	292458	4691626	500
3250R	Nonparticipating	42	38	30	20	10	0	0	0	0	4	292333	4691689	498
3261D	Nonparticipating	43	39	31	23	14	4	0	0	0	4	291281	4692221	549
3263B	Nonparticipating	43	38	31	22	13	2	0	0	0	4	290822	4691550	545
3274B	Nonparticipating	43	38	31	22	13	2	0	0	0	4	290796	4691447	543
3275H	Nonparticipating	53	49	37	31	23	14	0	0	0	4	289675	4691978	577
3278H	Nonparticipating	53	49	38	32	25	17	0	0	0	4	289203	4692261	566
3279H	Nonparticipating	53	49	38	32	25	17	0	0	0	4	289202	4692275	566
3281H	Nonparticipating	53	49	38	32	25	18	0	0	0	4	288854	4692308	564
3289D	Nonparticipating	54	49	38	31	25	17	0	0	0	4	288808	4691931	577
3293D	Nonparticipating	54	49	38	31	25	17	0	0	0	4	288558	4691856	581
3299H	Nonparticipating	54	50	38	32	26	18	0	0	0	4	288024	4691928	569
3300B	Nonparticipating	54	50	38	32	26	19	0	0	0	4	287682	4691960	585
3301B	Nonparticipating	54	50	39	32	26	19	0	0	0	4	287682	4692008	583
3311B	Nonparticipating	54	50	38	32	26	19	0	0	0	4	287677	4691942	586
3313H	Nonparticipating	54	49	38	32	25	18	0	0	0	4	287728	4691784	589
3318H	Nonparticipating	54	50	39	32	26	19	0	0	0	4	287284	4691997	595
3319H	Nonparticipating	48	44	36	30	24	18	0	0	0	4	286932	4691922	577
3322H	Nonparticipating	54	50	39	32	26	20	0	0	0	4	286697	4692035	566
3327H	Nonparticipating	54	50	39	32	26	20	0	0	0	4	286662	4692020	565
3329D	Nonparticipating	51	47	35	27	18	6	0	0	0	4	290591	4690502	595
3330D	Nonparticipating	51	47	35	27	18	6	0	0	0	4	290567	4690480	595
3333B	Nonparticipating	42	38	30	22	12	1	0	0	0	4	290904	4691283	544
3334B	Nonparticipating	42	38	30	22	12	1	0	0	0	4	290922	4691282	542
3335D	Nonparticipating	42	38	30	21	12	0	0	0	0	4	291260	4691265	543
3336D	Nonparticipating	42	38	30	21	12	0	0	0	0	4	291272	4691257	545
3337D	Nonparticipating	42	38	30	21	11	0	0	0	0	4	291318	4691271	543
3338H	Nonparticipating	41	36	28	19	8	0	0	0	0	4	292208	4690649	496
3339H	Nonparticipating	41	36	28	19	8	0	0	0	0	4	292205	4690674	498
3342H	Nonparticipating	41	36	28	18	7	0	0	0	0	4	292245	4690214	492
3343H	Nonparticipating	41	36	28	18	7	0	0	0	0	4	292283	4690267	492
3344H	Nonparticipating	41	36	28	18	7	0	0	0	0	4	292301	4690306	492
3349H	Nonparticipating	40	36	28	18	7	0	0	0	0	4	291939	4689912	493

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3360H	Nonparticipating	41	36	28	18	8	0	0	0	0	4	291574	4689966	492
3369B	Nonparticipating	41	36	28	19	9	0	0	0	0	4	290918	4690038	563
3370B	Nonparticipating	41	36	28	19	9	0	0	0	0	4	290901	4689996	562
3371B	Nonparticipating	41	36	28	19	9	0	0	0	0	4	290980	4689965	556
3372B	Nonparticipating	41	37	30	21	11	0	0	0	0	4	290439	4690138	581
3373B	Nonparticipating	41	36	29	19	9	0	0	0	0	4	290739	4690047	574
3374B	Nonparticipating	41	36	29	19	9	0	0	0	0	4	290728	4690036	574
3383B	Nonparticipating	41	37	30	21	11	0	0	0	0	4	290443	4690152	581
3384H	Nonparticipating	53	49	39	33	27	21	2	0	0	4	283839	4697188	475
3385H	Nonparticipating	52	48	39	33	26	19	0	0	0	4	283845	4697167	474
3386H	Nonparticipating	52	48	39	33	26	18	0	0	0	4	283836	4697146	473
3387H	Nonparticipating	52	48	39	33	26	19	0	0	0	4	283925	4697141	471
3388H	Nonparticipating	52	48	38	32	26	19	0	0	0	4	283889	4697095	471
3389H	Nonparticipating	52	48	39	32	26	19	0	0	0	4	283881	4697119	472
3390H	Nonparticipating	52	48	39	32	26	19	0	0	0	4	283908	4697131	471
3391H	Nonparticipating	52	48	39	32	26	18	0	0	0	4	283834	4697100	472
3392H	Nonparticipating	52	48	38	32	26	18	0	0	0	4	283863	4697084	471
3393H	Nonparticipating	52	48	39	32	26	18	0	0	0	4	283834	4697079	472
3394H	Nonparticipating	52	48	38	32	26	18	0	0	0	4	283831	4697057	472
3395H	Nonparticipating	52	48	38	32	26	18	0	0	0	4	283831	4697036	471
3396H	Nonparticipating	52	48	38	32	25	18	0	0	0	4	283795	4697046	472
3397H	Nonparticipating	52	48	39	32	26	18	0	0	0	4	283792	4697098	473
3398H	Nonparticipating	52	48	39	32	26	18	0	0	0	4	283795	4697121	473
3399H	Nonparticipating	52	48	39	32	26	18	0	0	0	4	283800	4697136	473
3400H	Nonparticipating	51	47	39	33	27	21	2	0	0	4	283798	4697182	476
3403H	Nonparticipating	52	48	38	32	25	18	0	0	0	4	283785	4697001	471
3404H	Nonparticipating	52	47	38	32	25	18	0	0	0	4	283782	4696973	470
3405H	Nonparticipating	52	47	38	32	25	18	0	0	0	4	283780	4696922	470
3406H	Nonparticipating	51	47	38	32	25	18	0	0	0	4	283933	4696878	467
3407H	Nonparticipating	51	47	38	32	25	18	0	0	0	4	283841	4696855	468
3408H	Nonparticipating	51	47	38	32	25	18	0	0	0	4	283887	4696859	468
3409H	Nonparticipating	51	47	38	31	25	18	0	0	0	4	283805	4696790	467
3410H	Nonparticipating	48	43	37	31	24	17	0	0	0	4	283753	4696769	465
3411H	Nonparticipating	47	43	37	30	24	17	0	0	0	4	283734	4696722	463
3412H	Nonparticipating	51	47	38	32	25	17	0	0	0	4	283660	4696784	468
3413H	Nonparticipating	52	47	38	32	25	17	0	0	0	4	283630	4696778	469
3414H	Nonparticipating	52	48	38	32	25	17	0	0	0	4	283644	4696832	469
3415H	Nonparticipating	52	47	38	32	25	17	0	0	0	4	283610	4696819	470
3416H	Nonparticipating	52	47	38	32	25	17	0	0	0	4	283586	4696814	470





Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3421H	Nonparticipating	52	48	39	32	26	19	0	0	0	4	283931	4696987	468
3422H	Nonparticipating	52	47	38	32	25	18	0	0	0	4	283816	4696885	469
3423H	Nonparticipating	52	47	39	32	26	19	0	0	0	4	283935	4697023	469
3424H	Nonparticipating	52	47	39	33	26	19	0	0	0	4	283963	4697021	468
3426H	Nonparticipating	51	47	39	33	26	19	1	0	0	4	284117	4697158	461
3427H	Nonparticipating	51	47	39	32	26	19	1	0	0	4	284111	4697145	461
3428H	Nonparticipating	51	47	39	32	26	19	1	0	0	4	284102	4697114	461
3429R	Nonparticipating	50	46	39	33	26	20	4	0	0	4	284307	4696935	505
3430R	Nonparticipating	50	46	39	33	26	20	4	0	0	4	284301	4696917	505
3432R	Nonparticipating	48	44	38	31	25	20	6	0	0	4	284028	4696473	480
3433R	Nonparticipating	49	45	38	31	25	19	3	0	0	4	284037	4696477	481
3434R	Nonparticipating	48	44	37	31	25	22	6	0	0	4	284057	4696466	483
3435R	Nonparticipating	49	45	39	33	26	21	5	0	0	4	284425	4697081	513
3438R	Nonparticipating	51	47	40	34	28	23	8	0	0	4	284675	4697156	551
3440H	Nonparticipating	51	47	40	34	28	22	6	0	0	4	284707	4698123	474
3441H	Nonparticipating	51	47	40	34	28	22	5	0	0	4	284712	4698060	474
3442H	Nonparticipating	51	47	40	35	28	22	6	0	0	4	284754	4697969	478
3443H	Nonparticipating	53	49	41	36	29	23	8	0	0	4	284848	4697977	484
3444H	Nonparticipating	52	48	40	34	28	22	5	0	0	4	284615	4698188	465
3449H	Nonparticipating	52	48	38	32	26	20	0	0	0	4	283555	4696802	470
3450H	Nonparticipating	52	48	38	32	26	20	0	0	0	4	283551	4696821	470
3451H	Nonparticipating	53	49	39	32	26	20	0	0	0	4	283506	4696794	470
3452H	Nonparticipating	53	49	39	32	26	20	0	0	0	4	283493	4696790	470
3453H	Nonparticipating	53	49	39	32	26	20	0	0	0	4	283439	4696731	470
3454H	Nonparticipating	53	49	39	33	26	20	0	0	0	4	283461	4696739	470
3455H	Nonparticipating	53	48	39	32	26	20	0	0	0	4	283480	4696744	469
3456H	Nonparticipating	53	49	39	32	26	20	0	0	0	4	283521	4696754	469
3457H	Nonparticipating	52	48	38	32	26	20	0	0	0	4	283539	4696757	469
3458H	Nonparticipating	53	48	39	32	26	20	0	0	0	4	283566	4696766	469
3459H	Nonparticipating	52	48	38	32	26	20	0	0	0	4	283588	4696767	469
3460H	Nonparticipating	53	48	39	32	26	20	0	0	0	4	283531	4696728	469
3462H	Nonparticipating	45	41	34	26	18	10	0	0	0	4	282704	4695472	424
3463H	Nonparticipating	45	41	34	26	18	10	0	0	0	4	282710	4695491	425
3464H	Nonparticipating	45	41	34	26	19	10	0	0	0	4	282708	4695507	425
3466H	Nonparticipating	48	43	34	27	18	9	0	0	0	4	282562	4695162	429
3467H	Nonparticipating	47	43	34	27	19	10	0	0	0	4	282772	4694994	460
3468H	Nonparticipating	48	43	34	27	19	10	0	0	0	4	282753	4695014	458
3469H	Nonparticipating	46	42	34	27	19	11	0	0	0	4	282899	4695197	453
3470H	Nonparticipating	46	41	34	27	19	11	0	0	0	4	282905	4695181	455

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3471H	Nonparticipating	48	43	34	27	18	9	0	0	0	4	282577	4695151	431
3473H	Nonparticipating	47	43	34	27	21	14	0	0	0	4	282964	4695003	473
3474H	Nonparticipating	47	43	34	27	21	14	0	0	0	4	282982	4695008	473
3475H	Nonparticipating	47	43	35	28	21	15	0	0	0	4	283094	4695145	489
3476H	Nonparticipating	47	43	35	28	21	14	0	0	0	4	283061	4695021	473
3477H	Nonparticipating	47	43	35	28	21	14	0	0	0	4	283049	4695023	473
3478H	Nonparticipating	47	43	35	27	21	14	0	0	0	4	282980	4695096	476
3481HH	Nonparticipating	47	43	37	30	25	21	1	0	0	4	283806	4695208	536
3482HH	Nonparticipating	47	43	38	33	27	21	1	0	0	4	283812	4695221	538
3483HH	Nonparticipating	55	51	40	35	29	23	3	0	0	4	283851	4695278	540
3484HH	Nonparticipating	55	51	41	35	29	24	5	0	0	4	283932	4695380	540
3485HH	Nonparticipating	55	51	41	35	30	24	5	0	0	4	283981	4695367	540
3487HH	Nonparticipating	58	54	45	40	36	32	20	0	0	4	285198	4695312	565
3488HH	Nonparticipating	56	52	44	39	34	30	17	0	0	4	285041	4695263	563
3494HH	Nonparticipating	51	47	39	33	28	24	8	0	0	4	284458	4695105	530
3495HH	Nonparticipating	47	42	35	29	22	15	0	0	0	4	283651	4695267	524
3496H	Nonparticipating	47	42	36	29	22	16	0	0	0	4	283736	4695067	513
3499H	Nonparticipating	46	42	35	28	21	15	0	0	0	4	283628	4694926	489
3500H	Nonparticipating	46	42	35	28	22	16	0	0	0	4	283745	4694867	494
3501H	Nonparticipating	46	42	36	29	23	17	0	0	0	4	283744	4694960	503
3502H	Nonparticipating	46	42	35	28	21	15	0	0	0	4	283730	4694820	489
3503H	Nonparticipating	46	42	35	28	21	15	0	0	0	4	283702	4694715	474
3505H	Nonparticipating	46	42	35	28	21	15	0	0	0	4	283661	4695020	501
3506H	Nonparticipating	46	42	35	28	21	14	0	0	0	4	283644	4694627	460
3508H	Nonparticipating	46	41	34	27	20	13	0	0	0	4	283295	4695025	471
3509H	Nonparticipating	46	41	34	27	20	13	0	0	0	4	283386	4694830	458
3510H	Nonparticipating	46	42	35	28	20	14	0	0	0	4	283550	4694638	458
3511H	Nonparticipating	46	42	33	26	19	11	0	0	0	4	282607	4694239	402
3512H	Nonparticipating	46	42	34	26	20	12	0	0	0	4	282802	4694253	403
3513H	Nonparticipating	46	42	34	26	20	13	0	0	0	4	282860	4694259	406
3514H	Nonparticipating	47	42	34	26	20	13	0	0	0	4	282895	4694261	406
3515H	Nonparticipating	47	42	34	26	20	13	0	0	0	4	282940	4694252	406
3516H	Nonparticipating	47	42	34	27	20	13	0	0	0	4	282981	4694277	406
3517H	Nonparticipating	47	42	34	27	20	14	0	0	0	4	283029	4694250	406
3518H	Nonparticipating	47	42	34	27	21	14	0	0	0	4	283081	4694242	406
3519H	Nonparticipating	47	42	34	26	20	13	0	0	0	4	282854	4694418	407
3520H	Nonparticipating	47	42	34	27	20	13	0	0	0	4	282969	4694387	407
3521H	Nonparticipating	45	41	34	26	19	11	0	0	0	4	283148	4694405	411
3522H	Nonparticipating	45	41	33	26	19	12	0	0	0	4	283130	4694357	407



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3523H	Nonparticipating	45	40	33	26	19	13	0	0	0	4	283078	4694395	408
3524H	Nonparticipating	47	42	34	27	20	13	0	0	0	4	282930	4694393	406
3525H	Nonparticipating	47	42	34	27	21	14	0	0	0	4	283110	4694250	406
3528H	Nonparticipating	47	43	35	28	22	16	0	0	0	4	283379	4694211	412
3529H	Nonparticipating	49	45	35	29	23	17	0	0	0	4	283511	4694055	412
3530H	Nonparticipating	47	43	35	28	22	16	0	0	0	4	283431	4694139	409
3531H	Nonparticipating	47	43	35	28	22	16	0	0	0	4	283412	4694135	409
3532H	Nonparticipating	49	45	35	29	23	16	0	0	0	4	283455	4693903	415
3533H	Nonparticipating	49	45	36	29	23	16	0	0	0	4	283501	4693904	416
3534H	Nonparticipating	49	45	36	29	23	17	0	0	0	4	283528	4693891	416
3535R	Nonparticipating	51	47	36	29	22	13	0	0	0	4	282594	4693769	478
3536H	Nonparticipating	49	45	36	29	24	18	0	0	0	4	283729	4694075	416
3537H	Nonparticipating	48	43	36	29	23	17	0	0	0	4	283685	4694083	414
3538H	Nonparticipating	50	46	37	31	25	19	0	0	0	4	284060	4693777	419
3539H	Nonparticipating	51	46	37	31	25	20	0	0	0	4	284080	4693763	419
3540H	Nonparticipating	51	46	37	31	25	20	1	0	0	4	284212	4693691	419
3541H	Nonparticipating	51	47	37	31	25	20	1	0	0	4	284246	4693684	419
3543H	Nonparticipating	52	47	38	32	27	23	6	0	0	4	284594	4693650	419
3544H	Nonparticipating	52	48	38	33	28	23	6	0	0	4	284596	4693708	422
3545H	Nonparticipating	51	47	37	31	26	21	3	0	0	4	284332	4693743	419
3555H	Nonparticipating	51	47	37	31	26	21	3	0	0	4	284364	4693741	420
3556H	Nonparticipating	51	47	38	32	29	26	12	0	0	4	285093	4693675	425
3559H	Nonparticipating	52	48	39	33	29	25	10	0	0	4	285078	4693463	431
3560H	Nonparticipating	52	48	39	33	29	25	10	0	0	4	285065	4693491	430
3561H	Nonparticipating	53	48	40	34	31	28	16	0	0	4	285443	4693698	434
3562H	Nonparticipating	52	48	39	33	30	27	14	0	0	4	285428	4693584	427
3563H	Nonparticipating	52	48	39	34	31	28	16	0	0	4	285570	4693564	431
3564H	Nonparticipating	52	48	39	33	30	27	14	0	0	4	285212	4693803	440
3565H	Nonparticipating	50	46	39	33	29	26	13	0	0	4	285218	4693819	442
3566H	Nonparticipating	52	48	39	34	30	27	15	0	0	4	285304	4693745	434
3568H	Nonparticipating	53	49	40	35	32	29	18	0	0	4	285458	4693817	446
3571H	Nonparticipating	53	48	40	34	31	28	17	0	0	4	285468	4693715	436
3572H	Nonparticipating	52	48	39	33	30	27	15	0	0	4	285489	4693566	429
3575H	Nonparticipating	54	49	41	35	32	30	19	0	0	4	285834	4693635	431
3576H	Nonparticipating	53	48	40	34	31	29	17	0	0	4	285675	4693570	431
3577H	Nonparticipating	52	48	40	34	31	28	16	0	0	4	285611	4693562	432
3578H	Nonparticipating	53	48	40	34	31	28	16	0	0	4	285645	4693570	432
3580H	Nonparticipating	53	49	39	34	30	26	11	0	0	4	285439	4693317	456
3581H	Nonparticipating	53	49	39	34	30	26	11	0	0	4	285460	4693266	464

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3582H	Nonparticipating	53	49	39	34	30	26	11	0	0	4	285458	4693252	466
3584H	Nonparticipating	52	47	38	32	28	23	7	0	0	4	285410	4693009	485
3585R	Nonparticipating	46	41	35	28	22	17	0	0	0	4	285224	4692708	458
3586R	Nonparticipating	46	42	35	28	23	19	1	0	0	4	285234	4692733	461
3587R	Nonparticipating	48	43	35	29	23	20	2	0	0	4	285206	4692814	457
3588R	Nonparticipating	47	43	35	28	21	16	0	0	0	4	285200	4692500	456
3589R	Nonparticipating	50	46	36	30	24	19	0	0	0	4	285102	4692481	451
3590R	Nonparticipating	50	45	36	29	24	19	0	0	0	4	285201	4692411	462
3593R	Nonparticipating	43	39	31	23	15	5	0	0	0	4	282530	4693361	464
3594D	Nonparticipating	52	48	36	29	22	13	0	0	0	4	283609	4692236	557
3595D	Nonparticipating	52	48	36	29	22	13	0	0	0	4	283566	4692238	556
3596D	Nonparticipating	52	48	36	29	22	13	0	0	0	4	283528	4692251	555
3598D	Nonparticipating	52	48	36	29	21	12	0	0	0	4	284031	4691545	572
3599D	Nonparticipating	52	48	36	29	21	12	0	0	0	4	283926	4691541	581
3600W	Nonparticipating	52	47	36	28	21	11	0	0	0	4	283671	4691605	601
3604R	Nonparticipating	44	40	33	25	18	11	0	0	0	4	285418	4691918	477
3605R	Nonparticipating	44	40	33	25	18	11	0	0	0	4	285382	4691898	474
3606R	Nonparticipating	47	43	34	27	20	13	0	0	0	4	285276	4692053	473
3611R	Nonparticipating	46	42	34	26	20	13	0	0	0	4	285397	4692098	478
3612H	Nonparticipating	46	42	36	30	24	19	0	0	0	4	285688	4692337	530
3614H	Nonparticipating	54	50	38	32	26	19	0	0	0	4	286105	4692053	558
3616R	Nonparticipating	44	40	32	25	17	10	0	0	0	4	285870	4691599	491
3617R	Nonparticipating	44	39	32	25	17	9	0	0	0	4	285725	4691551	480
3621B	Nonparticipating	43	39	31	23	15	6	0	0	0	4	287709	4690945	559
3622B	Nonparticipating	43	39	31	23	15	6	0	0	0	4	287696	4690859	553
3623B	Nonparticipating	43	39	32	24	16	7	0	0	0	4	287704	4691114	568
3624B	Nonparticipating	43	39	32	24	16	7	0	0	0	4	287707	4691144	570
3625B	Nonparticipating	43	39	32	24	16	7	0	0	0	4	287741	4691147	573
3626B	Nonparticipating	43	39	32	24	16	7	0	0	0	4	287731	4691148	572
3640D	Nonparticipating	50	46	36	28	22	14	0	0	0	4	295714	4710018	431
3651D	Nonparticipating	50	46	36	29	22	14	0	0	0	4	295596	4709780	427
3652D	Nonparticipating	50	46	36	29	23	15	0	0	0	4	295577	4709686	421
3653D	Nonparticipating	51	46	37	30	24	16	0	0	0	4	295552	4709616	421
3657D	Nonparticipating	51	47	36	29	23	14	0	0	0	4	295729	4709857	418
3666H	Nonparticipating	57	52	43	38	36	33	22	0	0	4	293416	4709728	425
3667H	Nonparticipating	57	52	43	37	35	33	22	0	0	4	293400	4709780	427
3668H	Nonparticipating	62	57	48	43	41	40	32	12	0	4	292730	4709631	478
3670H	Nonparticipating	61	57	48	43	41	40	32	13	0	4	292834	4709551	469
3687H	Nonparticipating	57	53	44	38	36	34	24	0	0	4	293622	4709275	417

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3688D	Nonparticipating	51	46	37	31	25	17	0	0	0	4	295584	4709570	414
3689D	Nonparticipating	53	48	38	31	25	18	0	0	0	4	295565	4709516	413
3702B	Nonparticipating	52	48	37	30	25	17	0	0	0	4	296004	4709305	398
3706H	Nonparticipating	52	48	37	30	24	16	0	0	0	4	296279	4709427	397
3707H	Nonparticipating	52	47	36	29	23	14	0	0	0	4	296347	4709484	396
3708H	Nonparticipating	52	47	36	29	23	14	0	0	0	4	296393	4709529	396
3709H	Nonparticipating	53	49	38	31	25	16	0	0	0	4	296601	4709011	487
3714H	Nonparticipating	53	49	38	31	26	19	0	0	0	4	295750	4709201	397
3715H	Nonparticipating	53	49	38	32	26	20	0	0	0	4	295640	4709126	396
3716H	Nonparticipating	53	48	38	31	26	19	0	0	0	4	295607	4709068	394
3717H	Nonparticipating	53	49	38	32	26	20	0	0	0	4	295567	4709054	394
3718H	Nonparticipating	54	49	39	32	27	21	0	0	0	4	295480	4709082	395
3726H	Nonparticipating	57	53	44	38	36	34	23	0	0	4	293699	4709092	415
3727H	Nonparticipating	57	52	43	38	35	33	23	0	0	4	293672	4709021	417
3728H	Nonparticipating	57	53	43	38	35	33	22	0	0	4	293790	4709043	413
3729H	Nonparticipating	57	53	43	38	35	33	22	0	0	4	293781	4709064	413
3730H	Nonparticipating	57	53	43	38	35	33	22	0	0	4	293752	4709113	413
3731H	Nonparticipating	56	52	43	38	35	33	23	0	0	4	293633	4709230	416
3732H	Nonparticipating	57	53	44	38	36	34	23	0	0	4	293659	4709196	416
3742H	Nonparticipating	57	52	43	37	35	32	20	0	0	4	293882	4708862	411
3743H	Nonparticipating	57	52	43	37	35	32	20	0	0	4	293891	4708825	411
3744H	Nonparticipating	57	52	43	37	35	32	20	0	0	4	293898	4708810	409
3745H	Nonparticipating	57	53	43	37	34	31	20	0	0	4	293919	4708780	408
3746H	Nonparticipating	57	53	43	37	34	31	19	0	0	4	293936	4708731	409
3747H	Nonparticipating	57	53	43	37	34	31	19	0	0	4	293948	4708710	408
3748H	Nonparticipating	57	52	43	37	34	31	19	0	0	4	293954	4708693	408
3749H	Nonparticipating	57	52	43	37	34	31	19	0	0	4	293962	4708679	408
3750H	Nonparticipating	57	53	43	38	34	31	19	0	0	4	293913	4708674	409
3751H	Nonparticipating	57	53	43	38	35	32	20	0	0	4	293895	4708697	410
3752H	Nonparticipating	57	53	43	38	35	32	20	0	0	4	293889	4708715	410
3753H	Nonparticipating	57	53	43	38	35	32	20	0	0	4	293881	4708734	411
3754H	Nonparticipating	57	53	43	38	35	32	21	0	0	4	293835	4708836	413
3755H	Nonparticipating	57	53	43	38	35	33	21	0	0	4	293816	4708816	414
3758H	Nonparticipating	57	53	43	38	35	33	22	0	0	4	293799	4708899	415
3769H	Nonparticipating	57	53	43	37	34	31	19	0	0	4	293923	4708647	409
3772H	Nonparticipating	55	51	41	34	30	24	5	0	0	4	294979	4708795	396
3773H	Nonparticipating	55	51	40	34	29	24	4	0	0	4	295032	4708810	396
3774H	Nonparticipating	55	50	40	34	29	24	4	0	0	4	295055	4708820	396
3781H	Nonparticipating	55	51	41	35	30	25	6	0	0	4	294861	4708736	398

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3793H	Nonparticipating	55	51	40	34	29	23	1	0	0	4	295241	4708725	412
3794H	Nonparticipating	55	51	40	34	29	23	2	0	0	4	295179	4708712	408
3795H	Nonparticipating	55	51	40	34	29	23	2	0	0	4	295231	4708691	411
3796H	Nonparticipating	55	51	40	34	29	23	2	0	0	4	295224	4708668	411
3797H	Nonparticipating	55	51	40	34	29	23	2	0	0	4	295224	4708648	411
3798H	Nonparticipating	55	51	40	34	29	23	2	0	0	4	295176	4708666	409
3799H	Nonparticipating	55	51	41	34	29	23	2	0	0	4	295167	4708632	409
3800H	Nonparticipating	55	51	41	34	30	24	3	0	0	4	295103	4708626	407
3801H	Nonparticipating	55	51	40	34	29	23	2	0	0	4	295215	4708626	411
3802W	Nonparticipating	54	50	39	33	27	19	0	0	0	4	296179	4708433	491
3804H	Nonparticipating	54	50	39	33	28	21	0	0	0	4	295709	4708526	457
3805H	Nonparticipating	55	51	40	34	29	23	0	0	0	4	295361	4708527	416
3806H	Nonparticipating	55	51	40	34	29	23	0	0	0	4	295353	4708572	415
3807H	Nonparticipating	55	51	40	34	29	23	1	0	0	4	295304	4708582	414
3808H	Nonparticipating	55	51	40	34	29	23	1	0	0	4	295295	4708541	414
3809H	Nonparticipating	55	51	40	34	29	23	1	0	0	4	295311	4708538	414
3810H	Nonparticipating	55	51	40	34	29	22	0	0	0	4	295398	4708523	417
3811H	Nonparticipating	55	51	40	34	29	23	0	0	0	4	295405	4708363	416
3812H	Nonparticipating	55	50	40	34	28	22	0	0	0	4	295508	4708385	422
3813H	Nonparticipating	55	51	40	34	29	23	1	0	0	4	295375	4708316	412
3814H	Nonparticipating	55	51	40	34	29	23	1	0	0	4	295358	4708318	412
3815H	Nonparticipating	55	51	41	34	29	23	1	0	0	4	295307	4708326	410
3816H	Nonparticipating	55	51	41	35	30	24	2	0	0	4	295232	4708329	407
3817H	Nonparticipating	55	51	41	34	30	23	2	0	0	4	295251	4708371	410
3818H	Nonparticipating	55	51	41	35	30	24	2	0	0	4	295211	4708365	408
3819H	Nonparticipating	55	51	41	35	30	24	2	0	0	4	295187	4708368	408
3820H	Nonparticipating	55	51	41	35	30	24	3	0	0	4	295137	4708369	406
3821H	Nonparticipating	55	51	41	35	30	24	3	0	0	4	295160	4708387	407
3822H	Nonparticipating	55	51	41	35	30	24	3	0	0	4	295159	4708404	408
3823H	Nonparticipating	56	51	41	35	30	24	3	0	0	4	295167	4708425	408
3824H	Nonparticipating	55	51	41	35	30	24	2	0	0	4	295182	4708456	409
3825H	Nonparticipating	55	51	41	34	30	24	2	0	0	4	295184	4708487	409
3826H	Nonparticipating	55	51	41	34	30	23	2	0	0	4	295193	4708528	410
3827H	Nonparticipating	55	51	41	34	29	23	2	0	0	4	295198	4708552	411
3828H	Nonparticipating	55	51	40	34	29	23	2	0	0	4	295250	4708543	412
3829H	Nonparticipating	55	51	40	34	29	23	1	0	0	4	295274	4708541	413
3830H	Nonparticipating	55	51	40	34	29	23	2	0	0	4	295209	4708595	411
3831H	Nonparticipating	55	51	41	34	30	24	3	0	0	4	295101	4708572	406
3832H	Nonparticipating	55	51	41	34	30	24	3	0	0	4	295150	4708542	408

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3833H	Nonparticipating	55	51	41	35	30	24	3	0	0	4	295117	4708451	406
3834H	Nonparticipating	56	51	41	35	30	24	3	0	0	4	295114	4708427	406
3845H	Nonparticipating	55	51	41	35	30	24	3	0	0	4	295195	4708278	406
3846H	Nonparticipating	55	51	41	35	30	24	3	0	0	4	295174	4708341	406
3847H	Nonparticipating	55	51	40	34	29	23	1	0	0	4	295372	4708291	412
3848H	Nonparticipating	55	51	40	34	29	23	1	0	0	4	295342	4708364	413
3849H	Nonparticipating	55	51	41	35	30	24	2	0	0	4	295262	4708292	406
3850H	Nonparticipating	56	51	41	35	30	24	3	0	0	4	295121	4708285	406
3851H	Nonparticipating	55	51	41	35	30	24	2	0	0	4	295200	4708335	407
3860H	Nonparticipating	55	51	41	34	30	24	3	0	0	4	295159	4708594	409
3861H	Nonparticipating	55	51	41	34	30	24	3	0	0	4	295157	4708614	409
3862H	Nonparticipating	55	51	41	35	30	24	4	0	0	4	295071	4708622	406
3863H	Nonparticipating	55	51	41	35	30	24	4	0	0	4	295047	4708623	406
3864H	Nonparticipating	56	51	41	35	30	24	4	0	0	4	295001	4708600	406
3865H	Nonparticipating	56	51	41	35	30	24	4	0	0	4	295001	4708548	406
3866H	Nonparticipating	56	51	41	35	30	25	4	0	0	4	294997	4708502	406
3867H	Nonparticipating	56	51	41	35	30	25	4	0	0	4	294999	4708474	406
3868H	Nonparticipating	56	51	41	35	30	24	4	0	0	4	295034	4708446	406
3869H	Nonparticipating	56	51	41	35	30	24	4	0	0	4	295041	4708487	406
3870H	Nonparticipating	56	51	41	35	30	24	4	0	0	4	295045	4708507	406
3871H	Nonparticipating	56	51	41	35	30	24	4	0	0	4	295045	4708527	406
3872H	Nonparticipating	55	51	41	35	30	24	4	0	0	4	295049	4708547	406
3873H	Nonparticipating	55	51	41	35	30	24	4	0	0	4	295056	4708580	406
3874H	Nonparticipating	56	51	41	35	30	25	4	0	0	4	295028	4708390	406
3875H	Nonparticipating	56	51	41	35	30	25	4	0	0	4	295001	4708388	405
3876H	Nonparticipating	56	51	41	35	30	25	5	0	0	4	294978	4708393	405
3877H	Nonparticipating	56	51	41	35	30	25	5	0	0	4	294949	4708393	405
3878H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294893	4708402	404
3879H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294879	4708428	405
3880H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294853	4708407	405
3881H	Nonparticipating	56	52	41	35	31	26	6	0	0	4	294820	4708458	406
3882H	Nonparticipating	56	52	41	35	31	26	7	0	0	4	294798	4708401	405
3883H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294770	4708406	405
3884H	Nonparticipating	56	51	41	35	31	25	5	0	0	4	294944	4708344	404
3885H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294905	4708349	403
3886H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294863	4708349	403
3887H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294847	4708349	403
3888H	Nonparticipating	56	52	41	35	31	26	6	0	0	4	294834	4708351	404
3889H	Nonparticipating	56	52	41	36	31	26	7	0	0	4	294816	4708352	404

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3898H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294745	4708314	402
3899H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294858	4708293	402
3900H	Nonparticipating	56	51	41	35	31	25	6	0	0	4	294904	4708293	403
3910H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294638	4708404	400
3911H	Nonparticipating	56	52	42	36	32	26	8	0	0	4	294657	4708401	402
3912H	Nonparticipating	56	52	42	36	31	26	8	0	0	4	294681	4708401	402
3913H	Nonparticipating	56	52	42	36	31	26	8	0	0	4	294700	4708403	403
3914H	Nonparticipating	56	52	42	36	32	26	8	0	0	4	294674	4708351	401
3915H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294635	4708355	400
3916H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294620	4708360	398
3917H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294576	4708360	395
3918H	Nonparticipating	56	52	42	36	32	27	11	0	0	4	294430	4708413	395
3919H	Nonparticipating	57	52	42	36	32	27	11	0	0	4	294473	4708448	394
3920H	Nonparticipating	56	52	42	36	31	26	8	0	0	4	294702	4708332	401
3921H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294616	4708323	399
3922H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294612	4708303	399
3940H	Nonparticipating	56	52	42	36	32	27	10	0	0	4	294513	4708584	394
3941H	Nonparticipating	56	52	42	36	32	28	13	0	0	4	294327	4708496	397
3942H	Nonparticipating	56	52	42	36	32	28	13	0	0	4	294313	4708512	398
3943H	Nonparticipating	56	52	42	36	33	28	13	0	0	4	294293	4708512	398
3944H	Nonparticipating	57	52	42	36	33	28	13	0	0	4	294272	4708518	398
3945H	Nonparticipating	57	52	42	37	33	29	14	0	0	4	294248	4708528	399
3946H	Nonparticipating	57	52	42	37	33	29	14	0	0	4	294233	4708538	399
3947H	Nonparticipating	57	52	42	37	33	29	14	0	0	4	294212	4708543	400
3948H	Nonparticipating	57	52	43	37	33	29	15	0	0	4	294187	4708549	400
3949H	Nonparticipating	57	52	43	37	33	29	15	0	0	4	294170	4708556	400
3950H	Nonparticipating	57	52	43	37	33	29	15	0	0	4	294151	4708578	400
3951H	Nonparticipating	56	52	42	36	32	28	12	0	0	4	294340	4708442	396
3952H	Nonparticipating	56	52	42	36	32	28	13	0	0	4	294318	4708450	397
3953H	Nonparticipating	56	52	42	36	33	28	13	0	0	4	294299	4708460	397
3954H	Nonparticipating	57	52	42	37	33	28	13	0	0	4	294275	4708466	398
3955H	Nonparticipating	57	52	42	37	33	29	14	0	0	4	294228	4708478	399
3956H	Nonparticipating	57	52	42	37	33	29	14	0	0	4	294206	4708489	399
3957H	Nonparticipating	57	52	43	37	33	29	15	0	0	4	294175	4708488	400
3958H	Nonparticipating	57	52	43	37	33	29	15	0	0	4	294149	4708429	399
3959H	Nonparticipating	57	52	43	37	33	29	14	0	0	4	294179	4708414	399
3960H	Nonparticipating	57	53	43	37	33	29	14	0	0	4	294157	4708386	399
3961H	Nonparticipating	57	52	43	37	33	29	15	0	0	4	294135	4708395	399
3962H	Nonparticipating	57	52	43	37	33	29	14	0	0	4	294186	4708357	398





Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
3963H	Nonparticipating	57	53	43	37	33	29	14	0	0	4	294179	4708339	398
3964H	Nonparticipating	57	52	43	37	33	29	14	0	0	4	294191	4708377	398
3965H	Nonparticipating	57	52	42	37	33	29	13	0	0	4	294236	4708359	397
3968H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294980	4707931	400
3969H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294900	4707874	400
3970H	Nonparticipating	56	52	42	36	32	26	7	0	0	4	294845	4707873	400
3971H	Nonparticipating	56	52	42	36	32	26	7	0	0	4	294897	4707846	400
3972H	Nonparticipating	56	52	42	36	32	26	7	0	0	4	294894	4707807	399
3973H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294843	4707807	400
3974H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294836	4707779	399
3975H	Nonparticipating	56	52	42	36	32	26	8	0	0	4	294893	4707774	398
3976H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294888	4707732	398
3977H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294814	4707697	398
3978H	Nonparticipating	57	52	42	37	32	27	9	0	0	4	294766	4707695	398
3979H	Nonparticipating	57	52	42	37	32	28	10	0	0	4	294690	4707697	399
3980H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294966	4707610	394
3981H	Nonparticipating	57	53	43	37	33	28	12	0	0	4	294504	4707656	396
3982H	Nonparticipating	57	53	43	37	33	29	12	0	0	4	294449	4707666	395
3983H	Nonparticipating	57	53	43	37	33	29	12	0	0	4	294439	4707719	396
3984H	Nonparticipating	57	53	43	37	33	28	11	0	0	4	294447	4707860	396
3985H	Nonparticipating	57	53	43	37	33	28	11	0	0	4	294452	4707928	396
3986H	Nonparticipating	57	53	43	37	33	28	11	0	0	4	294462	4707894	396
3987H	Nonparticipating	57	53	43	37	33	29	11	0	0	4	294395	4707820	395
4010H	Nonparticipating	58	53	44	39	36	33	21	0	0	4	293216	4707980	445
4015HH	Nonparticipating	58	54	45	40	37	35	24	0	0	4	292734	4707981	456
4016HH	Nonparticipating	58	54	45	40	37	35	24	0	0	4	292777	4707978	457
4017HH	Nonparticipating	58	54	45	40	37	35	24	0	0	4	292702	4707979	458
4018HH	Nonparticipating	59	55	46	41	38	35	23	0	0	4	292357	4707880	474
4021HH	Nonparticipating	57	53	45	40	35	31	20	0	0	4	292664	4707442	451
4025H	Nonparticipating	57	53	44	39	35	32	18	0	0	4	293512	4707443	434
4031H	Nonparticipating	55	51	41	35	30	25	7	0	0	4	295696	4706865	400
4032H	Nonparticipating	56	51	41	35	31	26	8	0	0	4	295649	4706761	399
4033H	Nonparticipating	56	52	42	36	31	27	9	0	0	4	295585	4706707	396
4034H	Nonparticipating	56	51	41	35	31	26	8	0	0	4	295680	4706647	396
4035H	Nonparticipating	56	51	41	36	31	26	8	0	0	4	295603	4706825	399
4036H	Nonparticipating	55	51	41	35	31	26	7	0	0	4	295611	4706911	407
4043H	Nonparticipating	54	50	40	34	30	25	5	0	0	4	296035	4706497	399
4044H	Nonparticipating	56	51	41	35	31	26	8	0	0	4	295846	4706460	398
4048H	Nonparticipating	60	56	47	42	40	38	29	8	0	4	293615	4706755	425

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
4049H	Nonparticipating	60	56	47	42	39	37	29	6	0	4	293344	4706776	440
4050H	Nonparticipating	59	55	46	41	38	36	25	0	0	4	293445	4706973	433
4051H	Nonparticipating	60	56	47	42	40	37	28	5	0	4	293415	4706821	434
4052H	Nonparticipating	60	56	47	42	39	37	28	6	0	4	293400	4706807	436
4053H	Nonparticipating	60	56	47	42	39	38	29	9	0	4	293372	4706725	435
4054HH	Nonparticipating	60	56	47	43	40	38	30	9	0	4	293222	4706665	442
4056H	Nonparticipating	59	55	47	42	39	36	27	4	0	4	293318	4706830	445
4057H	Nonparticipating	59	55	47	42	39	36	27	3	0	4	293295	4706837	449
4058HH	Nonparticipating	61	57	48	44	40	37	29	4	0	4	292775	4706326	451
4059H	Nonparticipating	58	54	45	39	37	35	24	0	0	4	294629	4706241	404
4066H	Nonparticipating	56	52	42	37	33	29	14	0	0	4	295387	4706274	389
4067H	Nonparticipating	57	52	43	37	33	30	14	0	0	4	295402	4706191	390
4074H	Nonparticipating	55	51	41	35	31	26	7	0	0	4	296161	4705918	395
4083HH	Nonparticipating	61	57	49	45	41	37	31	11	0	4	292794	4705547	510
4084HH	Nonparticipating	60	57	48	45	40	36	29	5	0	4	292697	4705255	515
4085HH	Nonparticipating	60	57	48	45	40	36	29	6	0	4	292680	4705343	503
4086H	Nonparticipating	56	52	43	38	35	33	22	0	0	4	295386	4704945	400
4087H	Nonparticipating	55	50	42	36	34	31	20	0	0	4	295384	4704918	400
4088H	Nonparticipating	55	50	42	36	34	31	20	0	0	4	295396	4704824	409
4092H	Nonparticipating	54	50	40	33	29	25	6	0	0	4	296579	4704596	385
4093H	Nonparticipating	55	51	41	34	31	26	9	0	0	4	296348	4705041	388
4094H	Nonparticipating	54	50	40	33	29	25	6	0	0	4	296579	4704596	385
4095H	Nonparticipating	54	50	40	34	29	25	6	0	0	4	296555	4704635	386
4096H	Nonparticipating	54	49	40	34	31	27	11	0	0	4	296179	4704141	388
4097H	Nonparticipating	54	50	40	34	30	26	9	0	0	4	296277	4704052	388
4098H	Nonparticipating	54	50	41	34	31	27	12	0	0	4	296100	4704044	400
4099H	Nonparticipating	54	50	41	35	32	29	16	0	0	4	295731	4704004	405
4102H	Nonparticipating	54	50	41	35	32	30	17	0	0	4	295708	4704063	406
4106HH	Nonparticipating	60	56	47	43	40	38	30	9	0	4	293891	4703778	481
4109HH	Nonparticipating	53	48	41	35	30	26	14	0	0	4	294819	4703502	428
4114HH	Nonparticipating	53	49	42	36	32	28	17	0	0	4	294665	4703377	424
4118H	Nonparticipating	45	40	33	24	15	4	0	0	0	4	296292	4700074	414
4119H	Nonparticipating	45	41	33	25	16	6	0	0	0	4	295752	4700274	406
4120H	Nonparticipating	45	41	33	25	16	6	0	0	0	4	295778	4700287	406
4123W	Nonparticipating	51	47	36	28	20	10	0	0	0	4	295815	4699873	492
4124W	Nonparticipating	51	47	36	28	20	10	0	0	0	4	295788	4699887	491
4125W	Nonparticipating	49	44	34	26	18	7	0	0	0	4	296387	4699799	473
4126H	Nonparticipating	44	40	32	23	14	3	0	0	0	4	296634	4700017	399
4128H	Nonparticipating	52	48	39	34	29	24	9	0	0	4	290999	4710800	473



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
4129H	Nonparticipating	52	48	39	34	29	25	9	0	0	4	291042	4710768	472
4130H	Nonparticipating	53	48	40	34	30	26	10	0	0	4	291174	4710689	465
4131H	Nonparticipating	56	52	43	38	34	30	17	0	0	4	291652	4710384	455
4138H	Nonparticipating	55	51	41	36	32	29	14	0	0	4	292562	4710667	459
4139H	Nonparticipating	55	51	41	35	32	28	14	0	0	4	293153	4710574	464
4142HH	Nonparticipating	53	49	39	33	29	25	8	0	0	4	293883	4710560	432
4143HH	Nonparticipating	51	47	38	31	27	23	6	0	0	4	293793	4710777	438
4152D	Nonparticipating	44	40	34	25	18	9	0	0	0	4	296013	4710783	422
4156D	Nonparticipating	46	42	34	26	20	12	0	0	0	4	295841	4710292	430
4160HH	Nonparticipating	54	50	41	35	31	27	12	0	0	4	293787	4710314	433
4161HH	Nonparticipating	55	51	41	35	32	28	13	0	0	4	293777	4710255	432
4162HH	Nonparticipating	54	49	40	34	31	27	11	0	0	4	293801	4710361	429
4164H	Nonparticipating	56	52	42	37	34	31	18	0	0	4	293028	4710317	439
4165H	Nonparticipating	56	51	42	36	33	30	17	0	0	4	293109	4710355	443
4166H	Nonparticipating	56	51	42	36	33	30	16	0	0	4	293104	4710397	443
4168H	Nonparticipating	55	51	42	37	34	31	18	0	0	4	292662	4710431	449
4175H	Nonparticipating	55	51	42	37	33	30	18	0	0	4	291825	4710231	458
4176H	Nonparticipating	55	51	42	37	33	30	18	0	0	4	291886	4710210	458
4180H	Nonparticipating	55	51	43	38	34	32	20	0	0	4	292064	4710121	457
4181H	Nonparticipating	53	49	42	36	32	29	19	0	0	4	291930	4710115	461
4190H	Nonparticipating	55	51	42	37	34	32	21	0	0	4	292518	4710167	443
4191H	Nonparticipating	52	48	41	35	31	29	18	0	0	4	292403	4710047	458
4192H	Nonparticipating	55	51	43	37	34	32	21	0	0	4	292249	4710159	450
4193H	Nonparticipating	52	48	40	35	30	27	16	0	0	4	292834	4710134	437
4194H	Nonparticipating	52	47	40	34	30	27	15	0	0	4	292730	4710090	443
4207H	Nonparticipating	56	51	42	36	33	30	16	0	0	4	293553	4710121	424
4208H	Nonparticipating	50	46	40	34	31	29	17	0	0	4	293301	4709951	430
4209H	Nonparticipating	56	52	42	36	34	31	20	0	0	4	293407	4709948	425
4210HH	Nonparticipating	55	51	41	36	33	29	16	0	0	4	293725	4710013	424
4223H	Nonparticipating	57	52	43	37	34	31	18	0	0	4	293991	4708566	407
4224H	Nonparticipating	57	52	43	37	34	31	18	0	0	4	293982	4708536	407
4225H	Nonparticipating	57	53	43	37	34	31	18	0	0	4	293974	4708491	407
4226H	Nonparticipating	57	53	43	37	34	31	17	0	0	4	293970	4708459	407
4227H	Nonparticipating	57	53	43	37	34	31	17	0	0	4	293962	4708424	407
4229H	Nonparticipating	57	52	43	37	34	30	17	0	0	4	293914	4708338	409
4230H	Nonparticipating	57	53	43	37	34	31	19	0	0	4	293943	4708593	408
4240L	Nonparticipating	55	51	43	38	32	27	13	0	0	4	289242	4708455	527
4241L	Nonparticipating	52	47	40	34	28	23	9	0	0	4	289311	4708447	528
4242L	Nonparticipating	56	52	44	38	33	28	14	0	0	4	289228	4708460	527

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
4249H	Nonparticipating	60	55	46	41	38	35	25	1	0	4	293282	4708275	475
4251H	Nonparticipating	56	52	43	37	34	30	18	0	0	4	293833	4708251	411
4252H	Nonparticipating	55	50	42	36	32	28	14	0	0	4	293798	4708251	412
4253H	Nonparticipating	57	53	43	37	34	30	17	0	0	4	293904	4708278	409
4254H	Nonparticipating	57	52	43	37	34	30	17	0	0	4	293902	4708300	409
4261H	Nonparticipating	56	52	43	37	33	30	15	0	0	4	293920	4708064	406
4262H	Nonparticipating	56	52	43	37	34	30	16	0	0	4	293862	4708030	406
4268H	Nonparticipating	56	52	42	36	32	27	10	0	0	4	294529	4708254	396
4269H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294562	4708254	398
4270H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294552	4708214	398
4271H	Nonparticipating	57	52	42	36	32	27	10	0	0	4	294530	4708158	398
4272H	Nonparticipating	57	52	42	37	32	28	10	0	0	4	294498	4708095	396
4273H	Nonparticipating	57	52	42	36	32	27	9	0	0	4	294576	4708110	400
4274H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294574	4708147	400
4275H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294581	4708167	400
4276H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294598	4708238	400
4277H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294617	4708228	400
4278H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294611	4708277	400
4279H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294653	4708274	400
4280H	Nonparticipating	56	52	42	36	31	26	8	0	0	4	294706	4708267	400
4281H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294748	4708265	400
4282H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294751	4708294	401
4283H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294778	4708263	401
4284H	Nonparticipating	56	52	41	35	31	26	6	0	0	4	294856	4708267	402
4285H	Nonparticipating	56	52	41	35	31	26	6	0	0	4	294862	4708251	402
4286H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294902	4708266	402
4287H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294900	4708239	402
4288H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294898	4708222	402
4289H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294901	4708196	401
4290H	Nonparticipating	56	52	41	35	31	25	6	0	0	4	294900	4708183	401
4291H	Nonparticipating	56	52	41	36	31	26	6	0	0	4	294900	4708142	400
4292H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294889	4708090	400
4293H	Nonparticipating	56	52	41	36	31	26	6	0	0	4	294860	4708218	401
4294H	Nonparticipating	56	52	41	36	31	26	6	0	0	4	294856	4708195	401
4295H	Nonparticipating	56	52	41	36	31	26	6	0	0	4	294859	4708171	400
4296H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294852	4708156	400
4297H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294850	4708136	400
4298H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294755	4708122	400
4299H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294747	4708160	400



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
4300H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294746	4708182	400
4301H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294744	4708220	400
4302H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294796	4708222	400
4303H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294819	4708220	401
4304H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294680	4708117	400
4305H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294688	4708166	400
4306H	Nonparticipating	56	52	42	36	32	26	8	0	0	4	294700	4708205	400
4307H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294650	4708223	400
4308H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294629	4708114	400
4309H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294703	4708051	400
4310H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294727	4708054	400
4311H	Nonparticipating	56	52	42	36	32	26	7	0	0	4	294770	4708050	400
4312H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294789	4708051	400
4313H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294806	4708050	400
4314H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294828	4708048	400
4315H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294863	4708043	400
4316H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294887	4708042	400
4317H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294905	4708040	400
4318H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294924	4708043	400
4321H	Nonparticipating	57	52	42	37	33	28	10	0	0	4	294481	4708015	396
4322H	Nonparticipating	56	51	41	35	30	25	4	0	0	4	295061	4708242	405
4324H	Nonparticipating	56	51	41	35	30	24	4	0	0	4	295066	4708284	406
4325H	Nonparticipating	56	51	41	35	30	25	4	0	0	4	295062	4708268	405
4326H	Nonparticipating	56	51	41	35	30	25	4	0	0	4	295080	4708150	402
4327H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294943	4708039	400
4328H	Nonparticipating	56	52	41	35	31	25	5	0	0	4	294981	4708039	400
4329H	Nonparticipating	56	52	41	36	31	25	5	0	0	4	294986	4708013	400
4330H	Nonparticipating	56	52	41	35	31	25	5	0	0	4	295035	4708037	400
4339H	Nonparticipating	56	52	41	35	31	25	5	0	0	4	295026	4707997	400
4340H	Nonparticipating	56	52	41	36	31	25	5	0	0	4	295023	4707976	400
4341H	Nonparticipating	56	52	41	36	31	25	5	0	0	4	295027	4707956	400
4342H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294961	4707982	400
4343W	Nonparticipating	48	44	38	31	25	18	0	0	0	4	295870	4708249	496
4344W	Nonparticipating	51	47	37	30	24	17	0	0	0	4	296398	4708188	432
4345W	Nonparticipating	50	46	36	30	23	16	0	0	0	4	296484	4708131	440
4349W	Nonparticipating	53	49	38	31	25	16	0	0	0	4	296779	4708332	471
4350W	Nonparticipating	52	48	38	31	25	18	0	0	0	4	296353	4707929	448
4351W	Nonparticipating	51	46	37	30	24	18	0	0	0	4	296284	4707894	437
4352W	Nonparticipating	51	47	37	31	25	19	0	0	0	4	296039	4707734	419

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
4353H	Nonparticipating	56	52	42	36	31	25	5	0	0	4	295026	4707935	400
4354H	Nonparticipating	56	52	42	36	31	25	6	0	0	4	295030	4707912	400
4355H	Nonparticipating	56	52	41	36	31	25	5	0	0	4	295065	4707912	400
4356H	Nonparticipating	56	52	42	36	31	25	5	0	0	4	295067	4707870	400
4357H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	295032	4707867	400
4358H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	295024	4707830	400
4359H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	295020	4707789	399
4360H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	295022	4707699	395
4361H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	295016	4707672	395
4362H	Nonparticipating	56	52	42	36	32	26	7	0	0	4	295022	4707647	395
4363H	Nonparticipating	56	52	42	36	32	26	8	0	0	4	295013	4707625	394
4364H	Nonparticipating	56	52	42	36	32	26	8	0	0	4	295048	4707588	394
4365H	Nonparticipating	56	52	42	36	32	26	8	0	0	4	295055	4707535	394
4366H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294968	4707642	395
4367H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294922	4707642	396
4368H	Nonparticipating	56	52	42	36	32	27	9	0	0	4	294888	4707642	396
4369H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294884	4707689	397
4370H	Nonparticipating	56	52	42	36	32	27	8	0	0	4	294925	4707682	396
4371H	Nonparticipating	56	52	42	36	32	26	8	0	0	4	294971	4707681	396
4372H	Nonparticipating	56	52	42	36	32	26	7	0	0	4	294971	4707705	396
4373H	Nonparticipating	56	52	42	36	32	26	7	0	0	4	294973	4707731	397
4374H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294976	4707783	398
4375H	Nonparticipating	56	52	42	36	31	26	7	0	0	4	294979	4707816	399
4376H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294977	4707867	400
4377H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294976	4707889	400
4378H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294976	4707909	400
4379H	Nonparticipating	56	52	42	36	31	26	6	0	0	4	294980	4707931	400
4383R	Nonparticipating	48	44	38	32	27	22	3	0	0	4	295842	4702613	510
4384R	Nonparticipating	50	47	39	32	28	23	4	0	0	4	295831	4702634	511
4385R	Nonparticipating	53	49	40	34	29	23	4	0	0	4	295747	4702522	524
4386R	Nonparticipating	53	49	39	33	29	24	6	0	0	4	295893	4702875	470
4387W	Nonparticipating	48	44	37	30	25	20	3	0	0	4	295504	4702829	463
4388W	Nonparticipating	49	44	38	31	25	21	5	0	0	4	295244	4702794	483
4395W	Nonparticipating	55	51	40	34	28	22	1	0	0	4	295349	4701892	553
4396W	Nonparticipating	55	51	40	34	28	22	1	0	0	4	295303	4701886	553
4397D	Nonparticipating	52	48	39	34	28	22	5	0	0	4	294277	4701907	492
4398D	Nonparticipating	52	48	40	34	29	23	6	0	0	4	294245	4701968	489
4405B	Nonparticipating	51	48	42	36	30	24	8	0	0	4	292323	4701971	620
4407W	Nonparticipating	54	50	40	33	27	20	0	0	0	4	293231	4701369	559



Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
4408W	Nonparticipating	54	50	40	33	27	20	0	0	0	4	293201	4701385	559
4410D	Nonparticipating	50	45	37	30	23	15	0	0	0	4	294767	4701335	517
4411D	Nonparticipating	50	46	37	31	24	16	0	0	0	4	294741	4701325	515
4412D	Nonparticipating	52	48	38	32	25	17	0	0	0	4	294597	4701352	504
4413D	Nonparticipating	52	48	38	32	25	17	0	0	0	4	294593	4701289	501
4418B	Nonparticipating	46	41	34	26	18	11	0	0	0	4	296158	4701190	524
4421D	Nonparticipating	47	43	36	28	21	13	0	0	0	4	294361	4700978	462
4423H	Nonparticipating	47	43	36	28	20	11	0	0	0	4	293835	4700668	425
4424H	Nonparticipating	47	43	36	28	20	12	0	0	0	4	293870	4700599	438
4425B	Nonparticipating	47	43	35	28	19	10	0	0	0	4	294014	4700589	424
4426B	Nonparticipating	47	43	36	28	20	11	0	0	0	4	293988	4700533	421
4432H	Nonparticipating	47	42	35	28	20	11	0	0	0	4	294421	4700688	426
4436B	Nonparticipating	46	42	35	27	18	9	0	0	0	4	295223	4700680	429
4442B	Nonparticipating	46	42	34	26	17	8	0	0	0	4	295585	4700506	411
4444H	Nonparticipating	45	41	33	25	16	6	0	0	0	4	295883	4700303	404
4445H	Nonparticipating	45	40	33	24	15	5	0	0	0	4	295998	4700095	428
4446H	Nonparticipating	45	40	33	24	15	4	0	0	0	4	296216	4700083	416
4447D	Nonparticipating	49	45	37	29	21	12	0	0	0	4	285075	4706008	625
4448W	Nonparticipating	62	58	49	45	41	39	30	7	0	4	293558	4704503	566
4449H	Nonparticipating	63	59	50	46	42	40	32	9	0	4	288828	4697356	597
4450HH	Nonparticipating	59	55	46	43	38	34	28	5	0	4	289876	4709010	596
4453W	Nonparticipating	54	50	38	31	23	11	0	0	0	4	285251	4707337	650
4454D	Nonparticipating	53	49	38	32	25	16	0	0	0	4	285846	4706142	655
4456H	Nonparticipating	53	49	39	33	26	19	0	0	0	4	287108	4706644	574
4457H	Nonparticipating	50	46	38	31	24	16	0	0	0	4	287174	4706506	558
4458H	Nonparticipating	51	47	38	32	25	17	0	0	0	4	287194	4706596	560
4459H	Nonparticipating	50	46	37	31	24	15	0	0	0	4	287124	4706430	559
4460D	Nonparticipating	54	50	40	33	27	18	0	0	0	4	286721	4706100	596
4462H	Nonparticipating	58	54	45	41	37	34	24	0	0	4	293407	4707060	443
4463H	Nonparticipating	60	56	47	42	39	37	27	3	0	4	293424	4706868	434
4465D	Nonparticipating	57	53	45	40	35	32	21	0	0	4	289662	4705316	532
4468HH	Nonparticipating	61	57	49	45	41	38	31	11	0	4	292756	4705897	478
4470W	Nonparticipating	62	58	49	45	41	38	30	10	0	4	293435	4704541	580
4472H	Nonparticipating	51	47	40	33	29	25	14	0	0	4	295409	4704739	413
4473HH	Nonparticipating	60	56	48	44	39	36	27	0	0	4	292220	4704299	585
4475HH	Nonparticipating	52	48	41	35	31	29	19	0	0	4	295112	4703843	449
4476D	Nonparticipating	57	54	45	42	37	33	24	0	0	4	285695	4701707	622
4480D	Nonparticipating	51	47	44	36	33	27	13	0	0	4	291045	4701683	541
4481W	Nonparticipating	52	48	47	39	38	32	22	4	0	4	291356	4701604	516

Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
4483H	Nonparticipating	58	55	46	42	38	34	26	0	0	4	289379	4700419	487
4490H	Nonparticipating	60	56	48	44	40	36	28	3	0	4	288902	4700024	495
4492D	Nonparticipating	49	45	38	32	24	17	0	0	0	4	291608	4700716	470
4494D	Nonparticipating	60	56	47	43	40	37	28	1	0	4	286402	4699466	537
4499H	Nonparticipating	59	55	45	40	35	29	14	0	0	4	289684	4698551	562
4501H	Nonparticipating	59	55	45	40	35	30	14	0	0	4	289600	4698713	559
4503D	Nonparticipating	47	42	35	28	19	9	0	0	0	4	293173	4699587	487
4504H	Nonparticipating	58	55	46	42	37	33	23	0	0	4	285744	4697510	556
4506D	Nonparticipating	59	56	47	43	39	35	27	4	0	4	288576	4698346	539
4507D	Nonparticipating	49	45	37	30	23	16	0	0	0	4	291461	4697844	543
4509D	Nonparticipating	45	40	33	24	14	2	0	0	0	4	294379	4698103	514
4510H	Nonparticipating	44	40	32	24	14	1	0	0	0	4	294296	4697347	486
4518H	Nonparticipating	47	42	33	24	15	5	0	0	0	4	293948	4695974	510
4520H	Nonparticipating	49	44	33	24	14	1	0	0	0	4	293487	4694433	538
4521H	Nonparticipating	50	45	34	25	14	1	0	0	0	4	293469	4694267	540
4524H	Nonparticipating	46	42	33	24	13	1	0	0	0	4	293560	4694198	539
4525H	Nonparticipating	49	44	33	24	14	1	0	0	0	4	293612	4694436	534
4527H	Nonparticipating	47	43	33	24	14	2	0	0	0	4	293559	4694616	534
Maximum		64	60	51	47	43	40	34	16	0				
Minimum		39	34	25	14	0	0	0	0	0				
Average		53	49	40	34	28	22	9	1	0				
<b>Participating</b>														
334D	Participating	52	48	38	31	23	14	0	0	0	4	285155	4705925	626
426D	Nonparticipating	63	59	50	46	42	39	32	11	0	4	289943	4703617	553
549H	Participating	62	59	50	45	42	39	30	5	0	4	287529	4700556	552
575D	Participating	63	59	50	46	43	41	33	13	0	4	286588	4699777	573
578H	Participating	62	58	49	45	41	39	30	7	0	4	286477	4700403	558
583H	Participating	63	59	50	45	42	40	32	12	0	4	286541	4700158	552
590H	Participating	62	58	50	46	42	39	31	8	0	4	288196	4700364	516
607H	Participating	62	58	49	45	42	39	32	12	0	4	288367	4699134	547
609B	Participating	62	58	49	45	42	40	33	14	0	4	288254	4699120	552
633H	Participating	60	56	47	43	38	35	26	0	0	4	288398	4703201	520
649H	Participating	60	56	47	43	39	35	26	1	0	4	288414	4703092	518
670D	Participating	60	57	48	44	39	36	27	0	0	4	290414	4702906	595
778W	Participating	57	53	45	42	37	34	29	6	0	4	293021	4703023	492
888B	Participating	61	57	48	43	41	39	31	11	0	4	291195	4707638	517
903HH	Nonparticipating	59	55	46	41	37	34	23	0	0	4	292182	4707822	475
907W	Participating	61	57	49	45	41	38	30	8	0	4	291770	4707027	485
916L	Participating	55	51	44	39	35	32	22	0	0	4	289440	4706903	528





Receptor ID	Receptor Status	1/1 Octave Band Center Frequency									Relative Height (m)	Coordinates (UTM NAD 83 Z18N)		
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz		X (m)	Y (m)	Z (m)
969B	Participating	60	56	47	42	38	35	24	0	0	4	289527	4705900	540
979HH	Nonparticipating	60	56	48	45	40	36	29	5	0	4	292575	4705098	521
2371D	Participating	47	43	36	28	20	10	0	0	0	4	292682	4699596	485
2468D	Participating	55	50	41	35	28	21	0	0	0	4	291358	4698744	594
2481B	Participating	46	42	34	26	17	7	0	0	0	4	293179	4698428	530
2575B	Participating	49	44	35	28	19	9	0	0	0	4	292974	4697543	512
2581B	Participating	47	42	35	28	20	11	0	0	0	4	292346	4697612	524
2616D	Participating	60	57	48	44	40	36	29	6	0	4	288545	4697950	570
2651H	Participating	62	58	48	44	40	38	28	5	0	4	289322	4697304	599
2665D	Participating	52	48	38	32	26	19	0	0	0	4	291845	4697065	579
2668D	Participating	46	42	35	28	20	12	0	0	0	4	292127	4696948	557
2689R	Participating	53	49	40	34	29	24	8	0	0	4	291007	4696255	577
2800HH	Participating	64	60	51	47	43	40	32	10	0	4	287547	4695962	589
2835R	Participating	60	56	48	43	41	39	31	12	0	4	287972	4694714	555
2836R	Participating	60	56	47	42	40	38	30	10	0	4	287964	4694661	550
3072H	Participating	55	50	42	36	34	32	21	0	0	4	286080	4693693	439
3081H	Participating	55	50	42	36	34	32	22	0	0	4	286110	4693705	441
4107HH	Participating	55	51	43	38	33	29	19	0	0	4	294170	4703482	443
4108HH	Participating	57	52	44	38	36	33	22	0	0	4	294299	4703243	458
4110HH	Participating	52	48	41	36	32	29	18	0	0	4	294569	4703405	434
4246HH	Participating	59	55	46	41	38	35	25	0	0	4	292704	4708025	453
4394B	Participating	53	48	40	34	29	25	8	0	0	4	294105	4702201	464
4409D	Participating	51	47	38	32	26	21	0	0	0	4	294246	4701610	494
4464HH	Participating	60	56	47	43	40	37	28	5	0	4	293094	4706695	448
4471W	Participating	62	58	50	45	42	40	31	9	0	4	293694	4704578	574
4478B	Participating	62	58	49	45	41	39	31	10	0	4	289611	4702931	608
4493W	Participating	52	48	40	33	27	20	4	0	0	4	291937	4701460	574
4495D	Participating	60	56	47	43	39	36	27	0	0	4	286377	4699317	531
Maximum		64	60	51	47	43	41	33	14	0				
Minimum		46	42	34	26	17	7	0	0	0				
Average		57	53	45	39	35	31	21	4	0				

**TABLE 33: ANNUALIZED MODELING RESULTS - INCLUDING LOW WIND PERIODS  
(ARTICLE 10/STIPULATION 19(F))**

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum 8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
<b>Property Line</b>														
Cohocton2D	Property Line	22	22	17	45	44	45	38	34	41	38	40	41	48
Cohocton4W	Property Line	24	24	19	47	47	47	36	32	41	39	43	43	49
Fremont1R	Property Line	24	24	19	47	47	47	36	32	42	40	43	44	49
Dansville1D	Property Line	22	22	17	47	47	47	38	34	42	39	43	44	50
Cohocton1D	Property Line	22	22	17	45	44	44	38	34	41	38	41	41	47
Wayland1W	Property Line	24	24	19	46	45	45	36	32	41	39	41	42	47
Fremont2R	Property Line	24	24	19	45	43	45	36	32	39	37	40	40	47
Wayland2D	Property Line	22	22	17	40	39	39	38	34	40	33	36	36	44
Cohocton5D	Property Line	22	22	17	41	40	41	38	34	40	34	37	37	44
Cohocton3W	Property Line	24	24	19	42	41	42	36	32	38	35	38	38	44
Maximum					47	47	47			42	40	43	44	50
Minimum					40	39	39			38	33	36	36	44
Average					44	44	44			40	37	40	41	47
<b>Nonparticipating</b>														
1HH	Nonparticipating	25	27	22	25	27	22	40	38	40	1	6	6	13
2HH	Nonparticipating	25	27	22	25	27	22	40	38	40	1	6	7	13
3HH	Nonparticipating	25	27	22	25	27	22	40	38	40	2	6	7	13
4HH	Nonparticipating	25	27	22	25	27	22	40	38	40	2	6	7	13
10H	Nonparticipating	28	22	20	28	22	21	43	40	43	2	6	7	14
17H	Nonparticipating	28	22	20	28	22	21	43	40	43	2	7	8	14
22H	Nonparticipating	28	22	20	28	22	21	43	40	43	2	7	8	14
23H	Nonparticipating	28	22	20	28	22	21	43	40	43	2	7	8	14
24H	Nonparticipating	28	22	20	28	22	21	43	40	43	2	7	8	14
25HH	Nonparticipating	25	27	22	25	27	22	40	38	40	2	7	8	14
31HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	7	8	15
36HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	7	8	15



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
37HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	7	8	15
38HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	7	8	14
39HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	7	8	14
40HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	7	8	15
41HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	7	8	15
42HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	7	8	15
43HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	7	8	15
44HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	8	8	15
45HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	8	9	15
46HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	8	9	15
47HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	8	8	15
48HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	8	9	15
49HH	Nonparticipating	25	27	22	25	27	22	40	38	40	3	8	8	15
54HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	9	10	16
55R	Nonparticipating	24	24	19	24	24	20	36	32	36	4	8	9	16
56R	Nonparticipating	24	24	19	24	24	20	36	32	36	4	8	9	16
62HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	9	10	16
63HH	Nonparticipating	25	27	22	25	27	23	40	38	40	6	11	12	18
64B	Nonparticipating	25	21	17	26	22	20	48	42	48	7	11	12	19
65B	Nonparticipating	25	21	17	26	21	19	48	42	48	5	10	10	17
74HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	8	9	15
75D	Nonparticipating	22	22	17	23	22	19	38	34	38	4	9	10	16
77D	Nonparticipating	22	22	17	23	22	19	38	34	38	5	10	11	17
78D	Nonparticipating	22	22	17	23	22	20	38	34	38	6	11	12	19
79D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	21
80D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	22
81D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	22
82D	Nonparticipating	22	22	17	23	22	20	38	34	38	6	11	12	19
83B	Nonparticipating	25	21	17	26	22	20	48	42	48	8	12	13	20
85HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	9	10	17
86HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	9	10	16

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
90HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	8	9	16
92W	Nonparticipating	24	24	19	24	24	20	36	32	36	3	7	8	14
94W	Nonparticipating	24	24	19	24	24	20	36	32	36	3	7	8	15
95B	Nonparticipating	25	21	17	26	21	18	48	42	48	3	7	8	15
98D	Nonparticipating	22	22	17	23	22	18	38	34	38	3	8	9	15
99B	Nonparticipating	25	21	17	26	21	19	48	42	48	4	9	10	17
103D	Nonparticipating	22	22	17	23	22	18	38	34	38	3	8	9	15
108W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	9	10	17
109W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	9	10	17
110HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	9	10	17
111W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	9	10	17
112HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	9	10	17
120D	Nonparticipating	22	22	17	25	24	24	38	34	38	13	17	18	25
121D	Nonparticipating	22	22	17	25	24	24	38	34	38	13	17	18	25
125D	Nonparticipating	22	22	17	25	24	24	38	34	38	13	17	18	25
126D	Nonparticipating	22	22	17	26	24	24	38	34	38	13	18	19	25
130D	Nonparticipating	22	22	17	26	24	24	38	34	38	13	18	19	26
131D	Nonparticipating	22	22	17	24	23	21	38	34	38	7	12	13	20
133D	Nonparticipating	22	22	17	26	25	25	38	34	38	15	19	20	26
134D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	17	17	24
135D	Nonparticipating	22	22	17	24	23	22	38	34	38	11	15	16	23
136D	Nonparticipating	22	22	17	24	23	22	38	34	38	11	15	16	22
137D	Nonparticipating	22	22	17	24	23	22	38	34	38	11	15	16	22
138D	Nonparticipating	22	22	17	24	23	22	38	34	38	11	15	16	22
139D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	11	11	18
140D	Nonparticipating	22	22	17	23	22	19	38	34	38	4	8	9	15
142W	Nonparticipating	24	24	19	24	24	20	36	32	36	3	8	8	15
143W	Nonparticipating	24	24	19	24	24	20	36	32	36	3	7	8	14
144B	Nonparticipating	25	21	17	26	21	18	48	42	48	3	7	8	14
147D	Nonparticipating	22	22	17	23	22	18	38	34	38	3	7	8	14
150D	Nonparticipating	22	22	17	23	22	18	38	34	38	3	7	8	14
154W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	9	10	16



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
155W	Nonparticipating	24	24	19	24	24	20	36	32	36	4	9	10	16
157W	Nonparticipating	24	24	19	24	24	20	36	32	36	4	9	10	16
158W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	10	11	17
160W	Nonparticipating	24	24	19	24	24	21	36	32	36	5	10	11	17
165W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	11	12	18
166W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	11	12	18
168D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	11	12	18
170D	Nonparticipating	22	22	17	23	22	20	38	34	38	6	11	12	18
171D	Nonparticipating	22	22	17	27	25	26	38	34	38	15	20	21	27
175W	Nonparticipating	24	24	19	27	26	26	36	32	36	15	19	20	27
178D	Nonparticipating	22	22	17	26	24	25	38	34	38	14	18	19	26
183W	Nonparticipating	24	24	19	27	26	26	36	32	36	15	19	20	27
184W	Nonparticipating	24	24	19	27	26	26	36	32	36	15	19	20	27
185D	Nonparticipating	22	22	17	27	25	25	38	34	38	15	19	20	27
186D	Nonparticipating	22	22	17	27	25	25	38	34	38	15	19	20	27
187D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	28
188D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	28
195D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	28
197D	Nonparticipating	22	22	17	27	26	27	38	34	38	16	20	21	29
198B	Nonparticipating	25	21	17	27	23	24	48	42	48	12	17	18	25
199D	Nonparticipating	22	22	17	26	24	25	38	34	38	14	19	20	26
200D	Nonparticipating	22	22	17	25	23	23	38	34	38	11	16	17	24
203E	Nonparticipating	22	22	17	26	24	24	38	34	38	13	18	19	26
204E	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	27
206E	Nonparticipating	22	22	17	26	24	25	38	34	38	14	19	20	26
207E	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	27
208W	Nonparticipating	24	24	19	27	26	26	36	32	36	15	20	21	28
209W	Nonparticipating	24	24	19	27	26	26	36	32	36	14	19	20	27
210W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	19	20	26
211W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	19	20	26
214W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	19	19	26

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
215W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	18	19	26
216W	Nonparticipating	24	24	19	26	25	24	36	32	36	13	17	18	25
217W	Nonparticipating	24	24	19	26	25	25	36	32	36	13	18	19	25
218W	Nonparticipating	24	24	19	26	25	25	36	32	36	13	18	19	25
220W	Nonparticipating	24	24	19	26	25	25	36	32	36	14	18	19	26
221W	Nonparticipating	24	24	19	26	25	25	36	32	36	13	18	18	25
222W	Nonparticipating	24	24	19	27	26	26	36	32	36	16	20	21	27
225W	Nonparticipating	24	24	19	27	26	26	36	32	36	16	20	21	27
229W	Nonparticipating	24	24	19	26	26	25	36	32	36	14	18	19	25
230W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	18	19	26
231D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	17	18	24
232W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	11	12	18
233W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	11	12	18
234W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	11	12	18
235W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	11	12	18
236D	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	26
237D	Nonparticipating	22	22	17	25	23	22	38	34	38	10	15	16	22
240D	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	26
241D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	17	18	24
242D	Nonparticipating	22	22	17	23	22	19	38	34	38	5	10	11	17
243D	Nonparticipating	22	22	17	23	22	19	38	34	38	5	10	11	17
247D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	10	11	17
250D	Nonparticipating	22	22	17	23	22	19	38	34	38	5	9	10	17
251W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	9	10	17
254W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	11	11	18
255W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	11	12	18
256W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	12	13	19
257D	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	26
258D	Nonparticipating	22	22	17	26	25	24	38	34	38	14	18	19	25
260W	Nonparticipating	24	24	19	25	24	22	36	32	36	8	13	14	21
261W	Nonparticipating	24	24	19	28	27	27	36	32	36	16	20	21	28
263W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	18	19	26



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
264W	Nonparticipating	24	24	19	25	25	22	36	32	36	9	14	15	22
265W	Nonparticipating	24	24	19	25	25	22	36	32	36	9	14	15	22
267W	Nonparticipating	24	24	19	25	25	23	36	32	36	10	15	16	23
268W	Nonparticipating	24	24	19	25	25	23	36	32	36	10	15	16	23
269W	Nonparticipating	24	24	19	25	25	23	36	32	36	10	15	16	23
272W	Nonparticipating	24	24	19	28	26	26	36	32	36	16	20	21	28
273W	Nonparticipating	24	24	19	25	25	23	36	32	36	11	15	16	23
275H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	30
276H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	30
277H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	30
278H	Nonparticipating	28	22	20	31	27	28	43	40	43	18	22	23	30
279H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	30
281H	Nonparticipating	28	22	20	30	26	27	43	40	43	16	21	21	29
282H	Nonparticipating	28	22	20	31	27	29	43	40	43	18	23	24	31
283D	Nonparticipating	22	22	17	28	26	27	38	34	38	17	21	22	30
284D	Nonparticipating	22	22	17	29	27	28	38	34	38	19	23	24	31
285D	Nonparticipating	22	22	17	28	26	27	38	34	38	17	22	23	30
286H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
287H	Nonparticipating	28	22	20	31	26	28	43	40	43	17	21	22	30
289H	Nonparticipating	28	22	20	31	26	27	43	40	43	17	21	22	30
290H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
292H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
293D	Nonparticipating	22	22	17	29	28	28	38	34	38	19	23	24	31
294D	Nonparticipating	22	22	17	29	27	28	38	34	38	18	23	23	30
296W	Nonparticipating	24	24	19	25	25	22	36	32	36	9	14	15	21
297D	Nonparticipating	22	22	17	24	23	21	38	34	38	8	13	14	21
299D	Nonparticipating	22	22	17	25	24	23	38	34	38	11	16	17	23
300D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
301D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
302D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
303D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	17	18	24

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
307D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	16	17	24
308D	Nonparticipating	22	22	17	26	25	24	38	34	38	14	18	19	25
309D	Nonparticipating	22	22	17	24	23	21	38	34	38	8	13	14	20
311D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	12	13	19
312D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	21
316D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	11	12	19
318W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	10	11	17
320W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	9	10	16
323W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	9	10	17
327W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	10	10	17
328D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	11	12	19
331D	Nonparticipating	22	22	17	25	23	22	38	34	38	10	15	16	22
333D	Nonparticipating	22	22	17	27	26	25	38	34	38	14	19	20	27
337D	Nonparticipating	22	22	17	27	26	26	38	34	38	15	20	21	27
341D	Nonparticipating	22	22	17	26	25	25	38	34	38	13	19	20	26
342D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
343D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
344D	Nonparticipating	22	22	17	26	25	24	38	34	38	12	17	18	25
345D	Nonparticipating	22	22	17	29	27	28	38	34	38	18	22	23	30
347D	Nonparticipating	22	22	17	29	27	28	38	34	38	18	22	23	30
348D	Nonparticipating	22	22	17	29	28	28	38	34	38	18	23	24	30
349D	Nonparticipating	22	22	17	29	28	29	38	34	38	19	23	24	31
350D	Nonparticipating	22	22	17	29	28	28	38	34	38	18	23	24	31
352D	Nonparticipating	22	22	17	29	28	28	38	34	38	19	23	24	31
353D	Nonparticipating	22	22	17	29	28	28	38	34	38	19	23	24	31
354D	Nonparticipating	22	22	17	29	28	28	38	34	38	18	23	24	30
355D	Nonparticipating	22	22	17	29	27	28	38	34	38	18	23	23	30
356D	Nonparticipating	22	22	17	29	28	28	38	34	38	18	23	24	31
358H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
359H	Nonparticipating	28	22	20	29	25	25	43	40	43	14	18	19	26
360H	Nonparticipating	28	22	20	29	25	25	43	40	43	14	18	19	26
361H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
362H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
363H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
367H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
368H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
369H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
370H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
371H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
372H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	20	27
373H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
378D	Nonparticipating	22	22	17	30	28	29	38	34	38	20	24	25	33
379D	Nonparticipating	22	22	17	30	29	29	38	34	38	20	25	25	33
380D	Nonparticipating	22	22	17	31	30	30	38	34	38	21	26	27	34
381D	Nonparticipating	22	22	17	31	30	31	38	34	38	22	26	27	34
383H	Nonparticipating	28	22	20	30	27	27	43	40	43	16	21	22	29
385H	Nonparticipating	28	22	20	31	28	28	43	40	43	17	22	23	30
386H	Nonparticipating	28	22	20	31	27	27	43	40	43	16	21	22	29
389W	Nonparticipating	24	24	19	33	33	33	36	32	36	23	28	29	36
390D	Nonparticipating	22	22	17	31	30	30	38	34	38	20	25	26	33
391D	Nonparticipating	22	22	17	28	27	27	38	34	38	17	21	22	29
392D	Nonparticipating	22	22	17	28	27	27	38	34	38	17	21	22	29
394D	Nonparticipating	22	22	17	30	29	30	38	34	38	20	24	25	32
395D	Nonparticipating	22	22	17	33	32	33	38	34	39	23	28	29	35
396D	Nonparticipating	22	22	17	33	32	32	38	34	38	22	27	28	35
397D	Nonparticipating	22	22	17	33	32	33	38	34	39	22	27	28	35
400H	Nonparticipating	28	22	20	37	35	36	43	40	43	27	31	32	40
401H	Nonparticipating	28	22	20	37	35	36	43	40	43	28	32	33	40
403H	Nonparticipating	28	22	20	37	35	37	43	40	43	28	32	33	40
405H	Nonparticipating	28	22	20	38	36	37	43	40	43	27	32	33	41
406H	Nonparticipating	28	22	20	38	36	38	43	40	43	28	33	34	41
407H	Nonparticipating	28	22	20	38	36	37	43	40	43	27	32	33	41
408H	Nonparticipating	28	22	20	37	35	37	43	40	43	27	31	32	40

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
413H	Nonparticipating	28	22	20	37	36	37	43	40	43	27	32	33	40
415H	Nonparticipating	28	22	20	41	40	40	43	40	43	30	35	36	43
419H	Nonparticipating	28	22	20	40	39	40	43	40	43	30	35	36	42
425D	Nonparticipating	22	22	17	42	41	41	38	34	40	35	37	38	44
427D	Nonparticipating	22	22	17	40	40	40	38	34	40	34	36	37	43
429H	Nonparticipating	28	22	20	37	35	36	43	40	43	28	32	33	40
430H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	32	39
433H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	33	39
435D	Nonparticipating	22	22	17	39	39	39	38	34	39	29	34	35	41
436D	Nonparticipating	22	22	17	39	39	39	38	34	39	29	34	35	42
437D	Nonparticipating	22	22	17	39	39	39	38	34	39	29	34	35	42
438D	Nonparticipating	22	22	17	35	34	34	38	34	39	24	29	30	37
439D	Nonparticipating	22	22	17	35	34	34	38	34	39	24	29	30	37
440D	Nonparticipating	22	22	17	35	34	34	38	34	39	24	29	30	37
443W	Nonparticipating	24	24	19	34	33	33	36	32	36	22	28	29	36
444D	Nonparticipating	22	22	17	37	37	37	38	34	39	27	32	33	40
446D	Nonparticipating	22	22	17	39	39	39	38	34	39	29	34	35	42
449W	Nonparticipating	24	24	19	33	32	32	36	32	36	22	27	28	35
450W	Nonparticipating	24	24	19	33	32	32	36	32	36	22	27	28	35
451B	Nonparticipating	25	21	17	28	24	24	48	42	48	13	18	19	26
453H	Nonparticipating	28	22	20	30	25	26	43	40	43	13	19	20	27
454H	Nonparticipating	28	22	20	29	24	24	43	40	43	12	17	18	25
455H	Nonparticipating	28	22	20	30	25	26	43	40	43	13	19	20	26
457H	Nonparticipating	28	22	20	30	25	25	43	40	43	12	18	19	26
458D	Nonparticipating	22	22	17	27	26	26	38	34	38	14	20	21	27
459D	Nonparticipating	22	22	17	27	26	26	38	34	38	14	20	21	27
464D	Nonparticipating	22	22	17	31	29	30	38	34	38	21	25	26	34
469D	Nonparticipating	22	22	17	31	29	30	38	34	38	21	26	26	34
472D	Nonparticipating	22	22	17	31	29	30	38	34	38	21	25	26	34
473D	Nonparticipating	22	22	17	29	28	29	38	34	38	19	24	24	32
474H	Nonparticipating	28	22	20	33	31	32	43	40	43	23	27	28	36



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
476H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	27	28	36
479H	Nonparticipating	28	22	20	34	32	33	43	40	43	24	28	29	37
480H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	27	28	36
483H	Nonparticipating	28	22	20	34	32	33	43	40	43	24	28	29	37
484W	Nonparticipating	24	24	19	35	33	34	36	32	36	26	30	30	38
485D	Nonparticipating	22	22	17	30	29	29	38	34	38	20	25	26	33
486D	Nonparticipating	22	22	17	32	30	31	38	34	39	22	26	27	35
489D	Nonparticipating	22	22	17	29	28	28	38	34	38	19	24	24	31
491D	Nonparticipating	22	22	17	28	27	27	38	34	38	18	22	23	30
493D	Nonparticipating	22	22	17	29	28	28	38	34	38	18	23	24	30
494D	Nonparticipating	22	22	17	28	27	27	38	34	38	18	22	23	30
495D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	28
496D	Nonparticipating	22	22	17	28	27	27	38	34	38	17	22	23	30
500D	Nonparticipating	22	22	17	28	26	26	38	34	38	17	21	22	29
501D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	28
502D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	21	22	29
503D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	28
504D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	21	22	29
505D	Nonparticipating	22	22	17	28	26	26	38	34	38	17	21	22	29
507H	Nonparticipating	28	22	20	32	30	30	43	40	43	20	25	25	32
508H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	22	23	30
509H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	22	23	30
510H	Nonparticipating	28	22	20	30	26	26	43	40	43	14	19	20	27
513D	Nonparticipating	22	22	17	25	24	22	38	34	38	11	16	17	23
514D	Nonparticipating	22	22	17	25	24	23	38	34	38	11	16	17	23
516D	Nonparticipating	22	22	17	25	24	23	38	34	38	11	16	17	24
517D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	22
518D	Nonparticipating	22	22	17	24	23	22	38	34	38	9	14	15	22
519D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	21
520D	Nonparticipating	22	22	17	25	24	23	38	34	38	11	16	17	24
521D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	22

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
522D	Nonparticipating	22	22	17	24	23	22	38	34	38	9	14	15	22
523D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	22
525D	Nonparticipating	22	22	17	26	25	24	38	34	38	12	18	19	25
526H	Nonparticipating	28	22	20	29	25	24	43	40	43	12	17	18	25
527H	Nonparticipating	28	22	20	29	25	25	43	40	43	12	17	18	25
528H	Nonparticipating	28	22	20	29	25	25	43	40	43	12	18	19	25
529B	Nonparticipating	25	21	17	27	24	24	48	42	48	13	18	19	26
530B	Nonparticipating	25	21	17	27	24	24	48	42	48	13	18	19	26
541D	Nonparticipating	22	22	17	40	40	40	38	34	40	33	36	37	43
542D	Nonparticipating	22	22	17	40	39	39	38	34	40	33	36	37	44
544D	Nonparticipating	22	22	17	40	40	40	38	34	40	34	37	37	44
547D	Nonparticipating	22	22	17	42	41	41	38	34	40	35	38	38	44
556H	Nonparticipating	28	22	20	42	41	41	43	40	44	35	37	38	43
559H	Nonparticipating	28	22	20	41	40	40	43	40	44	34	36	37	43
561H	Nonparticipating	28	22	20	42	41	42	43	40	44	33	37	38	44
564H	Nonparticipating	28	22	20	42	41	41	43	40	44	34	37	38	44
569W	Nonparticipating	24	24	19	41	39	40	36	32	37	31	35	36	45
570W	Nonparticipating	24	24	19	36	35	34	36	32	36	28	32	32	41
572H	Nonparticipating	28	22	20	39	37	38	43	40	43	31	34	34	41
574D	Nonparticipating	22	22	17	39	39	39	38	34	39	32	35	36	43
576H	Nonparticipating	28	22	20	41	40	41	43	40	44	34	37	38	44
584H	Nonparticipating	28	22	20	42	41	41	43	40	44	34	37	38	43
585H	Nonparticipating	28	22	20	43	42	42	43	40	44	35	38	39	44
586H	Nonparticipating	28	22	20	43	42	42	43	40	44	35	38	39	44
587H	Nonparticipating	28	22	20	43	43	43	43	40	44	35	39	39	45
589H	Nonparticipating	28	22	20	43	43	43	43	40	44	35	39	39	45
592H	Nonparticipating	28	22	20	43	42	43	43	40	44	35	39	39	45
593H	Nonparticipating	28	22	20	40	38	40	43	40	44	32	35	36	43
594H	Nonparticipating	28	22	20	40	39	39	43	40	44	32	35	36	42
595H	Nonparticipating	28	22	20	40	39	39	43	40	44	32	35	36	42
596H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	35	42
597H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	36	42



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
598H	Nonparticipating	28	22	20	40	38	39	43	40	43	32	35	35	42
599H	Nonparticipating	28	22	20	39	38	39	43	40	43	31	35	35	42
600H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	35	42
601H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	35	42
604B	Nonparticipating	25	21	17	39	37	38	48	42	48	31	34	34	41
611D	Nonparticipating	22	22	17	33	31	33	38	34	38	22	27	28	36
612D	Nonparticipating	22	22	17	33	31	33	38	34	38	21	27	28	36
615D	Nonparticipating	22	22	17	35	34	35	38	34	39	24	29	30	38
620D	Nonparticipating	22	22	17	36	35	36	38	34	39	25	31	32	39
621B	Nonparticipating	25	21	17	42	40	41	48	42	48	31	36	37	45
622D	Nonparticipating	22	22	17	39	38	39	38	34	39	28	34	35	42
624H	Nonparticipating	28	22	20	40	39	39	43	40	43	31	35	36	42
625H	Nonparticipating	28	22	20	39	38	38	43	40	43	30	34	35	41
629H	Nonparticipating	28	22	20	39	38	38	43	40	43	31	34	35	40
648H	Nonparticipating	28	22	20	40	40	40	43	40	44	33	36	36	41
650H	Nonparticipating	28	22	20	39	39	38	43	40	43	32	35	35	40
651D	Nonparticipating	22	22	17	40	39	39	38	34	39	32	35	36	42
654D	Nonparticipating	22	22	17	40	40	40	38	34	39	32	35	36	42
655D	Nonparticipating	22	22	17	41	41	41	38	34	40	33	37	37	43
656D	Nonparticipating	22	22	17	40	39	40	38	34	39	32	35	36	42
659D	Nonparticipating	22	22	17	43	43	43	38	34	40	34	38	39	45
660B	Nonparticipating	25	21	17	41	40	41	48	42	48	34	37	37	43
664B	Nonparticipating	25	21	17	43	43	43	48	42	48	35	39	40	45
666D	Nonparticipating	22	22	17	39	39	39	38	34	39	33	35	36	42
667D	Nonparticipating	22	22	17	40	39	39	38	34	39	33	36	36	42
675D	Nonparticipating	22	22	17	40	39	39	38	34	39	33	35	36	41
677D	Nonparticipating	22	22	17	37	37	37	38	34	39	31	33	34	41
679D	Nonparticipating	22	22	17	39	37	39	38	34	39	31	34	34	41
684D	Nonparticipating	22	22	17	36	35	36	38	34	39	28	32	32	39
687B	Nonparticipating	25	21	17	37	36	36	48	42	48	30	33	34	41
690D	Nonparticipating	22	22	17	41	41	41	38	34	40	35	37	38	44

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
691D	Nonparticipating	22	22	17	42	42	42	38	34	40	35	38	39	44
694D	Nonparticipating	22	22	17	42	41	41	38	34	40	35	38	38	44
696D	Nonparticipating	22	22	17	37	36	36	38	34	39	30	33	34	41
697D	Nonparticipating	22	22	17	38	37	37	38	34	39	31	34	35	42
699H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	39
706HH	Nonparticipating	25	27	22	36	36	36	40	38	40	26	31	32	38
707H	Nonparticipating	28	22	20	36	35	35	43	40	43	26	31	32	38
710H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
713HH	Nonparticipating	25	27	22	37	36	36	40	38	40	27	32	32	38
714B	Nonparticipating	25	21	17	38	37	37	48	42	48	27	32	33	39
719HH	Nonparticipating	25	27	22	37	36	36	40	38	40	25	31	32	39
722HH	Nonparticipating	25	27	22	38	38	38	40	38	40	27	33	34	40
723H	Nonparticipating	28	22	20	30	26	27	43	40	43	15	20	21	29
727H	Nonparticipating	28	22	20	30	26	26	43	40	43	14	19	20	28
728H	Nonparticipating	28	22	20	31	27	28	43	40	43	16	21	22	30
732H	Nonparticipating	28	22	20	29	25	24	43	40	43	11	17	18	24
734H	Nonparticipating	28	22	20	31	28	28	43	40	43	17	23	24	31
736H	Nonparticipating	28	22	20	34	31	32	43	40	43	21	27	28	35
737H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	27	34
738H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	25	26	35
742H	Nonparticipating	28	22	20	33	31	31	43	40	43	21	26	27	35
743H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	23	24	32
744H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	27	34
748H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	27	34
750H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	27	34
751H	Nonparticipating	28	22	20	32	30	30	43	40	43	20	25	26	33
753HH	Nonparticipating	25	27	22	32	32	32	40	38	40	22	27	28	36
756HH	Nonparticipating	25	27	22	32	32	31	40	38	40	21	26	27	35
757HH	Nonparticipating	25	27	22	36	35	36	40	38	40	24	30	31	39
764D	Nonparticipating	22	22	17	36	35	36	38	34	39	28	32	32	39
766D	Nonparticipating	22	22	17	35	34	34	38	34	39	28	31	31	37
767D	Nonparticipating	22	22	17	33	33	32	38	34	39	26	29	29	36



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
768HH	Nonparticipating	25	27	22	38	37	37	40	38	40	30	33	34	40
769HH	Nonparticipating	25	27	22	38	38	38	40	38	40	31	34	34	40
770HH	Nonparticipating	25	27	22	38	37	37	40	38	40	30	33	34	40
771D	Nonparticipating	22	22	17	35	34	34	38	34	39	28	31	31	38
772D	Nonparticipating	22	22	17	35	34	34	38	34	39	28	30	31	39
773D	Nonparticipating	22	22	17	36	35	35	38	34	39	28	31	32	39
774D	Nonparticipating	22	22	17	35	34	34	38	34	39	27	30	31	38
776D	Nonparticipating	22	22	17	36	34	35	38	34	39	27	31	31	38
777D	Nonparticipating	22	22	17	36	34	35	38	34	39	28	31	31	39
780D	Nonparticipating	22	22	17	38	36	37	38	34	39	29	33	33	40
783D	Nonparticipating	22	22	17	38	36	37	38	34	39	29	33	33	40
784D	Nonparticipating	22	22	17	36	34	35	38	34	39	28	31	32	39
786D	Nonparticipating	22	22	17	37	35	36	38	34	39	28	32	32	39
789D	Nonparticipating	22	22	17	36	34	35	38	34	39	27	31	31	38
795B	Nonparticipating	25	21	17	35	33	34	48	42	48	26	30	30	37
801D	Nonparticipating	22	22	17	39	38	38	38	34	39	32	35	35	41
802D	Nonparticipating	22	22	17	39	38	38	38	34	39	31	34	35	41
806H	Nonparticipating	28	22	20	38	37	37	43	40	43	30	33	34	39
807H	Nonparticipating	28	22	20	38	37	37	43	40	43	30	33	34	39
810H	Nonparticipating	28	22	20	36	35	35	43	40	43	29	31	32	39
811H	Nonparticipating	28	22	20	43	43	43	43	40	44	36	39	39	45
813D	Nonparticipating	22	22	17	32	31	31	38	34	38	20	26	27	34
816D	Nonparticipating	22	22	17	31	30	30	38	34	38	19	25	26	33
818W	Nonparticipating	24	24	19	30	30	30	36	32	36	18	24	25	32
819D	Nonparticipating	22	22	17	31	30	30	38	34	38	19	24	25	33
822D	Nonparticipating	22	22	17	29	28	29	38	34	38	17	23	24	31
824D	Nonparticipating	22	22	17	30	28	29	38	34	38	17	23	24	31
825D	Nonparticipating	22	22	17	29	27	28	38	34	38	16	22	23	30
827D	Nonparticipating	22	22	17	30	29	30	38	34	38	19	24	25	33
832W	Nonparticipating	24	24	19	32	31	31	36	32	36	20	26	27	34
833D	Nonparticipating	22	22	17	38	38	38	38	34	39	30	34	35	42

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
835D	Nonparticipating	22	22	17	38	37	37	38	34	39	28	33	34	41
836D	Nonparticipating	22	22	17	39	38	39	38	34	39	31	35	36	42
837D	Nonparticipating	22	22	17	40	39	39	38	34	39	33	36	37	44
838HH	Nonparticipating	25	27	22	33	32	32	40	38	40	22	27	28	36
839HH	Nonparticipating	25	27	22	33	33	32	40	38	40	23	28	28	36
840HH	Nonparticipating	25	27	22	33	32	32	40	38	40	23	27	28	36
842HH	Nonparticipating	25	27	22	34	34	33	40	38	40	25	29	30	38
843HH	Nonparticipating	25	27	22	34	34	33	40	38	40	25	29	30	38
846HH	Nonparticipating	25	27	22	36	35	35	40	38	40	29	32	32	40
848HH	Nonparticipating	25	27	22	39	38	38	40	38	40	32	35	35	43
849HH	Nonparticipating	25	27	22	38	37	37	40	38	40	31	34	34	42
851HH	Nonparticipating	25	27	22	41	41	41	40	38	41	34	37	38	43
856HH	Nonparticipating	25	27	22	42	41	42	40	38	40	32	37	38	44
861L	Nonparticipating	29	25	21	33	31	31	49	45	49	22	26	27	34
862L	Nonparticipating	29	25	21	33	31	30	49	45	49	21	25	26	33
863L	Nonparticipating	29	25	21	32	30	29	49	45	49	20	24	25	32
864L	Nonparticipating	29	25	21	32	29	29	49	45	49	18	23	24	31
865L	Nonparticipating	29	25	21	32	29	28	49	45	49	19	23	24	31
866L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	35
867L	Nonparticipating	29	25	21	34	32	32	49	45	49	22	27	28	35
868L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
869L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
870L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
871L	Nonparticipating	29	25	21	31	29	28	49	45	49	18	23	24	31
872L	Nonparticipating	29	25	21	34	32	33	49	45	49	22	27	28	35
873L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
874L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
875L	Nonparticipating	29	25	21	36	34	34	49	45	49	24	29	30	38
876L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	37
877L	Nonparticipating	29	25	21	35	33	33	49	45	49	23	28	29	36
878L	Nonparticipating	29	25	21	35	33	33	49	45	49	23	28	29	36
879L	Nonparticipating	29	25	21	33	31	32	49	45	49	21	26	27	34





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
880L	Nonparticipating	29	25	21	35	33	33	49	45	49	23	28	29	36
881L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	37
882L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	37
883L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
884L	Nonparticipating	29	25	21	35	33	33	49	45	49	23	28	29	36
885D	Nonparticipating	22	22	17	39	38	39	38	34	39	29	34	35	41
886D	Nonparticipating	22	22	17	40	39	39	38	34	39	29	34	35	42
887D	Nonparticipating	22	22	17	39	39	39	38	34	39	29	34	35	42
892B	Nonparticipating	25	21	17	39	38	38	48	42	48	31	34	35	40
893B	Nonparticipating	25	21	17	40	39	39	48	42	48	32	35	36	41
894B	Nonparticipating	25	21	17	39	39	39	48	42	48	32	35	36	41
902HH	Nonparticipating	25	27	22	36	36	36	40	38	40	30	32	33	38
909W	Nonparticipating	24	24	19	40	39	40	36	32	37	32	35	36	41
912D	Nonparticipating	22	22	17	42	40	42	38	34	39	31	36	38	45
915L	Nonparticipating	29	25	21	37	35	36	49	45	49	26	31	32	40
917L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	38
918L	Nonparticipating	29	25	21	37	34	36	49	45	49	25	30	31	39
919L	Nonparticipating	29	25	21	37	34	36	49	45	49	25	30	31	39
920L	Nonparticipating	29	25	21	36	34	35	49	45	49	24	29	30	38
921L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	35
922L	Nonparticipating	29	25	21	36	34	35	49	45	49	24	30	31	38
923L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
924L	Nonparticipating	29	25	21	36	34	35	49	45	49	24	30	31	38
925L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
926L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	39
927L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	39
928L	Nonparticipating	29	25	21	38	36	37	49	45	49	26	32	33	40
936L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	40
937L	Nonparticipating	29	25	21	33	31	32	49	45	49	23	27	28	36
938L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	39
939L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	38

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
943L	Nonparticipating	29	25	21	34	31	32	49	45	49	23	27	28	36
944L	Nonparticipating	29	25	21	34	31	32	49	45	49	23	27	28	36
945L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	27	28	36
946L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	27	28	36
947L	Nonparticipating	29	25	21	34	31	32	49	45	49	23	27	28	36
948L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	28	29	36
949L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	28	29	36
950L	Nonparticipating	29	25	21	34	31	33	49	45	49	22	27	28	36
951L	Nonparticipating	29	25	21	36	33	35	49	45	49	24	29	30	38
952L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	38
953L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	38
954L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	37
955L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	36
956L	Nonparticipating	29	25	21	34	32	32	49	45	49	22	27	28	36
957L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	27	28	36
958L	Nonparticipating	29	25	21	34	32	33	49	45	49	22	27	28	36
959L	Nonparticipating	29	25	21	34	32	33	49	45	49	22	27	28	36
960L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	36
961L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
962L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
963L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
964L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
965L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
966W	Nonparticipating	24	24	19	40	40	40	36	32	38	33	36	37	42
967W	Nonparticipating	24	24	19	42	41	41	36	32	38	35	37	38	44
968W	Nonparticipating	24	24	19	42	41	41	36	32	38	35	38	38	44
977HH	Nonparticipating	25	27	22	39	39	39	40	38	40	33	35	36	42
981HH	Nonparticipating	25	27	22	39	38	38	40	38	40	32	35	35	41
984D	Nonparticipating	22	22	17	41	40	40	38	34	40	34	36	37	42
986D	Nonparticipating	22	22	17	39	39	39	38	34	39	32	35	36	41
989D	Nonparticipating	22	22	17	40	40	40	38	34	40	34	36	37	43



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
990D	Nonparticipating	22	22	17	39	38	38	38	34	39	32	35	35	41
991HH	Nonparticipating	25	27	22	40	39	40	40	38	40	32	36	37	43
998D	Nonparticipating	22	22	17	31	29	30	38	34	38	21	25	26	34
999D	Nonparticipating	22	22	17	31	29	31	38	34	38	21	26	26	34
1003L	Nonparticipating	29	25	21	34	32	33	49	45	49	22	27	28	36
1004L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	26	27	34
1005H	Nonparticipating	28	22	20	32	28	30	43	40	43	19	24	25	32
1006H	Nonparticipating	28	22	20	32	28	30	43	40	43	19	24	25	33
1007H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	25	25	33
1008L	Nonparticipating	29	25	21	34	31	32	49	45	49	21	26	27	35
1009L	Nonparticipating	29	25	21	33	31	32	49	45	49	21	26	27	35
1010L	Nonparticipating	29	25	21	33	30	32	49	45	49	21	26	27	35
1011L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	25	26	34
1012L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	25	26	34
1013L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	25	26	34
1014L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	25	26	34
1015L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	26	27	34
1016L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	26	27	34
1017L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	26	27	34
1018L	Nonparticipating	29	25	21	33	30	30	49	45	49	20	25	26	33
1019L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	25	26	33
1020L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	25	26	34
1021L	Nonparticipating	29	25	21	32	30	30	49	45	49	20	25	26	33
1022H	Nonparticipating	28	22	20	32	28	30	43	40	43	19	24	25	32
1023H	Nonparticipating	28	22	20	32	28	30	43	40	43	19	24	25	33
1024L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	25	26	34
1025L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	25	26	34
1026L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	26	27	34
1027L	Nonparticipating	29	25	21	33	31	31	49	45	49	20	26	27	34
1028L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
1029L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
1030L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
1031L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
1032L	Nonparticipating	29	25	21	34	32	32	49	45	49	22	27	28	35
2209H	Nonparticipating	28	22	20	39	37	38	43	40	43	30	34	34	41
2210H	Nonparticipating	28	22	20	39	37	38	43	40	43	30	34	34	41
2213W	Nonparticipating	24	24	19	31	29	30	36	32	36	22	25	26	32
2217W	Nonparticipating	24	24	19	37	35	36	36	32	37	29	32	32	39
2219D	Nonparticipating	22	22	17	31	30	30	38	34	39	24	26	27	36
2220D	Nonparticipating	22	22	17	32	31	31	38	34	39	25	28	29	37
2223D	Nonparticipating	22	22	17	30	29	29	38	34	38	22	25	25	31
2225D	Nonparticipating	22	22	17	29	28	28	38	34	38	22	24	25	32
2226D	Nonparticipating	22	22	17	30	29	29	38	34	39	23	26	26	35
2227W	Nonparticipating	24	24	19	29	28	27	36	32	36	20	23	23	29
2229D	Nonparticipating	22	22	17	27	26	26	38	34	38	18	21	21	28
2230D	Nonparticipating	22	22	17	28	27	27	38	34	38	19	22	23	30
2231D	Nonparticipating	22	22	17	27	26	26	38	34	38	18	21	21	28
2235H	Nonparticipating	28	22	20	30	26	26	43	40	43	18	21	21	28
2236H	Nonparticipating	28	22	20	30	26	27	43	40	43	18	21	22	29
2240B	Nonparticipating	25	21	17	29	26	26	48	42	48	18	21	22	28
2241B	Nonparticipating	25	21	17	29	26	26	48	42	48	18	21	22	28
2242B	Nonparticipating	25	21	17	28	25	25	48	42	48	17	21	21	28
2247H	Nonparticipating	28	22	20	31	27	28	43	40	43	19	23	23	30
2250W	Nonparticipating	24	24	19	28	27	26	36	32	36	18	21	22	28
2251W	Nonparticipating	24	24	19	28	27	27	36	32	36	19	22	23	29
2261W	Nonparticipating	24	24	19	28	27	26	36	32	36	18	21	22	29
2263B	Nonparticipating	25	21	17	27	23	23	48	42	48	14	17	18	24
2264D	Nonparticipating	22	22	17	31	30	30	38	34	39	24	26	27	33
2267B	Nonparticipating	25	21	17	26	22	21	48	42	48	11	14	15	22
2270D	Nonparticipating	22	22	17	24	23	21	38	34	38	11	14	15	22
2271D	Nonparticipating	22	22	17	24	23	21	38	34	38	11	14	15	22
2355D	Nonparticipating	22	22	17	27	25	25	38	34	38	17	20	20	28
2356D	Nonparticipating	22	22	17	28	26	27	38	34	38	19	22	22	29



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2361B	Nonparticipating	25	21	17	27	23	23	48	42	48	14	18	18	25
2362B	Nonparticipating	25	21	17	27	23	23	48	42	48	14	17	17	24
2364H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	26
2365H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	26
2366H	Nonparticipating	28	22	20	29	25	24	43	40	43	15	18	19	25
2369D	Nonparticipating	22	22	17	26	25	24	38	34	38	16	19	19	26
2376B	Nonparticipating	25	21	17	27	24	24	48	42	48	15	18	19	25
2377B	Nonparticipating	25	21	17	27	24	24	48	42	48	15	18	19	25
2384H	Nonparticipating	28	22	20	31	28	28	43	40	43	20	24	24	30
2385H	Nonparticipating	28	22	20	32	29	29	43	40	43	21	24	25	31
2387H	Nonparticipating	28	22	20	32	29	30	43	40	43	22	25	26	32
2388H	Nonparticipating	28	22	20	32	29	30	43	40	43	22	25	25	32
2389H	Nonparticipating	28	22	20	31	28	28	43	40	43	20	23	23	30
2390H	Nonparticipating	28	22	20	31	28	28	43	40	43	20	24	24	31
2391H	Nonparticipating	28	22	20	32	29	29	43	40	43	21	24	25	31
2392H	Nonparticipating	28	22	20	31	28	29	43	40	43	21	24	25	31
2396H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	34
2398H	Nonparticipating	28	22	20	32	29	29	43	40	43	22	25	25	32
2399H	Nonparticipating	28	22	20	31	28	28	43	40	43	20	23	23	29
2400H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
2402H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	28	28	35
2403H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	28	35
2404H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	36
2405H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	36
2406H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	28	28	35
2407H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	36
2409H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	35
2410H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	35
2412H	Nonparticipating	28	22	20	38	36	37	43	40	43	30	33	34	41
2413H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	34	34	41
2414H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	34	34	41

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2415H	Nonparticipating	28	22	20	39	37	38	43	40	43	30	34	34	41
2421H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	34	34	41
2424H	Nonparticipating	28	22	20	40	39	39	43	40	44	32	35	36	42
2425H	Nonparticipating	28	22	20	40	39	39	43	40	44	32	35	36	42
2426H	Nonparticipating	28	22	20	40	39	39	43	40	44	32	35	36	42
2431H	Nonparticipating	28	22	20	40	38	39	43	40	43	32	35	35	42
2432H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	30	37
2433H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	37
2442H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	37
2444H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	30	37
2446H	Nonparticipating	28	22	20	35	32	33	43	40	43	25	29	29	36
2447B	Nonparticipating	25	21	17	42	41	41	48	42	48	35	38	38	43
2450H	Nonparticipating	28	22	20	38	36	37	43	40	43	30	33	33	40
2451H	Nonparticipating	28	22	20	37	36	36	43	40	43	29	32	33	40
2455R	Nonparticipating	24	24	19	39	38	38	36	32	37	31	34	35	41
2456H	Nonparticipating	28	22	20	40	39	40	43	40	44	32	36	36	43
2458B	Nonparticipating	25	21	17	37	36	36	48	42	48	29	32	33	39
2459B	Nonparticipating	25	21	17	36	35	36	48	42	48	29	32	32	39
2464H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	38
2466D	Nonparticipating	22	22	17	29	28	28	38	34	38	20	23	24	30
2470D	Nonparticipating	22	22	17	29	27	28	38	34	38	19	23	23	29
2476W	Nonparticipating	24	24	19	30	29	29	36	32	36	21	24	25	31
2478D	Nonparticipating	22	22	17	25	24	23	38	34	38	15	18	19	25
2488W	Nonparticipating	24	24	19	27	26	25	36	32	36	16	19	19	26
2493B	Nonparticipating	25	21	17	27	24	24	48	42	48	15	19	19	25
2495B	Nonparticipating	25	21	17	28	25	25	48	42	48	16	20	20	26
2570D	Nonparticipating	22	22	17	24	23	22	38	34	38	12	16	16	22
2573D	Nonparticipating	22	22	17	26	24	24	38	34	38	15	18	19	25
2586D	Nonparticipating	22	22	17	26	25	24	38	34	38	16	19	20	26
2590W	Nonparticipating	24	24	19	27	27	26	36	32	36	17	21	21	27
2592H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
2593R	Nonparticipating	24	24	19	35	35	35	36	32	36	27	31	31	37



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2601R	Nonparticipating	24	24	19	35	34	34	36	32	36	27	30	30	37
2602H	Nonparticipating	28	22	20	37	36	37	43	40	43	29	32	33	39
2603W	Nonparticipating	24	24	19	32	31	31	36	32	36	23	27	27	33
2605B	Nonparticipating	25	21	17	38	37	37	48	42	48	29	33	33	39
2606B	Nonparticipating	25	21	17	38	37	37	48	42	48	29	33	33	39
2609D	Nonparticipating	22	22	17	39	38	39	38	34	39	32	35	35	42
2610D	Nonparticipating	22	22	17	41	40	40	38	34	40	33	36	37	43
2612D	Nonparticipating	22	22	17	39	38	39	38	34	39	32	35	35	42
2613D	Nonparticipating	22	22	17	40	39	39	38	34	39	32	35	36	42
2620H	Nonparticipating	28	22	20	43	42	42	43	40	44	35	38	39	45
2624H	Nonparticipating	28	22	20	43	42	42	43	40	44	34	38	39	44
2627H	Nonparticipating	28	22	20	43	42	42	43	40	44	35	38	39	45
2629H	Nonparticipating	28	22	20	43	42	42	43	40	44	35	38	39	45
2630H	Nonparticipating	28	22	20	40	38	39	43	40	43	30	34	35	42
2631H	Nonparticipating	28	22	20	39	38	39	43	40	43	29	34	35	42
2634B	Nonparticipating	25	21	17	37	35	37	48	42	48	27	32	33	40
2640H	Nonparticipating	28	22	20	36	34	35	43	40	43	25	30	31	38
2641H	Nonparticipating	28	22	20	36	34	35	43	40	43	25	30	31	39
2645H	Nonparticipating	28	22	20	37	35	36	43	40	43	27	31	32	40
2646H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	32
2647H	Nonparticipating	28	22	20	31	28	28	43	40	43	19	23	24	32
2653H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	33	34	40
2655H	Nonparticipating	28	22	20	42	41	41	43	40	44	33	37	37	43
2658HH	Nonparticipating	25	27	22	33	32	32	40	38	40	23	27	28	34
2660W	Nonparticipating	24	24	19	28	28	27	36	32	36	18	22	22	29
2661HH	Nonparticipating	25	27	22	30	30	28	40	38	40	19	23	24	31
2662W	Nonparticipating	24	24	19	27	26	25	36	32	36	16	19	20	27
2666D	Nonparticipating	22	22	17	28	27	27	38	34	38	19	23	23	30
2667D	Nonparticipating	22	22	17	27	26	25	38	34	38	16	20	21	27
2670B	Nonparticipating	25	21	17	27	23	22	48	42	48	12	16	16	23
2671B	Nonparticipating	25	21	17	26	22	21	48	42	48	11	14	15	22

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2681B	Nonparticipating	25	21	17	27	23	22	48	42	48	12	16	16	23
2682H	Nonparticipating	28	22	20	29	24	23	43	40	43	12	15	15	22
2685H	Nonparticipating	28	22	20	29	24	24	43	40	43	14	17	17	24
2686H	Nonparticipating	28	22	20	29	25	24	43	40	43	15	18	18	25
2687HH	Nonparticipating	25	27	22	28	28	26	40	38	40	17	20	21	27
2693R	Nonparticipating	24	24	19	31	29	29	36	32	36	20	25	25	32
2695R	Nonparticipating	24	24	19	31	29	29	36	32	36	20	25	25	32
2696R	Nonparticipating	24	24	19	30	29	29	36	32	36	20	24	25	32
2698H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	22	22	29
2701H	Nonparticipating	28	22	20	30	26	26	43	40	43	15	20	20	27
2703H	Nonparticipating	28	22	20	30	27	27	43	40	43	17	21	22	29
2704H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	21	22	29
2707H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	28	35
2790D	Nonparticipating	22	22	17	38	36	37	38	34	39	30	33	34	41
2791R	Nonparticipating	24	24	19	40	39	39	36	32	37	31	35	36	42
2792R	Nonparticipating	24	24	19	37	36	37	36	32	37	29	32	33	39
2793R	Nonparticipating	24	24	19	42	41	42	36	32	39	35	38	39	44
2801HH	Nonparticipating	25	27	22	41	41	41	40	38	41	35	37	38	44
2802R	Nonparticipating	24	24	19	40	40	40	36	32	38	34	36	37	43
2807R	Nonparticipating	24	24	19	39	38	38	36	32	37	30	34	34	41
2808R	Nonparticipating	24	24	19	34	33	34	36	32	36	25	29	30	37
2814R	Nonparticipating	24	24	19	34	33	34	36	32	36	24	29	29	36
2816H	Nonparticipating	28	22	20	36	34	35	43	40	43	26	31	31	38
2817H	Nonparticipating	28	22	20	36	34	35	43	40	43	26	30	31	38
2818H	Nonparticipating	28	22	20	36	34	34	43	40	43	25	30	30	38
2843H	Nonparticipating	28	22	20	33	31	31	43	40	43	22	26	27	34
2844H	Nonparticipating	28	22	20	31	27	28	43	40	43	18	23	23	31
2852H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	23	23	31
2853H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	31
2854H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
2855H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
2858H	Nonparticipating	28	22	20	31	27	27	43	40	43	18	22	22	30





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2861H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	22	22	30
2863H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	20	28
2867H	Nonparticipating	28	22	20	31	26	27	43	40	43	17	21	22	30
2869H	Nonparticipating	28	22	20	31	26	27	43	40	43	17	22	22	30
2871H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	23	23	31
2874H	Nonparticipating	28	22	20	32	29	29	43	40	43	20	24	24	32
2876H	Nonparticipating	28	22	20	32	28	29	43	40	43	20	24	24	32
2877H	Nonparticipating	28	22	20	32	28	29	43	40	43	20	24	24	32
2880H	Nonparticipating	28	22	20	29	25	24	43	40	43	13	17	18	25
2881HH	Nonparticipating	25	27	22	26	27	23	40	38	40	10	14	14	21
2882HH	Nonparticipating	25	27	22	26	27	23	40	38	40	10	14	14	21
2883HH	Nonparticipating	25	27	22	26	27	24	40	38	40	11	15	15	22
2885HH	Nonparticipating	25	27	22	26	27	23	40	38	40	9	13	13	20
2886HH	Nonparticipating	25	27	22	25	27	23	40	38	40	8	12	13	19
2889H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	20
2897H	Nonparticipating	28	22	20	29	23	23	43	40	43	10	14	14	21
2898H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	21
2899H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	21
2900H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	21
2901H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	21
2903H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	21
2904H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	21
2905H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	21
2910H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	20
2911H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	20
2918R	Nonparticipating	24	24	19	30	28	28	36	32	36	19	23	24	31
2920R	Nonparticipating	24	24	19	29	27	28	36	32	36	18	23	23	31
2923H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	24	24	31
2924H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	31
2925H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	23	23	31
2926H	Nonparticipating	28	22	20	31	28	28	43	40	43	19	23	23	31

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2927H	Nonparticipating	28	22	20	32	29	29	43	40	43	19	24	24	32
2928H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	31
2929H	Nonparticipating	28	22	20	32	28	29	43	40	43	19	24	24	32
2930H	Nonparticipating	28	22	20	32	28	29	43	40	43	19	24	24	32
2931H	Nonparticipating	28	22	20	32	28	29	43	40	43	19	24	24	32
2932H	Nonparticipating	28	22	20	32	28	29	43	40	43	19	24	24	31
2933H	Nonparticipating	28	22	20	32	29	29	43	40	43	19	24	24	32
2934R	Nonparticipating	24	24	19	31	29	30	36	32	36	20	25	25	33
2936H	Nonparticipating	28	22	20	33	29	30	43	40	43	21	25	26	34
2937H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	26	34
2938H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	26	34
2939H	Nonparticipating	28	22	20	33	29	31	43	40	43	21	26	26	34
2940H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	25	25	33
2941H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	25	25	33
2942H	Nonparticipating	28	22	20	32	30	30	43	40	43	20	25	26	33
3032R	Nonparticipating	24	24	19	29	28	28	36	32	36	19	23	23	31
3033R	Nonparticipating	24	24	19	30	28	28	36	32	36	19	23	23	31
3035H	Nonparticipating	28	22	20	34	31	33	43	40	43	23	28	28	36
3036H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	27	35
3039H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	27	35
3040H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	27	35
3041H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	28	28	36
3042H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	28	36
3047H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	27	27	34
3048H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	27	34
3049R	Nonparticipating	24	24	19	31	29	30	36	32	36	21	25	25	33
3053R	Nonparticipating	24	24	19	30	29	29	36	32	36	21	25	25	32
3054H	Nonparticipating	28	22	20	31	28	28	43	40	43	19	23	23	32
3055H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	34
3056H	Nonparticipating	28	22	20	33	30	30	43	40	43	21	25	26	34
3057H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	35
3059H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	34



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3060H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	27	34
3061H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	35
3062H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	34
3063H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	27	28	34
3066H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	34
3070H	Nonparticipating	28	22	20	31	28	26	43	40	43	20	24	24	34
3071H	Nonparticipating	28	22	20	31	29	28	43	40	43	21	24	25	34
3082B	Nonparticipating	25	21	17	30	27	28	48	42	48	20	23	24	32
3083B	Nonparticipating	25	21	17	30	27	28	48	42	48	20	23	24	32
3088R	Nonparticipating	24	24	19	28	26	26	36	32	36	16	20	20	29
3089R	Nonparticipating	24	24	19	29	27	27	36	32	36	18	22	22	30
3090R	Nonparticipating	24	24	19	29	27	27	36	32	36	18	22	22	30
3091R	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	30
3097R	Nonparticipating	24	24	19	28	26	26	36	32	36	16	20	21	29
3102R	Nonparticipating	24	24	19	27	26	26	36	32	36	16	20	20	28
3176H	Nonparticipating	28	22	20	30	24	25	43	40	43	14	18	18	26
3177H	Nonparticipating	28	22	20	30	25	26	43	40	43	17	21	21	29
3178H	Nonparticipating	28	22	20	30	25	27	43	40	43	17	21	21	29
3179H	Nonparticipating	28	22	20	29	24	24	43	40	43	12	16	16	25
3182H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	16	16	24
3184HH	Nonparticipating	25	27	22	26	27	23	40	38	40	11	14	15	22
3185HH	Nonparticipating	25	27	22	26	27	23	40	38	40	11	14	15	22
3186D	Nonparticipating	22	22	17	24	22	20	38	34	38	8	12	13	20
3187D	Nonparticipating	22	22	17	24	22	20	38	34	38	9	12	13	20
3189HH	Nonparticipating	25	27	22	25	27	23	40	38	40	8	12	12	20
3190R	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	11	18
3191R	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	11	18
3206H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3207H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	11	12	19
3208H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3212H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3213H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3214H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3215H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3216H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3217H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	11	12	19
3222R	Nonparticipating	24	24	19	24	24	21	36	32	36	8	12	12	19
3235R	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	10	18
3236R	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	10	18
3237R	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	10	17
3238R	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	10	17
3249R	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	10	17
3250R	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	10	18
3261D	Nonparticipating	22	22	17	23	22	20	38	34	38	8	12	12	20
3263B	Nonparticipating	25	21	17	26	21	19	48	42	48	7	11	11	19
3274B	Nonparticipating	25	21	17	26	21	19	48	42	48	7	11	11	19
3275H	Nonparticipating	28	22	20	30	25	26	43	40	43	17	20	21	28
3278H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	21	29
3279H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	21	29
3281H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	21	29
3289D	Nonparticipating	22	22	17	27	25	26	38	34	38	17	21	21	29
3293D	Nonparticipating	22	22	17	27	25	26	38	34	38	17	21	21	29
3299H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	21	29
3300B	Nonparticipating	25	21	17	29	25	26	48	42	48	18	21	21	29
3301B	Nonparticipating	25	21	17	29	25	26	48	42	48	18	21	21	29
3311B	Nonparticipating	25	21	17	28	25	26	48	42	48	18	21	21	29
3313H	Nonparticipating	28	22	20	30	25	26	43	40	43	17	20	21	28
3318H	Nonparticipating	28	22	20	30	26	26	43	40	43	18	21	21	29
3319H	Nonparticipating	28	22	20	29	24	24	43	40	43	14	17	17	26
3322H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	29
3327H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	29
3329D	Nonparticipating	22	22	17	25	24	23	38	34	38	14	18	18	26
3330D	Nonparticipating	22	22	17	25	24	23	38	34	38	14	18	18	26



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3333B	Nonparticipating	25	21	17	26	21	19	48	42	48	7	10	11	19
3334B	Nonparticipating	25	21	17	26	21	19	48	42	48	7	10	11	19
3335D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	10	10	18
3336D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	10	10	18
3337D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	10	10	18
3338H	Nonparticipating	28	22	20	29	22	21	43	40	43	5	8	9	16
3339H	Nonparticipating	28	22	20	29	22	21	43	40	43	5	8	9	16
3342H	Nonparticipating	28	22	20	29	22	21	43	40	43	4	8	8	16
3343H	Nonparticipating	28	22	20	29	22	21	43	40	43	4	8	8	16
3344H	Nonparticipating	28	22	20	29	22	21	43	40	43	4	8	8	16
3349H	Nonparticipating	28	22	20	29	22	21	43	40	43	3	8	8	16
3360H	Nonparticipating	28	22	20	29	22	21	43	40	43	4	8	8	16
3369B	Nonparticipating	25	21	17	26	21	19	48	42	48	4	9	9	17
3370B	Nonparticipating	25	21	17	26	21	19	48	42	48	4	9	9	17
3371B	Nonparticipating	25	21	17	26	21	19	48	42	48	4	9	9	17
3372B	Nonparticipating	25	21	17	26	21	19	48	42	48	6	10	10	19
3373B	Nonparticipating	25	21	17	26	21	19	48	42	48	4	9	9	17
3374B	Nonparticipating	25	21	17	26	21	19	48	42	48	4	9	9	17
3383B	Nonparticipating	25	21	17	26	21	19	48	42	48	5	10	10	19
3384H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	30
3385H	Nonparticipating	28	22	20	30	25	26	43	40	43	15	20	20	28
3386H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3387H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3388H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3389H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3390H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3391H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3392H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3393H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3394H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3395H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3396H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3397H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3398H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3399H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3400H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3403H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3404H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3405H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	27
3406H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	27
3407H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	27
3408H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	27
3409H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	27
3410H	Nonparticipating	28	22	20	29	24	24	43	40	43	13	17	18	26
3411H	Nonparticipating	28	22	20	29	24	24	43	40	43	12	17	17	25
3412H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	18	19	27
3413H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	27
3414H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	27
3415H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	27
3416H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	18	19	27
3421H	Nonparticipating	28	22	20	30	25	26	43	40	43	15	19	20	28
3422H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3423H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3424H	Nonparticipating	28	22	20	30	25	26	43	40	43	15	19	20	28
3426H	Nonparticipating	28	22	20	30	26	26	43	40	43	15	20	21	28
3427H	Nonparticipating	28	22	20	30	26	26	43	40	43	15	19	20	28
3428H	Nonparticipating	28	22	20	30	25	26	43	40	43	15	19	20	28
3429R	Nonparticipating	24	24	19	27	26	26	36	32	36	15	20	21	28
3430R	Nonparticipating	24	24	19	27	26	26	36	32	36	15	20	21	28
3432R	Nonparticipating	24	24	19	26	26	24	36	32	36	14	18	19	27
3433R	Nonparticipating	24	24	19	26	26	24	36	32	36	14	18	19	27
3434R	Nonparticipating	24	24	19	26	26	24	36	32	36	14	19	19	28
3435R	Nonparticipating	24	24	19	27	27	26	36	32	36	15	20	21	29



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3438R	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	30
3440H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	30
3441H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	22	23	30
3442H	Nonparticipating	28	22	20	31	27	28	43	40	43	18	22	23	30
3443H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	31
3444H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	22	23	30
3449H	Nonparticipating	28	22	20	30	26	26	43	40	43	15	20	21	28
3450H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3451H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3452H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3453H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3454H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3455H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3456H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3457H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3458H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3459H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3460H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3462H	Nonparticipating	28	22	20	29	23	21	43	40	43	8	12	13	22
3463H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	13	22
3464H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	13	22
3466H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3467H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3468H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3469H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	22
3470H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	22
3471H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3473H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	15	23
3474H	Nonparticipating	28	22	20	29	23	23	43	40	43	10	14	15	23
3475H	Nonparticipating	28	22	20	29	23	23	43	40	43	11	15	16	24
3476H	Nonparticipating	28	22	20	29	23	23	43	40	43	10	15	15	24

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3477H	Nonparticipating	28	22	20	29	23	23	43	40	43	10	15	15	24
3478H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	15	23
3481HH	Nonparticipating	25	27	22	27	28	24	40	38	40	13	18	18	27
3482HH	Nonparticipating	25	27	22	27	28	25	40	38	40	14	19	20	29
3483HH	Nonparticipating	25	27	22	28	29	27	40	38	40	18	22	23	31
3484HH	Nonparticipating	25	27	22	28	29	27	40	38	40	18	22	23	32
3485HH	Nonparticipating	25	27	22	29	29	27	40	38	40	18	22	23	32
3487HH	Nonparticipating	25	27	22	33	33	32	40	38	40	24	28	29	37
3488HH	Nonparticipating	25	27	22	32	31	31	40	38	40	22	26	27	35
3494HH	Nonparticipating	25	27	22	27	28	25	40	38	40	16	20	21	30
3495HH	Nonparticipating	25	27	22	26	27	23	40	38	40	11	15	16	24
3496H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	16	25
3499H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	15	24
3500H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	15	16	24
3501H	Nonparticipating	28	22	20	29	24	23	43	40	43	12	16	17	25
3502H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	15	24
3503H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	15	24
3505H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	15	15	24
3506H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	23
3508H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	23
3509H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	23
3510H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	23
3511H	Nonparticipating	28	22	20	29	23	21	43	40	43	9	13	13	22
3512H	Nonparticipating	28	22	20	29	23	21	43	40	43	9	13	13	22
3513H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	23
3514H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	23
3515H	Nonparticipating	28	22	20	29	23	21	43	40	43	9	13	14	23
3516H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	23
3517H	Nonparticipating	28	22	20	29	23	21	43	40	43	9	13	14	23
3518H	Nonparticipating	28	22	20	29	23	21	43	40	43	9	13	14	23
3519H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	23
3520H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	23





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3521H	Nonparticipating	28	22	20	29	23	21	43	40	43	8	12	13	22
3522H	Nonparticipating	28	22	20	29	23	21	43	40	43	8	12	13	22
3523H	Nonparticipating	28	22	20	29	23	21	43	40	43	8	12	13	22
3524H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	23
3525H	Nonparticipating	28	22	20	29	23	21	43	40	43	9	13	14	23
3528H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	15	24
3529H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	15	16	25
3530H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	15	24
3531H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	15	24
3532H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	15	16	25
3533H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	16	16	25
3534H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	16	16	25
3535R	Nonparticipating	24	24	19	25	25	22	36	32	36	12	16	17	26
3536H	Nonparticipating	28	22	20	29	24	22	43	40	43	12	16	17	26
3537H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	15	16	25
3538H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	17	18	27
3539H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	17	18	27
3540H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	18	18	27
3541H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	18	18	27
3543H	Nonparticipating	28	22	20	30	25	24	43	40	43	15	19	20	29
3544H	Nonparticipating	28	22	20	30	25	24	43	40	43	16	20	20	29
3545H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	18	19	28
3555H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	18	19	28
3556H	Nonparticipating	28	22	20	30	26	24	43	40	43	16	20	21	30
3559H	Nonparticipating	28	22	20	30	26	25	43	40	43	16	20	21	30
3560H	Nonparticipating	28	22	20	30	26	25	43	40	43	17	20	21	30
3561H	Nonparticipating	28	22	20	30	27	26	43	40	43	18	21	22	32
3562H	Nonparticipating	28	22	20	30	26	25	43	40	43	17	21	21	31
3563H	Nonparticipating	28	22	20	30	26	25	43	40	43	18	22	22	32
3564H	Nonparticipating	28	22	20	30	26	25	43	40	43	17	21	22	31
3565H	Nonparticipating	28	22	20	30	26	24	43	40	43	16	21	21	30

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3566H	Nonparticipating	28	22	20	30	26	25	43	40	43	17	21	22	32
3568H	Nonparticipating	28	22	20	31	27	26	43	40	43	19	22	23	33
3571H	Nonparticipating	28	22	20	30	27	26	43	40	43	18	22	22	32
3572H	Nonparticipating	28	22	20	30	26	25	43	40	43	17	21	22	31
3575H	Nonparticipating	28	22	20	31	27	26	43	40	43	20	23	24	33
3576H	Nonparticipating	28	22	20	30	27	26	43	40	43	19	22	23	32
3577H	Nonparticipating	28	22	20	30	26	25	43	40	43	19	22	22	32
3578H	Nonparticipating	28	22	20	30	27	25	43	40	43	19	22	23	32
3580H	Nonparticipating	28	22	20	30	26	25	43	40	43	18	21	22	31
3581H	Nonparticipating	28	22	20	30	26	25	43	40	43	18	21	22	31
3582H	Nonparticipating	28	22	20	30	26	25	43	40	43	18	21	21	31
3584H	Nonparticipating	28	22	20	29	25	24	43	40	43	16	19	20	29
3585R	Nonparticipating	24	24	19	24	24	21	36	32	36	10	14	14	24
3586R	Nonparticipating	24	24	19	25	24	21	36	32	36	11	15	15	25
3587R	Nonparticipating	24	24	19	25	25	21	36	32	36	12	15	16	25
3588R	Nonparticipating	24	24	19	24	24	21	36	32	36	11	14	14	24
3589R	Nonparticipating	24	24	19	25	25	22	36	32	36	13	17	17	26
3590R	Nonparticipating	24	24	19	25	25	22	36	32	36	13	16	17	26
3593R	Nonparticipating	24	24	19	24	24	20	36	32	36	6	9	10	19
3594D	Nonparticipating	22	22	17	25	24	22	38	34	38	14	17	18	26
3595D	Nonparticipating	22	22	17	25	24	22	38	34	38	14	17	17	26
3596D	Nonparticipating	22	22	17	25	23	22	38	34	38	14	17	17	26
3598D	Nonparticipating	22	22	17	24	23	21	38	34	38	13	16	17	25
3599D	Nonparticipating	22	22	17	24	23	21	38	34	38	13	16	17	25
3600W	Nonparticipating	24	24	19	25	25	22	36	32	36	13	16	17	25
3604R	Nonparticipating	24	24	19	24	24	20	36	32	36	8	11	12	21
3605R	Nonparticipating	24	24	19	24	24	20	36	32	36	8	11	12	21
3606R	Nonparticipating	24	24	19	24	24	20	36	32	36	10	13	13	23
3611R	Nonparticipating	24	24	19	24	24	20	36	32	36	9	13	13	23
3612H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	16	16	26
3614H	Nonparticipating	28	22	20	29	25	24	43	40	43	17	19	20	29
3616R	Nonparticipating	24	24	19	24	24	20	36	32	36	8	11	11	21



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3617R	Nonparticipating	24	24	19	24	24	20	36	32	36	7	11	11	20
3621B	Nonparticipating	25	21	17	26	21	19	48	42	48	7	11	11	19
3622B	Nonparticipating	25	21	17	26	21	19	48	42	48	7	11	11	19
3623B	Nonparticipating	25	21	17	26	21	19	48	42	48	8	11	12	20
3624B	Nonparticipating	25	21	17	26	21	20	48	42	48	8	11	12	20
3625B	Nonparticipating	25	21	17	26	21	20	48	42	48	8	11	12	20
3626B	Nonparticipating	25	21	17	26	21	20	48	42	48	8	11	12	20
3640D	Nonparticipating	22	22	17	26	25	25	38	34	38	16	20	20	26
3651D	Nonparticipating	22	22	17	27	26	25	38	34	38	16	20	21	27
3652D	Nonparticipating	22	22	17	27	26	25	38	34	38	17	20	21	27
3653D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	21	22	28
3657D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	20	21	27
3666H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	33	38
3667H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	31	32	38
3668H	Nonparticipating	28	22	20	43	42	42	43	40	44	33	38	39	44
3670H	Nonparticipating	28	22	20	43	42	42	43	40	44	34	38	39	45
3687H	Nonparticipating	28	22	20	38	36	37	43	40	43	29	32	33	39
3688D	Nonparticipating	22	22	17	28	26	26	38	34	38	18	22	22	28
3689D	Nonparticipating	22	22	17	28	27	27	38	34	38	19	23	23	29
3702B	Nonparticipating	25	21	17	29	26	27	48	42	48	18	22	23	28
3706H	Nonparticipating	28	22	20	30	26	27	43	40	43	18	21	22	28
3707H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	27
3708H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	21	21	27
3709H	Nonparticipating	28	22	20	31	27	27	43	40	43	19	22	23	29
3714H	Nonparticipating	28	22	20	31	27	28	43	40	43	19	23	23	29
3715H	Nonparticipating	28	22	20	31	28	28	43	40	43	20	23	24	30
3716H	Nonparticipating	28	22	20	31	27	28	43	40	43	19	22	23	29
3717H	Nonparticipating	28	22	20	31	28	28	43	40	43	20	23	24	30
3718H	Nonparticipating	28	22	20	31	28	29	43	40	43	20	24	24	30
3726H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	33	39
3727H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	32	38

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3728H	Nonparticipating	28	22	20	37	35	35	43	40	43	28	31	32	38
3729H	Nonparticipating	28	22	20	37	35	36	43	40	43	28	31	32	38
3730H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	32	38
3731H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	32	38
3732H	Nonparticipating	28	22	20	38	36	37	43	40	43	29	32	33	39
3742H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
3743H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
3744H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
3745H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
3746H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	30	37
3747H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	37
3748H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	37
3749H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	37
3750H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
3751H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
3752H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
3753H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
3754H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
3755H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
3758H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
3769H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	30	37
3772H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3773H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33
3774H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3781H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3793H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3794H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33
3795H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3796H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3797H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3798H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33
3799H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3800H	Nonparticipating	28	22	20	32	30	31	43	40	43	22	26	26	33
3801H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33
3802W	Nonparticipating	24	24	19	30	29	29	36	32	36	20	24	24	31
3804H	Nonparticipating	28	22	20	32	29	29	43	40	43	21	24	25	31
3805H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	25	26	32
3806H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	25	26	32
3807H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3808H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3809H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3810H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	25	26	32
3811H	Nonparticipating	28	22	20	32	29	30	43	40	43	22	25	26	32
3812H	Nonparticipating	28	22	20	32	29	30	43	40	43	21	25	25	32
3813H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3814H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3815H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33
3816H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3817H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3818H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3819H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3820H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3821H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3822H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3823H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3824H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3825H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33
3826H	Nonparticipating	28	22	20	32	30	30	43	40	43	23	26	27	33
3827H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33
3828H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33
3829H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3830H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3831H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3832H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33
3833H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3834H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3845H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3846H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3847H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	25	26	32
3848H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	32
3849H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	33
3850H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3851H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3860H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	26	33
3861H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	26	26	33
3862H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3863H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3864H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3865H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3866H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3867H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	27	27	33
3868H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3869H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3870H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3871H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3872H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3873H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
3874H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	27	27	33
3875H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	33
3876H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	33
3877H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	33
3878H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	34
3879H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	34
3880H	Nonparticipating	28	22	20	33	31	31	43	40	43	24	27	28	34
3881H	Nonparticipating	28	22	20	33	31	31	43	40	43	24	27	28	34



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3882H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
3883H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
3884H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	34
3885H	Nonparticipating	28	22	20	33	31	31	43	40	43	24	27	28	34
3886H	Nonparticipating	28	22	20	33	31	31	43	40	43	24	27	28	34
3887H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
3888H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
3889H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
3898H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
3899H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
3900H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	34
3910H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	28	28	34
3911H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	28	28	34
3912H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	27	28	34
3913H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
3914H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
3915H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	35
3916H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
3917H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
3918H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
3919H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
3920H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
3921H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
3922H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	35
3940H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	35
3941H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
3942H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
3943H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	29	29	35
3944H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	29	29	35
3945H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	29	29	36
3946H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	29	29	36

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3947H	Nonparticipating	28	22	20	34	33	33	43	40	43	25	29	29	36
3948H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	29	36
3949H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	29	36
3950H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
3951H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
3952H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	29	29	35
3953H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
3954H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	29	29	35
3955H	Nonparticipating	28	22	20	35	33	33	43	40	43	25	29	29	36
3956H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	29	36
3957H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
3958H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
3959H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
3960H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
3961H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
3962H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
3963H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
3964H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
3965H	Nonparticipating	28	22	20	34	33	33	43	40	43	25	29	29	36
3968H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	27	28	34
3969H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
3970H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	35
3971H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
3972H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	35
3973H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
3974H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
3975H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	35
3976H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
3977H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
3978H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	29	29	35
3979H	Nonparticipating	28	22	20	34	33	33	43	40	43	25	29	29	35
3980H	Nonparticipating	28	22	20	34	32	33	43	40	43	24	28	29	35





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3981H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	35
3982H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	36
3983H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	36
3984H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
3985H	Nonparticipating	28	22	20	35	33	33	43	40	43	25	29	29	35
3986H	Nonparticipating	28	22	20	35	33	33	43	40	43	25	29	30	35
3987H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	36
4010H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	31	38
4015HH	Nonparticipating	25	27	22	36	35	35	40	38	40	29	31	32	38
4016HH	Nonparticipating	25	27	22	36	35	35	40	38	40	29	31	32	38
4017HH	Nonparticipating	25	27	22	36	35	35	40	38	40	28	31	32	38
4018HH	Nonparticipating	25	27	22	37	36	36	40	38	40	29	32	32	39
4021HH	Nonparticipating	25	27	22	36	36	36	40	38	40	28	31	32	37
4025H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	32	37
4031H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	28	33
4032H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4033H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	34
4034H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4035H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4036H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4043H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	27	32
4044H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	27	28	34
4048H	Nonparticipating	28	22	20	41	41	41	43	40	44	32	36	37	43
4049H	Nonparticipating	28	22	20	40	40	40	43	40	43	31	35	36	42
4050H	Nonparticipating	28	22	20	39	38	39	43	40	43	30	34	35	41
4051H	Nonparticipating	28	22	20	41	40	40	43	40	43	31	35	36	42
4052H	Nonparticipating	28	22	20	40	39	40	43	40	43	31	35	36	42
4053H	Nonparticipating	28	22	20	41	40	40	43	40	43	31	35	36	42
4054HH	Nonparticipating	25	27	22	41	40	40	40	38	40	31	36	36	43
4056H	Nonparticipating	28	22	20	40	39	39	43	40	43	30	35	35	42
4057H	Nonparticipating	28	22	20	40	39	39	43	40	43	30	34	35	42

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4058HH	Nonparticipating	25	27	22	41	40	40	40	38	40	33	36	37	43
4059H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	33	34	40
4066H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	36
4067H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4074H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	33
4083HH	Nonparticipating	25	27	22	40	40	39	40	38	40	33	36	36	42
4084HH	Nonparticipating	25	27	22	39	39	39	40	38	40	33	35	36	41
4085HH	Nonparticipating	25	27	22	39	39	39	40	38	40	32	35	35	41
4086H	Nonparticipating	28	22	20	37	36	36	43	40	43	27	32	32	38
4087H	Nonparticipating	28	22	20	35	34	34	43	40	43	25	30	30	37
4088H	Nonparticipating	28	22	20	35	34	34	43	40	43	25	30	30	37
4092H	Nonparticipating	28	22	20	32	30	30	43	40	43	21	25	26	32
4093H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	33
4094H	Nonparticipating	28	22	20	32	30	30	43	40	43	21	25	26	32
4095H	Nonparticipating	28	22	20	32	30	30	43	40	43	21	25	26	32
4096H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	26	33
4097H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	26	33
4098H	Nonparticipating	28	22	20	33	31	31	43	40	43	22	27	27	34
4099H	Nonparticipating	28	22	20	34	32	32	43	40	43	23	28	28	35
4102H	Nonparticipating	28	22	20	34	32	32	43	40	43	23	28	28	35
4106HH	Nonparticipating	25	27	22	38	37	37	40	38	40	32	34	34	41
4109HH	Nonparticipating	25	27	22	31	31	30	40	38	40	21	25	26	33
4114HH	Nonparticipating	25	27	22	32	32	32	40	38	40	23	27	27	35
4118H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	13	21
4119H	Nonparticipating	28	22	20	29	23	23	43	40	43	10	14	14	22
4120H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	22
4123W	Nonparticipating	24	24	19	26	25	24	36	32	36	15	18	19	26
4124W	Nonparticipating	24	24	19	26	25	24	36	32	36	15	18	19	26
4125W	Nonparticipating	24	24	19	25	25	23	36	32	36	13	16	17	24
4126H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	12	13	20
4128H	Nonparticipating	28	22	20	32	30	30	43	40	43	20	25	26	32
4129H	Nonparticipating	28	22	20	32	30	30	43	40	43	20	25	26	32



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4130H	Nonparticipating	28	22	20	32	30	31	43	40	43	20	25	26	33
4131H	Nonparticipating	28	22	20	35	34	34	43	40	43	25	30	31	37
4138H	Nonparticipating	28	22	20	34	33	33	43	40	43	24	28	29	35
4139H	Nonparticipating	28	22	20	34	33	33	43	40	43	24	28	29	35
4142HH	Nonparticipating	25	27	22	32	31	31	40	38	40	22	26	27	32
4143HH	Nonparticipating	25	27	22	30	30	29	40	38	40	19	24	24	30
4152D	Nonparticipating	22	22	17	25	23	22	38	34	38	12	16	17	23
4156D	Nonparticipating	22	22	17	25	24	23	38	34	38	13	17	18	24
4160HH	Nonparticipating	25	27	22	33	33	32	40	38	40	23	27	28	34
4161HH	Nonparticipating	25	27	22	33	33	33	40	38	40	24	28	29	34
4162HH	Nonparticipating	25	27	22	33	32	32	40	38	40	23	27	28	33
4164H	Nonparticipating	28	22	20	36	35	35	43	40	43	25	30	31	37
4165H	Nonparticipating	28	22	20	35	34	34	43	40	43	25	30	30	36
4166H	Nonparticipating	28	22	20	35	34	34	43	40	43	25	29	30	36
4168H	Nonparticipating	28	22	20	36	34	34	43	40	43	25	30	31	36
4175H	Nonparticipating	28	22	20	35	33	34	43	40	43	25	29	30	36
4176H	Nonparticipating	28	22	20	35	34	34	43	40	43	25	29	30	36
4180H	Nonparticipating	28	22	20	36	35	35	43	40	43	25	30	31	37
4181H	Nonparticipating	28	22	20	34	33	33	43	40	43	24	28	29	35
4190H	Nonparticipating	28	22	20	36	35	35	43	40	43	25	30	31	37
4191H	Nonparticipating	28	22	20	34	32	32	43	40	43	23	28	29	35
4192H	Nonparticipating	28	22	20	36	35	35	43	40	43	25	30	31	37
4193H	Nonparticipating	28	22	20	33	32	32	43	40	43	23	27	28	33
4194H	Nonparticipating	28	22	20	33	31	31	43	40	43	22	27	28	33
4207H	Nonparticipating	28	22	20	35	33	34	43	40	43	25	29	30	36
4208H	Nonparticipating	28	22	20	34	32	32	43	40	43	23	27	28	34
4209H	Nonparticipating	28	22	20	36	35	35	43	40	43	26	30	31	37
4210HH	Nonparticipating	25	27	22	34	34	34	40	38	40	25	29	30	35
4223H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	36
4224H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	30	37
4225H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	30	37

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4226H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	30	37
4227H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	30	37
4229H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	36
4230H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	37
4240L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
4241L	Nonparticipating	29	25	21	31	29	28	49	45	49	18	23	24	31
4242L	Nonparticipating	29	25	21	33	32	32	49	45	49	22	26	27	34
4249H	Nonparticipating	28	22	20	38	36	37	43	40	43	30	33	33	40
4251H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	30	36
4252H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4253H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	30	36
4254H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
4261H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	30	36
4262H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	29	36
4268H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
4269H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
4270H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
4271H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
4272H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	29	29	35
4273H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
4274H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
4275H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
4276H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
4277H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	35
4278H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	35
4279H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4280H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	28	28	34
4281H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4282H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4283H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4284H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4285H	Nonparticipating	28	22	20	33	31	31	43	40	43	24	27	28	34



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4286H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4287H	Nonparticipating	28	22	20	33	31	31	43	40	43	24	27	28	34
4288H	Nonparticipating	28	22	20	33	31	31	43	40	43	24	27	28	34
4289H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4290H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4291H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4292H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4293H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4294H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4295H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4296H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4297H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4298H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4299H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4300H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	28	28	34
4301H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	28	28	34
4302H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4303H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4304H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
4305H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4306H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4307H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4308H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	35
4309H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	34
4310H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	35
4311H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4312H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4313H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4314H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4315H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4316H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4317H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4318H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4321H	Nonparticipating	28	22	20	34	33	33	43	40	43	25	29	29	35
4322H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	33
4324H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	27	27	33
4325H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	33
4326H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	33
4327H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4328H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4329H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4330H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4339H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4340H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4341H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4342H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4343W	Nonparticipating	24	24	19	28	27	27	36	32	36	18	21	22	28
4344W	Nonparticipating	24	24	19	28	27	27	36	32	36	18	21	22	28
4345W	Nonparticipating	24	24	19	27	27	26	36	32	36	17	21	21	27
4349W	Nonparticipating	24	24	19	29	28	27	36	32	36	19	22	23	29
4350W	Nonparticipating	24	24	19	29	28	28	36	32	36	19	22	23	29
4351W	Nonparticipating	24	24	19	28	27	27	36	32	36	18	21	22	28
4352W	Nonparticipating	24	24	19	28	27	27	36	32	36	18	22	23	28
4353H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4354H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4355H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4356H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	34
4357H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	27	28	34
4358H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	27	28	34
4359H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4360H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4361H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4362H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	35



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4363H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	35
4364H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	35
4365H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	35
4366H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	35
4367H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
4368H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
4369H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
4370H	Nonparticipating	28	22	20	34	32	33	43	40	43	24	28	29	35
4371H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	35
4372H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	35
4373H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4374H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4375H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4376H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4377H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	28	28	34
4378H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	27	28	34
4379H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	27	28	34
4383R	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	21	29
4384R	Nonparticipating	24	24	19	29	27	27	36	32	36	18	22	23	31
4385R	Nonparticipating	24	24	19	30	28	28	36	32	36	19	23	24	32
4386R	Nonparticipating	24	24	19	30	29	29	36	32	36	19	24	24	32
4387W	Nonparticipating	24	24	19	27	26	26	36	32	36	16	20	20	28
4388W	Nonparticipating	24	24	19	28	27	26	36	32	36	17	21	21	29
4395W	Nonparticipating	24	24	19	30	28	29	36	32	36	20	24	24	32
4396W	Nonparticipating	24	24	19	30	28	29	36	32	36	20	24	24	32
4397D	Nonparticipating	22	22	17	29	27	27	38	34	38	19	23	23	31
4398D	Nonparticipating	22	22	17	29	27	28	38	34	38	19	23	23	31
4405B	Nonparticipating	25	21	17	31	29	29	48	42	48	22	25	25	32
4407W	Nonparticipating	24	24	19	28	27	27	36	32	36	19	22	23	29
4408W	Nonparticipating	24	24	19	28	27	27	36	32	36	19	22	23	29
4410D	Nonparticipating	22	22	17	26	24	24	38	34	38	15	19	19	27

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4411D	Nonparticipating	22	22	17	26	25	25	38	34	38	16	19	20	27
4412D	Nonparticipating	22	22	17	27	25	26	38	34	38	17	21	21	29
4413D	Nonparticipating	22	22	17	27	25	26	38	34	38	17	21	21	29
4418B	Nonparticipating	25	21	17	26	22	21	48	42	48	11	15	15	23
4421D	Nonparticipating	22	22	17	25	23	22	38	34	38	13	17	17	24
4423H	Nonparticipating	28	22	20	29	24	24	43	40	43	13	17	17	24
4424H	Nonparticipating	28	22	20	29	24	24	43	40	43	13	17	17	24
4425B	Nonparticipating	25	21	17	27	23	22	48	42	48	13	16	16	24
4426B	Nonparticipating	25	21	17	27	23	22	48	42	48	13	16	17	24
4432H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	16	16	24
4436B	Nonparticipating	25	21	17	26	23	22	48	42	48	12	16	16	23
4442B	Nonparticipating	25	21	17	26	22	21	48	42	48	11	15	15	23
4444H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	22
4445H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	21
4446H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	13	21
4447D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
4448W	Nonparticipating	24	24	19	40	40	40	36	32	38	33	36	37	43
4449H	Nonparticipating	28	22	20	43	43	43	43	40	44	36	39	40	45
4450HH	Nonparticipating	25	27	22	35	34	34	40	38	40	27	30	31	39
4453W	Nonparticipating	24	24	19	28	27	27	36	32	36	16	21	21	28
4454D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	21	22	28
4456H	Nonparticipating	28	22	20	30	26	27	43	40	43	16	21	21	29
4457H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	19	27
4458H	Nonparticipating	28	22	20	30	25	26	43	40	43	15	19	20	28
4459H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	27
4460D	Nonparticipating	22	22	17	28	27	27	38	34	38	17	22	23	30
4462H	Nonparticipating	28	22	20	38	37	38	43	40	43	29	33	34	40
4463H	Nonparticipating	28	22	20	40	39	40	43	40	43	31	35	36	42
4465D	Nonparticipating	22	22	17	35	34	34	38	34	39	27	30	31	38
4468HH	Nonparticipating	25	27	22	41	41	41	40	38	41	34	37	37	43
4470W	Nonparticipating	24	24	19	40	40	40	36	32	38	34	36	37	42
4472H	Nonparticipating	28	22	20	32	30	30	43	40	43	21	25	26	32



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4473HH	Nonparticipating	25	27	22	39	38	38	40	38	40	32	34	35	40
4475HH	Nonparticipating	25	27	22	32	32	31	40	38	40	22	27	27	34
4476D	Nonparticipating	22	22	17	36	36	36	38	34	39	26	31	32	39
4480D	Nonparticipating	22	22	17	30	29	29	38	34	39	23	25	26	33
4481W	Nonparticipating	24	24	19	32	31	31	36	32	36	25	28	29	38
4483H	Nonparticipating	28	22	20	38	37	37	43	40	43	30	33	34	40
4490H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	36	42
4492D	Nonparticipating	22	22	17	27	25	25	38	34	38	17	20	21	28
4494D	Nonparticipating	22	22	17	36	36	36	38	34	39	29	32	33	40
4499H	Nonparticipating	28	22	20	36	34	35	43	40	43	27	31	31	38
4501H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	38
4503D	Nonparticipating	22	22	17	25	23	22	38	34	38	13	16	17	23
4504H	Nonparticipating	28	22	20	37	34	36	43	40	43	26	31	32	39
4506D	Nonparticipating	22	22	17	39	38	39	38	34	39	31	35	35	41
4507D	Nonparticipating	22	22	17	27	25	25	38	34	38	16	20	20	27
4509D	Nonparticipating	22	22	17	24	23	21	38	34	38	10	14	14	21
4510H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	13	20
4518H	Nonparticipating	28	22	20	29	23	23	43	40	43	11	14	15	22
4520H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	15	22
4521H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	16	16	23
4524H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	21
4525H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	15	22
4527H	Nonparticipating	28	22	20	29	23	23	43	40	43	11	14	14	21
Maximum					43	43	43			49	36	39	40	45
Minimum					23	21	18			36	1	6	6	13
Average					32	29	29			42	19	23	24	31
<b>Participating</b>														
334D	Participating	22	22	17	27	26	26	38	34	38	15	20	21	27
426D	Participating	22	22	17	41	40	41	38	34	40	34	37	37	44
549H	Participating	28	22	20	42	41	41	43	40	44	35	37	38	43
575D	Participating	22	22	17	40	39	39	38	34	39	33	36	37	45

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
578H	Participating	28	22	20	41	40	41	43	40	44	34	37	37	43
583H	Participating	28	22	20	42	41	41	43	40	44	34	37	38	45
590H	Participating	28	22	20	42	41	41	43	40	44	35	37	38	43
607H	Participating	28	22	20	41	40	41	43	40	44	34	37	37	44
609B	Participating	25	21	17	42	40	41	48	42	48	35	37	38	45
633H	Participating	28	22	20	39	38	38	43	40	43	31	34	35	41
649H	Participating	28	22	20	39	39	39	43	40	43	31	35	35	41
670D	Participating	22	22	17	38	37	37	38	34	39	31	34	34	40
778W	Participating	24	24	19	36	34	35	36	32	36	27	31	31	38
888B	Participating	25	21	17	42	42	42	48	42	48	34	38	38	44
903HH	Participating	25	27	22	36	35	36	40	38	40	29	32	32	39
907W	Participating	24	24	19	42	41	41	36	32	38	34	37	38	43
916L	Participating	29	25	21	35	33	33	49	45	49	23	28	29	38
969B	Participating	25	21	17	36	35	36	48	42	48	27	31	32	40
979HH	Participating	25	27	22	40	39	39	40	38	40	33	35	36	42
2371D	Participating	22	22	17	25	24	23	38	34	38	14	17	17	24
2468D	Participating	22	22	17	30	29	29	38	34	38	21	25	25	32
2481B	Participating	25	21	17	26	23	22	48	42	48	12	16	16	22
2575B	Participating	25	21	17	27	23	23	48	42	48	14	17	18	24
2581B	Participating	25	21	17	27	23	22	48	42	48	13	17	17	24
2616D	Participating	22	22	17	40	40	40	38	34	39	33	36	37	42
2651H	Participating	28	22	20	42	41	41	43	40	44	33	37	37	43
2665D	Participating	22	22	17	28	27	27	38	34	38	19	22	23	29
2668D	Participating	22	22	17	25	24	22	38	34	38	13	17	17	24
2689R	Participating	24	24	19	31	30	30	36	32	36	21	25	25	32
2800HH	Participating	25	27	22	43	42	42	40	38	41	36	38	39	44
2835R	Participating	24	24	19	40	38	40	36	32	37	31	35	35	43
2836R	Participating	24	24	19	39	37	39	36	32	37	30	34	34	42
3072H	Participating	28	22	20	31	28	27	43	40	43	21	25	25	35
3081H	Participating	28	22	20	31	28	27	43	40	43	22	25	25	35
4107HH	Participating	25	27	22	34	33	33	40	38	40	24	28	29	35
4108HH	Participating	25	27	22	33	33	32	40	38	40	25	28	29	36



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L8h (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4110HH	Participating	25	27	22	32	31	31	40	38	40	22	26	26	34
4246HH	Participating	25	27	22	37	36	36	40	38	40	29	32	33	39
4394B	Participating	25	21	17	29	27	27	48	42	48	20	23	23	30
4409D	Participating	22	22	17	27	25	25	38	34	38	17	20	21	28
4464HH	Participating	25	27	22	40	39	40	40	38	40	31	35	36	42
4471W	Participating	24	24	19	41	40	41	36	32	38	34	37	37	44
4478B	Participating	25	21	17	42	42	42	48	42	48	34	38	39	44
4493W	Participating	24	24	19	28	27	27	36	32	36	19	22	23	29
4495D	Participating	22	22	17	37	36	37	38	34	39	30	33	34	41
Maximum					43	42	42			49	36	38	39	45
Minimum					25	23	22			36	12	16	16	22
Average					36	34	34			42	27	30	31	37

**TABLE 34: ANNUALIZED MODELING RESULTS - LOW WIND PERIODS EXCLUDED  
(ARTICLE 10/STIPULATION 19(F))**

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
<b>Property Line</b>														
Cohocton2D	Property Line	22	22	17	45	43	45	38	34	41	39	41	42	48
Cohocton4W	Property Line	24	24	19	48	47	48	36	32	42	41	44	45	50
Fremont1R	Property Line	24	24	19	48	47	48	36	32	43	43	44	45	49
Dansville1D	Property Line	22	22	17	48	47	48	38	34	44	42	44	45	49
Cohocton1D	Property Line	22	22	17	45	44	45	38	34	42	40	41	42	47
Wayland1W	Property Line	24	24	19	46	46	46	36	32	42	41	43	43	47
Fremont2R	Property Line	24	24	19	44	42	45	36	32	40	38	40	40	47
Wayland2D	Property Line	22	22	17	40	39	39	38	34	40	35	36	37	44
Cohocton5D	Property Line	22	22	17	41	40	41	38	34	40	36	37	38	44
Cohocton3W	Property Line	24	24	19	42	41	42	36	32	39	37	38	39	44
Maximum					48	47	48			44	43	44	45	50
Minimum					40	39	39			39	35	36	37	44
Average					45	43	45			41	39	41	42	47
<b>Nonparticipating</b>														
1HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	8	9	14
2HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	8	9	14
3HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	8	9	15
4HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	8	9	15
10H	Nonparticipating	28	22	20	29	23	21	43	40	43	5	8	9	15
17H	Nonparticipating	28	22	20	29	23	21	43	40	43	5	9	10	15
22H	Nonparticipating	28	22	20	29	23	21	43	40	43	5	9	10	15
23H	Nonparticipating	28	22	20	29	23	21	43	40	43	5	9	10	15
24H	Nonparticipating	28	22	20	29	23	21	43	40	43	5	9	10	15
25HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	10	16
31HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	10	16
36HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	10	16
37HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	9	11	16
38HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	11	16
39HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	10	16
40HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	10	11	16



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
41HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	11	16
42HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	16
43HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	10	11	16
44HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	16
45HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	17
46HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	17
47HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	16
48HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	16
49HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	16
54HH	Nonparticipating	25	27	22	25	27	22	40	38	40	7	11	12	17
55R	Nonparticipating	24	24	19	24	24	21	36	32	36	6	10	12	17
56R	Nonparticipating	24	24	19	24	24	21	36	32	36	6	11	12	17
62HH	Nonparticipating	25	27	22	25	27	23	40	38	40	7	11	12	18
63HH	Nonparticipating	25	27	22	26	27	23	40	38	40	9	13	14	20
64B	Nonparticipating	25	21	17	26	22	21	48	42	48	9	13	15	20
65B	Nonparticipating	25	21	17	26	22	20	48	42	48	7	12	13	18
74HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	12	17
75D	Nonparticipating	22	22	17	23	22	19	38	34	38	7	11	13	18
77D	Nonparticipating	22	22	17	23	22	20	38	34	38	8	12	13	19
78D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	13	14	20
79D	Nonparticipating	22	22	17	25	23	22	38	34	38	12	16	17	23
80D	Nonparticipating	22	22	17	25	23	22	38	34	38	12	16	17	23
81D	Nonparticipating	22	22	17	25	23	23	38	34	38	12	16	17	23
82D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	13	15	20
83B	Nonparticipating	25	21	17	26	22	21	48	42	48	11	14	16	21
85HH	Nonparticipating	25	27	22	25	27	23	40	38	40	7	11	12	18
86HH	Nonparticipating	25	27	22	25	27	23	40	38	40	7	11	12	18
90HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	17
92W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	9	10	16
94W	Nonparticipating	24	24	19	24	24	20	36	32	36	6	9	11	16
95B	Nonparticipating	25	21	17	26	21	19	48	42	48	6	9	10	16
98D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	10	11	16
99B	Nonparticipating	25	21	17	26	21	19	48	42	48	7	11	12	18

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
103D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	10	11	16
108W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	13	18
109W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	12	13	18
110HH	Nonparticipating	25	27	22	25	27	23	40	38	40	7	11	12	18
111W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	13	18
112HH	Nonparticipating	25	27	22	25	27	23	40	38	40	7	11	12	18
120D	Nonparticipating	22	22	17	26	25	25	38	34	38	15	19	21	26
121D	Nonparticipating	22	22	17	26	25	25	38	34	38	15	19	20	26
125D	Nonparticipating	22	22	17	26	25	25	38	34	38	16	19	21	26
126D	Nonparticipating	22	22	17	27	25	25	38	34	38	16	20	21	26
130D	Nonparticipating	22	22	17	27	25	26	38	34	38	16	20	21	27
131D	Nonparticipating	22	22	17	24	23	22	38	34	38	10	14	16	22
133D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	21	22	27
134D	Nonparticipating	22	22	17	26	24	24	38	34	38	15	18	19	25
135D	Nonparticipating	22	22	17	25	24	23	38	34	38	14	17	18	24
136D	Nonparticipating	22	22	17	25	24	23	38	34	38	14	17	18	23
137D	Nonparticipating	22	22	17	25	24	23	38	34	38	14	17	18	23
138D	Nonparticipating	22	22	17	25	24	23	38	34	38	14	17	18	23
139D	Nonparticipating	22	22	17	24	23	20	38	34	38	9	13	14	19
140D	Nonparticipating	22	22	17	23	22	19	38	34	38	7	11	12	17
142W	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	11	16
143W	Nonparticipating	24	24	19	24	24	20	36	32	36	6	9	10	16
144B	Nonparticipating	25	21	17	26	21	19	48	42	48	6	9	11	16
147D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	9	10	16
150D	Nonparticipating	22	22	17	23	22	19	38	34	38	5	9	10	15
154W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	12	17
155W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	12	17
157W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	12	17
158W	Nonparticipating	24	24	19	24	24	21	36	32	36	8	13	14	19
160W	Nonparticipating	24	24	19	24	24	21	36	32	36	8	12	13	18
165W	Nonparticipating	24	24	19	25	24	21	36	32	36	9	13	14	19
166W	Nonparticipating	24	24	19	25	24	21	36	32	36	9	13	14	19
168D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	13	15	20



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
170D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	13	15	20
171D	Nonparticipating	22	22	17	28	27	27	38	34	38	18	22	23	28
175W	Nonparticipating	24	24	19	28	27	27	36	32	36	18	21	22	28
178D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	20	22	27
183W	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	28
184W	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	28
185D	Nonparticipating	22	22	17	28	26	27	38	34	38	18	21	23	28
186D	Nonparticipating	22	22	17	28	26	27	38	34	38	18	21	22	28
187D	Nonparticipating	22	22	17	28	27	28	38	34	38	19	22	23	29
188D	Nonparticipating	22	22	17	28	27	27	38	34	38	19	22	23	29
195D	Nonparticipating	22	22	17	29	27	28	38	34	38	19	22	24	29
197D	Nonparticipating	22	22	17	29	27	28	38	34	38	18	22	24	29
198B	Nonparticipating	25	21	17	28	24	25	48	42	48	15	19	20	26
199D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	22	27
200D	Nonparticipating	22	22	17	26	24	24	38	34	38	14	18	19	25
203E	Nonparticipating	22	22	17	27	25	26	38	34	38	16	20	21	27
204E	Nonparticipating	22	22	17	27	26	26	38	34	38	17	21	22	27
206E	Nonparticipating	22	22	17	27	26	26	38	34	38	17	20	22	27
207E	Nonparticipating	22	22	17	27	26	26	38	34	38	17	21	22	27
208W	Nonparticipating	24	24	19	28	27	27	36	32	36	18	21	23	28
209W	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	28
210W	Nonparticipating	24	24	19	28	27	27	36	32	36	17	20	22	27
211W	Nonparticipating	24	24	19	28	27	27	36	32	36	17	20	22	27
214W	Nonparticipating	24	24	19	28	26	26	36	32	36	17	20	22	27
215W	Nonparticipating	24	24	19	28	26	26	36	32	36	17	20	21	27
216W	Nonparticipating	24	24	19	27	26	25	36	32	36	15	19	20	26
217W	Nonparticipating	24	24	19	27	26	26	36	32	36	16	19	21	26
218W	Nonparticipating	24	24	19	27	26	26	36	32	36	16	20	21	26
220W	Nonparticipating	24	24	19	27	26	26	36	32	36	17	20	21	27
221W	Nonparticipating	24	24	19	27	26	26	36	32	36	16	19	21	26
222W	Nonparticipating	24	24	19	28	27	27	36	32	36	18	22	23	28
225W	Nonparticipating	24	24	19	28	27	27	36	32	36	18	22	23	28
229W	Nonparticipating	24	24	19	27	27	26	36	32	36	16	20	21	26

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
230W	Nonparticipating	24	24	19	27	27	26	36	32	36	16	20	22	27
231D	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	25
232W	Nonparticipating	24	24	19	25	24	22	36	32	36	9	13	15	19
233W	Nonparticipating	24	24	19	25	24	22	36	32	36	9	13	14	19
234W	Nonparticipating	24	24	19	25	24	22	36	32	36	9	13	15	19
235W	Nonparticipating	24	24	19	25	24	22	36	32	36	9	13	14	19
236D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	21	22	27
237D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	17	19	23
240D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	20	22	27
241D	Nonparticipating	22	22	17	26	25	25	38	34	38	15	19	20	25
242D	Nonparticipating	22	22	17	23	22	20	38	34	38	8	12	13	18
243D	Nonparticipating	22	22	17	23	22	20	38	34	38	8	12	13	18
247D	Nonparticipating	22	22	17	23	23	20	38	34	38	8	12	14	19
250D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	11	13	18
251W	Nonparticipating	24	24	19	24	24	21	36	32	36	8	11	13	18
254W	Nonparticipating	24	24	19	24	24	21	36	32	36	9	13	14	19
255W	Nonparticipating	24	24	19	25	24	21	36	32	36	9	13	14	19
256W	Nonparticipating	24	24	19	25	25	22	36	32	36	10	14	15	20
257D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	21	22	27
258D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	26
260W	Nonparticipating	24	24	19	25	25	23	36	32	36	11	15	17	22
261W	Nonparticipating	24	24	19	28	28	28	36	32	36	19	22	23	29
263W	Nonparticipating	24	24	19	27	27	26	36	32	36	17	20	21	27
264W	Nonparticipating	24	24	19	26	25	23	36	32	36	12	16	18	23
265W	Nonparticipating	24	24	19	26	25	23	36	32	36	12	16	18	23
267W	Nonparticipating	24	24	19	26	25	24	36	32	36	13	17	18	23
268W	Nonparticipating	24	24	19	26	25	24	36	32	36	13	17	18	23
269W	Nonparticipating	24	24	19	26	25	24	36	32	36	13	17	18	24
272W	Nonparticipating	24	24	19	29	27	28	36	32	36	19	22	23	29
273W	Nonparticipating	24	24	19	26	25	24	36	32	36	13	17	19	24
275H	Nonparticipating	28	22	20	32	28	29	43	40	43	20	24	25	30
276H	Nonparticipating	28	22	20	31	28	29	43	40	43	20	23	24	30
277H	Nonparticipating	28	22	20	31	28	29	43	40	43	20	23	25	30





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
278H	Nonparticipating	28	22	20	32	28	29	43	40	43	20	24	25	31
279H	Nonparticipating	28	22	20	32	28	29	43	40	43	20	24	25	31
281H	Nonparticipating	28	22	20	31	27	28	43	40	43	19	22	23	29
282H	Nonparticipating	28	22	20	32	28	30	43	40	43	20	24	26	31
283D	Nonparticipating	22	22	17	29	27	29	38	34	38	19	23	24	30
284D	Nonparticipating	22	22	17	30	29	30	38	34	38	22	25	26	31
285D	Nonparticipating	22	22	17	29	28	29	38	34	38	20	24	25	30
286H	Nonparticipating	28	22	20	31	27	28	43	40	43	19	23	24	30
287H	Nonparticipating	28	22	20	31	27	29	43	40	43	19	23	24	30
289H	Nonparticipating	28	22	20	31	27	29	43	40	43	19	23	24	30
290H	Nonparticipating	28	22	20	31	27	28	43	40	43	19	22	23	29
292H	Nonparticipating	28	22	20	31	27	28	43	40	43	19	23	24	30
293D	Nonparticipating	22	22	17	30	29	30	38	34	38	22	25	26	31
294D	Nonparticipating	22	22	17	30	29	29	38	34	38	21	24	26	31
296W	Nonparticipating	24	24	19	25	25	23	36	32	36	12	16	17	22
297D	Nonparticipating	22	22	17	24	24	22	38	34	38	11	16	17	22
299D	Nonparticipating	22	22	17	26	25	24	38	34	38	14	19	20	25
300D	Nonparticipating	22	22	17	26	26	25	38	34	38	15	20	21	26
301D	Nonparticipating	22	22	17	27	26	25	38	34	38	16	20	21	26
302D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	26
303D	Nonparticipating	22	22	17	26	25	24	38	34	38	15	19	20	25
307D	Nonparticipating	22	22	17	26	25	24	38	34	38	15	19	20	25
308D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	22	26
309D	Nonparticipating	22	22	17	24	24	22	38	34	38	11	15	17	21
311D	Nonparticipating	22	22	17	24	23	21	38	34	38	10	14	15	20
312D	Nonparticipating	22	22	17	25	24	22	38	34	38	12	16	18	22
316D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	20
318W	Nonparticipating	24	24	19	24	24	21	36	32	36	8	12	13	18
320W	Nonparticipating	24	24	19	24	24	21	36	32	36	8	11	12	17
323W	Nonparticipating	24	24	19	24	24	21	36	32	36	8	11	13	17
327W	Nonparticipating	24	24	19	24	24	21	36	32	36	8	11	13	18
328D	Nonparticipating	22	22	17	24	23	20	38	34	38	9	13	15	19
331D	Nonparticipating	22	22	17	25	24	23	38	34	38	13	17	19	23

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
333D	Nonparticipating	22	22	17	28	27	27	38	34	38	17	22	23	28
337D	Nonparticipating	22	22	17	28	27	27	38	34	38	17	22	23	28
341D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	21	22	27
342D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	22	26
343D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	22	26
344D	Nonparticipating	22	22	17	26	26	25	38	34	38	15	20	21	26
345D	Nonparticipating	22	22	17	30	29	29	38	34	38	21	24	26	30
347D	Nonparticipating	22	22	17	30	29	29	38	34	38	21	24	26	30
348D	Nonparticipating	22	22	17	30	29	30	38	34	38	21	25	26	31
349D	Nonparticipating	22	22	17	30	30	30	38	34	38	22	25	26	31
350D	Nonparticipating	22	22	17	30	29	30	38	34	38	21	25	26	31
352D	Nonparticipating	22	22	17	30	29	30	38	34	38	21	25	26	31
353D	Nonparticipating	22	22	17	30	29	30	38	34	38	22	25	26	31
354D	Nonparticipating	22	22	17	30	29	29	38	34	38	21	25	26	31
355D	Nonparticipating	22	22	17	30	29	29	38	34	38	21	24	26	31
356D	Nonparticipating	22	22	17	30	29	29	38	34	38	21	25	26	31
358H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	27
359H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	26
360H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	26
361H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	26
362H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	26
363H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	26
367H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	27
368H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	27
369H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	27
370H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	27
371H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	27
372H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	21	22	27
373H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	27
378D	Nonparticipating	22	22	17	31	29	30	38	34	39	22	26	27	33
379D	Nonparticipating	22	22	17	31	30	31	38	34	39	23	26	27	33
380D	Nonparticipating	22	22	17	32	31	32	38	34	39	24	27	28	35
381D	Nonparticipating	22	22	17	32	31	32	38	34	39	24	27	29	35



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
383H	Nonparticipating	28	22	20	31	28	28	43	40	43	19	23	24	29
385H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	24	26	31
386H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	25	30
389W	Nonparticipating	24	24	19	35	34	35	36	32	36	26	30	31	36
390D	Nonparticipating	22	22	17	32	31	32	38	34	39	24	27	28	33
391D	Nonparticipating	22	22	17	29	28	28	38	34	38	20	23	24	29
392D	Nonparticipating	22	22	17	29	28	28	38	34	38	20	23	25	29
394D	Nonparticipating	22	22	17	31	31	31	38	34	39	23	26	28	32
395D	Nonparticipating	22	22	17	34	34	34	38	34	39	26	30	31	36
396D	Nonparticipating	22	22	17	34	33	34	38	34	39	26	29	30	35
397D	Nonparticipating	22	22	17	34	34	34	38	34	39	26	30	31	35
400H	Nonparticipating	28	22	20	37	35	37	43	40	43	29	32	33	40
401H	Nonparticipating	28	22	20	38	36	37	43	40	43	30	33	34	40
403H	Nonparticipating	28	22	20	38	36	38	43	40	43	30	33	34	40
405H	Nonparticipating	28	22	20	39	36	39	43	40	43	29	33	35	41
406H	Nonparticipating	28	22	20	40	37	39	43	40	43	30	34	35	41
407H	Nonparticipating	28	22	20	39	36	39	43	40	43	29	33	35	41
408H	Nonparticipating	28	22	20	38	36	38	43	40	43	29	33	34	40
413H	Nonparticipating	28	22	20	38	36	38	43	40	43	29	33	34	40
415H	Nonparticipating	28	22	20	41	40	41	43	40	44	32	37	38	43
419H	Nonparticipating	28	22	20	41	40	41	43	40	44	32	36	37	42
425D	Nonparticipating	22	22	17	43	42	43	38	34	41	37	39	40	44
427D	Nonparticipating	22	22	17	41	40	41	38	34	40	36	37	38	43
429H	Nonparticipating	28	22	20	38	36	37	43	40	43	31	33	34	40
430H	Nonparticipating	28	22	20	37	36	37	43	40	43	31	33	34	39
433H	Nonparticipating	28	22	20	38	37	37	43	40	43	31	33	34	39
435D	Nonparticipating	22	22	17	40	39	40	38	34	39	32	35	37	41
436D	Nonparticipating	22	22	17	40	39	40	38	34	39	33	36	37	42
437D	Nonparticipating	22	22	17	40	40	40	38	34	39	33	36	37	42
438D	Nonparticipating	22	22	17	36	35	36	38	34	39	28	31	32	37
439D	Nonparticipating	22	22	17	36	35	36	38	34	39	28	31	32	37
440D	Nonparticipating	22	22	17	36	35	36	38	34	39	27	31	32	37
443W	Nonparticipating	24	24	19	35	34	35	36	32	36	26	30	31	36

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
444D	Nonparticipating	22	22	17	38	38	39	38	34	39	30	34	35	40
446D	Nonparticipating	22	22	17	40	39	40	38	34	39	33	36	37	42
449W	Nonparticipating	24	24	19	34	33	34	36	32	36	25	29	30	35
450W	Nonparticipating	24	24	19	34	33	34	36	32	36	25	29	30	35
451B	Nonparticipating	25	21	17	28	26	26	48	42	48	16	20	22	27
453H	Nonparticipating	28	22	20	30	27	27	43	40	43	16	21	22	27
454H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	20	26
455H	Nonparticipating	28	22	20	30	26	27	43	40	43	16	21	22	27
457H	Nonparticipating	28	22	20	30	26	26	43	40	43	15	20	21	26
458D	Nonparticipating	22	22	17	28	27	27	38	34	38	17	22	23	28
459D	Nonparticipating	22	22	17	28	27	27	38	34	38	17	22	23	28
464D	Nonparticipating	22	22	17	32	31	32	38	34	39	24	27	28	34
469D	Nonparticipating	22	22	17	32	31	32	38	34	39	24	27	28	34
472D	Nonparticipating	22	22	17	32	30	31	38	34	39	23	26	28	34
473D	Nonparticipating	22	22	17	30	29	30	38	34	38	22	25	26	33
474H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	30	36
476H	Nonparticipating	28	22	20	34	31	33	43	40	43	25	28	29	36
479H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	31	38
480H	Nonparticipating	28	22	20	34	31	32	43	40	43	25	28	29	36
483H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	31	37
484W	Nonparticipating	24	24	19	36	34	36	36	32	37	28	31	32	38
485D	Nonparticipating	22	22	17	31	30	31	38	34	39	23	26	27	34
486D	Nonparticipating	22	22	17	33	31	32	38	34	39	25	28	29	35
489D	Nonparticipating	22	22	17	30	29	30	38	34	39	23	25	27	32
491D	Nonparticipating	22	22	17	29	28	28	38	34	38	21	24	25	30
493D	Nonparticipating	22	22	17	30	29	29	38	34	38	22	25	26	31
494D	Nonparticipating	22	22	17	29	28	28	38	34	38	21	24	25	30
495D	Nonparticipating	22	22	17	28	27	27	38	34	38	19	22	23	29
496D	Nonparticipating	22	22	17	29	28	28	38	34	38	21	23	25	30
500D	Nonparticipating	22	22	17	28	28	28	38	34	38	20	23	24	30
501D	Nonparticipating	22	22	17	28	27	27	38	34	38	19	22	23	29
502D	Nonparticipating	22	22	17	28	28	27	38	34	38	20	23	24	30
503D	Nonparticipating	22	22	17	28	27	27	38	34	38	19	22	23	29



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
504D	Nonparticipating	22	22	17	28	27	27	38	34	38	20	23	24	29
505D	Nonparticipating	22	22	17	28	28	27	38	34	38	20	23	24	30
507H	Nonparticipating	28	22	20	33	31	32	43	40	43	23	27	28	32
508H	Nonparticipating	28	22	20	31	29	29	43	40	43	20	24	25	30
509H	Nonparticipating	28	22	20	32	29	29	43	40	43	21	24	25	30
510H	Nonparticipating	28	22	20	30	27	27	43	40	43	18	21	22	27
513D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	24
514D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	24
516D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	20	24
517D	Nonparticipating	22	22	17	25	24	22	38	34	38	12	16	18	23
518D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	16	18	23
519D	Nonparticipating	22	22	17	25	23	22	38	34	38	11	16	17	22
520D	Nonparticipating	22	22	17	26	25	24	38	34	38	14	18	20	24
521D	Nonparticipating	22	22	17	25	24	22	38	34	38	12	16	17	23
522D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	16	18	23
523D	Nonparticipating	22	22	17	25	24	22	38	34	38	12	16	17	22
525D	Nonparticipating	22	22	17	27	26	25	38	34	38	15	20	21	26
526H	Nonparticipating	28	22	20	30	26	25	43	40	43	15	19	21	25
527H	Nonparticipating	28	22	20	30	26	26	43	40	43	15	19	21	25
528H	Nonparticipating	28	22	20	30	26	26	43	40	43	15	20	21	26
529B	Nonparticipating	25	21	17	28	26	26	48	42	48	15	20	22	26
530B	Nonparticipating	25	21	17	28	26	26	48	42	48	16	20	22	26
541D	Nonparticipating	22	22	17	41	40	41	38	34	40	35	37	38	43
542D	Nonparticipating	22	22	17	40	39	40	38	34	40	35	37	38	44
544D	Nonparticipating	22	22	17	41	40	41	38	34	40	36	37	38	44
547D	Nonparticipating	22	22	17	42	42	42	38	34	41	37	39	39	43
556H	Nonparticipating	28	22	20	42	41	42	43	40	44	37	38	39	43
559H	Nonparticipating	28	22	20	42	41	42	43	40	44	36	38	39	43
561H	Nonparticipating	28	22	20	43	42	43	43	40	44	36	38	39	44
564H	Nonparticipating	28	22	20	43	42	43	43	40	44	36	38	39	44
569W	Nonparticipating	24	24	19	41	39	41	36	32	37	32	36	38	45
570W	Nonparticipating	24	24	19	35	34	34	36	32	37	29	32	33	42
572H	Nonparticipating	28	22	20	39	37	38	43	40	44	33	34	35	41

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
574D	Nonparticipating	22	22	17	40	39	40	38	34	40	34	36	37	43
576H	Nonparticipating	28	22	20	42	41	42	43	40	44	36	38	39	44
584H	Nonparticipating	28	22	20	43	42	43	43	40	44	37	39	39	44
585H	Nonparticipating	28	22	20	43	42	44	43	40	44	37	39	40	45
586H	Nonparticipating	28	22	20	44	43	44	43	40	44	38	40	41	45
587H	Nonparticipating	28	22	20	44	43	44	43	40	44	38	40	41	45
589H	Nonparticipating	28	22	20	44	43	44	43	40	44	38	40	41	45
592H	Nonparticipating	28	22	20	44	43	44	43	40	44	37	40	40	45
593H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	36	43
594H	Nonparticipating	28	22	20	41	39	40	43	40	44	34	36	37	42
595H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	37	42
596H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	36	42
597H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	36	42
598H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	36	42
599H	Nonparticipating	28	22	20	40	39	40	43	40	44	33	36	36	42
600H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	36	42
601H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	37	42
604B	Nonparticipating	25	21	17	40	38	40	48	42	48	33	35	36	41
611D	Nonparticipating	22	22	17	34	33	34	38	34	39	24	29	30	36
612D	Nonparticipating	22	22	17	34	32	34	38	34	39	24	29	30	36
615D	Nonparticipating	22	22	17	36	35	36	38	34	39	26	31	32	38
620D	Nonparticipating	22	22	17	37	36	38	38	34	39	28	32	34	39
621B	Nonparticipating	25	21	17	43	41	43	48	42	48	33	38	39	45
622D	Nonparticipating	22	22	17	40	38	40	38	34	39	30	35	36	42
624H	Nonparticipating	28	22	20	41	40	41	43	40	44	34	37	37	42
625H	Nonparticipating	28	22	20	40	39	40	43	40	44	33	36	36	41
629H	Nonparticipating	28	22	20	40	39	39	43	40	44	33	35	36	41
648H	Nonparticipating	28	22	20	41	40	41	43	40	44	35	37	38	42
650H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	37	41
651D	Nonparticipating	22	22	17	41	40	41	38	34	40	34	36	37	42
654D	Nonparticipating	22	22	17	41	40	41	38	34	40	35	37	38	42
655D	Nonparticipating	22	22	17	42	41	42	38	34	40	36	38	39	44
656D	Nonparticipating	22	22	17	41	40	41	38	34	40	35	37	38	42



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
659D	Nonparticipating	22	22	17	44	43	44	38	34	41	37	40	41	45
660B	Nonparticipating	25	21	17	42	41	42	48	42	48	36	38	39	43
664B	Nonparticipating	25	21	17	44	43	44	48	42	48	38	40	41	45
666D	Nonparticipating	22	22	17	40	39	40	38	34	40	35	36	37	42
667D	Nonparticipating	22	22	17	40	39	40	38	34	40	35	36	37	42
675D	Nonparticipating	22	22	17	40	39	40	38	34	40	35	36	37	41
677D	Nonparticipating	22	22	17	38	37	38	38	34	39	33	34	35	40
679D	Nonparticipating	22	22	17	38	36	39	38	34	39	32	34	34	41
684D	Nonparticipating	22	22	17	36	34	36	38	34	39	30	32	32	39
687B	Nonparticipating	25	21	17	37	36	37	48	42	48	31	34	35	42
690D	Nonparticipating	22	22	17	42	41	42	38	34	41	37	38	39	44
691D	Nonparticipating	22	22	17	43	42	43	38	34	41	37	39	40	44
694D	Nonparticipating	22	22	17	42	41	42	38	34	41	37	39	39	44
696D	Nonparticipating	22	22	17	37	36	37	38	34	39	32	34	35	42
697D	Nonparticipating	22	22	17	39	37	38	38	34	39	33	35	36	43
699H	Nonparticipating	28	22	20	36	34	35	43	40	43	29	31	32	40
706HH	Nonparticipating	25	27	22	37	37	37	40	38	40	30	33	34	39
707H	Nonparticipating	28	22	20	37	36	37	43	40	43	30	33	34	39
710H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
713HH	Nonparticipating	25	27	22	38	37	38	40	38	40	30	33	34	39
714B	Nonparticipating	25	21	17	39	38	39	48	42	48	31	34	35	40
719HH	Nonparticipating	25	27	22	38	37	38	40	38	40	28	33	34	39
722HH	Nonparticipating	25	27	22	39	38	39	40	38	40	29	34	36	41
723H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	29
727H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	21	23	28
728H	Nonparticipating	28	22	20	31	28	29	43	40	43	18	23	24	30
732H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	20	25
734H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	25	26	31
736H	Nonparticipating	28	22	20	34	32	34	43	40	43	24	28	29	35
737H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	29	35
738H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	28	35
742H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	29	35
743H	Nonparticipating	28	22	20	32	29	29	43	40	43	21	24	26	32

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
744H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	29	35
748H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	29	35
750H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	29	35
751H	Nonparticipating	28	22	20	33	31	31	43	40	43	22	26	28	34
753HH	Nonparticipating	25	27	22	34	32	33	40	38	40	24	28	29	36
756HH	Nonparticipating	25	27	22	33	32	32	40	38	40	23	27	29	36
757HH	Nonparticipating	25	27	22	37	34	37	40	38	40	26	31	32	39
764D	Nonparticipating	22	22	17	37	36	37	38	34	39	30	33	33	39
766D	Nonparticipating	22	22	17	36	35	36	38	34	39	30	32	32	37
767D	Nonparticipating	22	22	17	34	33	33	38	34	39	28	30	30	37
768HH	Nonparticipating	25	27	22	38	38	38	40	38	40	32	34	35	40
769HH	Nonparticipating	25	27	22	39	38	39	40	38	40	32	35	35	40
770HH	Nonparticipating	25	27	22	39	38	39	40	38	40	32	34	35	40
771D	Nonparticipating	22	22	17	35	34	35	38	34	39	29	31	32	39
772D	Nonparticipating	22	22	17	35	34	35	38	34	39	29	31	32	39
773D	Nonparticipating	22	22	17	36	34	35	38	34	39	30	32	32	40
774D	Nonparticipating	22	22	17	35	33	35	38	34	39	29	31	31	38
776D	Nonparticipating	22	22	17	35	33	35	38	34	39	29	31	31	38
777D	Nonparticipating	22	22	17	36	34	36	38	34	39	29	32	32	39
780D	Nonparticipating	22	22	17	37	36	38	38	34	39	30	33	33	40
783D	Nonparticipating	22	22	17	38	36	38	38	34	39	30	33	33	40
784D	Nonparticipating	22	22	17	36	34	36	38	34	39	29	32	32	38
786D	Nonparticipating	22	22	17	37	35	37	38	34	39	29	32	32	39
789D	Nonparticipating	22	22	17	36	34	36	38	34	39	29	31	32	38
795B	Nonparticipating	25	21	17	35	33	35	48	42	48	27	30	30	37
801D	Nonparticipating	22	22	17	40	39	40	38	34	40	34	36	37	41
802D	Nonparticipating	22	22	17	39	38	40	38	34	40	33	35	36	41
806H	Nonparticipating	28	22	20	39	38	38	43	40	44	33	34	35	39
807H	Nonparticipating	28	22	20	39	38	38	43	40	44	33	35	35	39
810H	Nonparticipating	28	22	20	37	35	36	43	40	43	31	32	33	40
811H	Nonparticipating	28	22	20	44	43	44	43	40	44	38	40	41	45
813D	Nonparticipating	22	22	17	33	32	33	38	34	39	23	28	29	34
816D	Nonparticipating	22	22	17	32	31	32	38	34	39	22	27	28	33





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
818W	Nonparticipating	24	24	19	31	31	31	36	32	36	21	26	27	32
819D	Nonparticipating	22	22	17	32	31	31	38	34	38	21	26	28	33
822D	Nonparticipating	22	22	17	30	29	30	38	34	38	20	25	26	31
824D	Nonparticipating	22	22	17	31	30	30	38	34	38	20	25	26	32
825D	Nonparticipating	22	22	17	30	29	29	38	34	38	19	24	25	30
827D	Nonparticipating	22	22	17	32	30	31	38	34	38	21	26	27	33
832W	Nonparticipating	24	24	19	33	32	33	36	32	36	22	28	29	34
833D	Nonparticipating	22	22	17	39	38	39	38	34	39	33	35	36	41
835D	Nonparticipating	22	22	17	39	38	39	38	34	39	31	34	35	41
836D	Nonparticipating	22	22	17	40	39	40	38	34	40	34	36	37	43
837D	Nonparticipating	22	22	17	40	39	40	38	34	40	34	37	38	45
838HH	Nonparticipating	25	27	22	33	33	33	40	38	40	25	29	30	36
839HH	Nonparticipating	25	27	22	34	33	33	40	38	40	25	29	30	36
840HH	Nonparticipating	25	27	22	33	33	33	40	38	40	25	29	30	36
842HH	Nonparticipating	25	27	22	35	34	34	40	38	40	27	31	32	39
843HH	Nonparticipating	25	27	22	35	34	34	40	38	40	27	30	32	38
846HH	Nonparticipating	25	27	22	36	35	36	40	38	40	30	32	34	41
848HH	Nonparticipating	25	27	22	39	38	39	40	38	41	33	35	36	44
849HH	Nonparticipating	25	27	22	38	37	38	40	38	40	32	34	35	43
851HH	Nonparticipating	25	27	22	42	41	42	40	38	41	36	38	39	43
856HH	Nonparticipating	25	27	22	43	42	43	40	38	41	35	38	40	45
861L	Nonparticipating	29	25	21	34	32	33	49	45	49	24	28	29	35
862L	Nonparticipating	29	25	21	33	32	32	49	45	49	23	27	28	34
863L	Nonparticipating	29	25	21	33	31	31	49	45	49	23	26	27	33
864L	Nonparticipating	29	25	21	32	30	30	49	45	49	21	25	26	31
865L	Nonparticipating	29	25	21	32	30	30	49	45	49	21	25	26	31
866L	Nonparticipating	29	25	21	34	32	33	49	45	49	24	28	29	35
867L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	35
868L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	28	30	35
869L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	27	29	34
870L	Nonparticipating	29	25	21	34	32	33	49	45	49	24	28	29	35
871L	Nonparticipating	29	25	21	32	30	30	49	45	49	21	24	26	31
872L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	36

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
873L	Nonparticipating	29	25	21	37	35	37	49	45	49	27	31	33	38
874L	Nonparticipating	29	25	21	37	35	37	49	45	49	27	31	33	38
875L	Nonparticipating	29	25	21	37	34	36	49	45	49	26	31	32	38
876L	Nonparticipating	29	25	21	37	34	36	49	45	49	26	31	32	38
877L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	36
878L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	37
879L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	28	29	35
880L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	37
881L	Nonparticipating	29	25	21	36	34	36	49	45	49	26	30	32	37
882L	Nonparticipating	29	25	21	36	34	36	49	45	49	26	31	32	38
883L	Nonparticipating	29	25	21	37	34	37	49	45	49	27	31	32	38
884L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	36
885D	Nonparticipating	22	22	17	40	39	40	38	34	39	31	35	36	42
886D	Nonparticipating	22	22	17	40	39	40	38	34	39	31	36	37	42
887D	Nonparticipating	22	22	17	40	39	40	38	34	39	31	36	37	42
892B	Nonparticipating	25	21	17	40	39	40	48	42	48	34	36	37	41
893B	Nonparticipating	25	21	17	40	40	41	48	42	48	34	37	37	42
894B	Nonparticipating	25	21	17	40	40	40	48	42	48	34	36	37	41
902HH	Nonparticipating	25	27	22	37	37	37	40	38	40	32	33	34	38
909W	Nonparticipating	24	24	19	41	40	41	36	32	38	34	37	38	42
912D	Nonparticipating	22	22	17	43	41	43	38	34	39	33	38	39	45
915L	Nonparticipating	29	25	21	38	35	38	49	45	49	27	32	34	40
917L	Nonparticipating	29	25	21	36	34	35	49	45	49	26	30	31	38
918L	Nonparticipating	29	25	21	38	35	37	49	45	49	27	32	33	39
919L	Nonparticipating	29	25	21	38	35	37	49	45	49	27	31	33	39
920L	Nonparticipating	29	25	21	37	34	36	49	45	49	26	31	32	38
921L	Nonparticipating	29	25	21	34	31	32	49	45	49	23	27	29	35
922L	Nonparticipating	29	25	21	37	34	37	49	45	49	26	31	32	38
923L	Nonparticipating	29	25	21	37	34	37	49	45	49	26	31	32	38
924L	Nonparticipating	29	25	21	37	34	37	49	45	49	26	31	32	38
925L	Nonparticipating	29	25	21	37	34	36	49	45	49	27	31	32	38
926L	Nonparticipating	29	25	21	37	35	37	49	45	49	27	31	32	39
927L	Nonparticipating	29	25	21	37	35	36	49	45	49	27	31	32	39



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
928L	Nonparticipating	29	25	21	39	36	39	49	45	49	28	33	34	40
936L	Nonparticipating	29	25	21	37	35	36	49	45	49	27	31	33	40
937L	Nonparticipating	29	25	21	34	32	33	49	45	49	25	28	30	36
938L	Nonparticipating	29	25	21	37	34	36	49	45	49	27	31	32	39
939L	Nonparticipating	29	25	21	36	34	35	49	45	49	26	30	32	38
943L	Nonparticipating	29	25	21	35	32	33	49	45	49	25	28	30	36
944L	Nonparticipating	29	25	21	35	32	33	49	45	49	25	28	30	36
945L	Nonparticipating	29	25	21	35	32	34	49	45	49	25	29	30	36
946L	Nonparticipating	29	25	21	35	33	34	49	45	49	25	29	30	36
947L	Nonparticipating	29	25	21	35	33	34	49	45	49	25	29	30	36
948L	Nonparticipating	29	25	21	35	33	34	49	45	49	25	29	30	37
949L	Nonparticipating	29	25	21	35	33	34	49	45	49	25	29	30	37
950L	Nonparticipating	29	25	21	35	32	34	49	45	49	24	28	30	36
951L	Nonparticipating	29	25	21	37	34	36	49	45	49	26	30	32	38
952L	Nonparticipating	29	25	21	36	34	36	49	45	49	26	30	32	38
953L	Nonparticipating	29	25	21	36	34	36	49	45	49	26	30	31	38
954L	Nonparticipating	29	25	21	36	33	36	49	45	49	26	30	31	37
955L	Nonparticipating	29	25	21	35	32	34	49	45	49	24	28	30	36
956L	Nonparticipating	29	25	21	35	33	34	49	45	49	25	29	30	36
957L	Nonparticipating	29	25	21	35	33	34	49	45	49	25	29	30	36
958L	Nonparticipating	29	25	21	35	33	34	49	45	49	25	29	30	36
959L	Nonparticipating	29	25	21	35	32	34	49	45	49	24	29	30	36
960L	Nonparticipating	29	25	21	35	32	34	49	45	49	24	28	30	36
961L	Nonparticipating	29	25	21	35	32	34	49	45	49	24	28	29	35
962L	Nonparticipating	29	25	21	35	32	34	49	45	49	24	28	30	35
963L	Nonparticipating	29	25	21	35	32	34	49	45	49	24	28	30	36
964L	Nonparticipating	29	25	21	35	32	34	49	45	49	24	28	30	35
965L	Nonparticipating	29	25	21	35	32	34	49	45	49	24	28	30	35
966W	Nonparticipating	24	24	19	41	40	41	36	32	39	35	37	38	42
967W	Nonparticipating	24	24	19	42	42	42	36	32	39	37	38	39	44
968W	Nonparticipating	24	24	19	42	42	43	36	32	39	37	39	39	44
977HH	Nonparticipating	25	27	22	40	39	40	40	38	41	35	36	37	42
981HH	Nonparticipating	25	27	22	39	39	39	40	38	41	34	36	36	41

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
984D	Nonparticipating	22	22	17	41	41	41	38	34	40	36	38	38	42
986D	Nonparticipating	22	22	17	40	39	40	38	34	40	34	36	37	42
989D	Nonparticipating	22	22	17	41	40	41	38	34	40	36	37	38	43
990D	Nonparticipating	22	22	17	40	39	40	38	34	40	34	36	37	41
991HH	Nonparticipating	25	27	22	41	40	41	40	38	41	34	37	38	43
998D	Nonparticipating	22	22	17	32	30	31	38	34	39	23	27	28	34
999D	Nonparticipating	22	22	17	32	31	32	38	34	39	24	27	28	34
1003L	Nonparticipating	29	25	21	35	32	34	49	45	49	24	29	30	36
1004L	Nonparticipating	29	25	21	34	31	33	49	45	49	23	27	28	34
1005H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	27	33
1006H	Nonparticipating	28	22	20	33	30	32	43	40	43	22	26	27	33
1007H	Nonparticipating	28	22	20	33	30	32	43	40	43	22	26	28	33
1008L	Nonparticipating	29	25	21	35	32	34	49	45	49	23	28	29	35
1009L	Nonparticipating	29	25	21	35	32	33	49	45	49	23	28	29	35
1010L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	28	29	35
1011L	Nonparticipating	29	25	21	34	31	33	49	45	49	23	27	29	34
1012L	Nonparticipating	29	25	21	34	31	33	49	45	49	23	27	28	34
1013L	Nonparticipating	29	25	21	34	31	33	49	45	49	23	27	28	34
1014L	Nonparticipating	29	25	21	34	31	33	49	45	49	23	27	28	34
1015L	Nonparticipating	29	25	21	34	31	33	49	45	49	23	27	29	34
1016L	Nonparticipating	29	25	21	34	31	33	49	45	49	23	27	29	34
1017L	Nonparticipating	29	25	21	34	31	33	49	45	49	23	27	29	34
1018L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	26	28	33
1019L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	26	28	34
1020L	Nonparticipating	29	25	21	34	31	32	49	45	49	23	27	28	34
1021L	Nonparticipating	29	25	21	33	31	32	49	45	49	22	26	28	33
1022H	Nonparticipating	28	22	20	33	29	31	43	40	43	21	26	27	33
1023H	Nonparticipating	28	22	20	33	30	32	43	40	43	22	26	27	33
1024L	Nonparticipating	29	25	21	34	31	32	49	45	49	23	27	28	34
1025L	Nonparticipating	29	25	21	34	31	32	49	45	49	23	27	28	34
1026L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	27	29	34
1027L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	27	29	34
1028L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	27	29	34



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
1029L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	27	29	34
1030L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	27	29	34
1031L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	28	29	34
1032L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	35
2209H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	35	41
2210H	Nonparticipating	28	22	20	39	38	39	43	40	44	32	35	35	41
2213W	Nonparticipating	24	24	19	31	30	31	36	32	36	25	26	27	33
2217W	Nonparticipating	24	24	19	37	36	37	36	32	37	31	33	33	39
2219D	Nonparticipating	22	22	17	31	30	30	38	34	39	26	28	28	37
2220D	Nonparticipating	22	22	17	33	32	32	38	34	39	27	29	30	38
2223D	Nonparticipating	22	22	17	31	30	30	38	34	39	25	26	27	31
2225D	Nonparticipating	22	22	17	30	29	29	38	34	39	24	26	26	32
2226D	Nonparticipating	22	22	17	31	30	30	38	34	39	25	27	28	35
2227W	Nonparticipating	24	24	19	29	28	28	36	32	36	22	24	24	29
2229D	Nonparticipating	22	22	17	28	27	27	38	34	38	20	22	22	28
2230D	Nonparticipating	22	22	17	29	28	28	38	34	38	22	23	24	30
2231D	Nonparticipating	22	22	17	28	27	27	38	34	38	20	22	23	28
2235H	Nonparticipating	28	22	20	30	27	27	43	40	43	20	22	22	28
2236H	Nonparticipating	28	22	20	31	27	28	43	40	43	21	23	23	29
2240B	Nonparticipating	25	21	17	29	27	27	48	42	48	21	23	23	28
2241B	Nonparticipating	25	21	17	29	27	27	48	42	48	21	23	23	28
2242B	Nonparticipating	25	21	17	29	26	27	48	42	48	20	22	23	28
2247H	Nonparticipating	28	22	20	31	29	29	43	40	43	22	24	25	30
2250W	Nonparticipating	24	24	19	28	28	27	36	32	36	21	23	23	29
2251W	Nonparticipating	24	24	19	29	28	28	36	32	36	22	24	24	29
2261W	Nonparticipating	24	24	19	28	28	27	36	32	36	21	23	23	29
2263B	Nonparticipating	25	21	17	27	24	24	48	42	48	17	19	19	24
2264D	Nonparticipating	22	22	17	31	31	31	38	34	39	26	27	28	33
2267B	Nonparticipating	25	21	17	26	23	22	48	42	48	13	15	16	22
2270D	Nonparticipating	22	22	17	24	23	22	38	34	38	13	16	16	22
2271D	Nonparticipating	22	22	17	24	23	22	38	34	38	13	16	16	22
2355D	Nonparticipating	22	22	17	27	26	26	38	34	38	19	21	21	28
2356D	Nonparticipating	22	22	17	28	27	28	38	34	38	21	23	23	29

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2361B	Nonparticipating	25	21	17	27	24	24	48	42	48	17	19	19	25
2362B	Nonparticipating	25	21	17	27	24	23	48	42	48	16	18	19	24
2364H	Nonparticipating	28	22	20	30	25	26	43	40	43	18	20	20	26
2365H	Nonparticipating	28	22	20	30	26	26	43	40	43	18	20	20	26
2366H	Nonparticipating	28	22	20	30	25	25	43	40	43	17	19	20	25
2369D	Nonparticipating	22	22	17	26	25	25	38	34	38	18	20	21	26
2376B	Nonparticipating	25	21	17	28	25	25	48	42	48	18	20	20	25
2377B	Nonparticipating	25	21	17	28	25	25	48	42	48	18	20	20	25
2384H	Nonparticipating	28	22	20	32	29	30	43	40	43	23	25	26	31
2385H	Nonparticipating	28	22	20	32	30	30	43	40	43	24	26	26	31
2387H	Nonparticipating	28	22	20	33	30	31	43	40	43	25	27	27	32
2388H	Nonparticipating	28	22	20	33	30	31	43	40	43	24	26	27	32
2389H	Nonparticipating	28	22	20	31	29	29	43	40	43	22	24	25	30
2390H	Nonparticipating	28	22	20	32	29	30	43	40	43	23	25	25	31
2391H	Nonparticipating	28	22	20	32	30	30	43	40	43	23	26	26	32
2392H	Nonparticipating	28	22	20	32	30	30	43	40	43	23	26	26	31
2396H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
2398H	Nonparticipating	28	22	20	33	30	31	43	40	43	24	26	27	32
2399H	Nonparticipating	28	22	20	31	29	29	43	40	43	23	25	25	30
2400H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	35
2402H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	29	35
2403H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	36
2404H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
2405H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
2406H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
2407H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
2409H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
2410H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	35
2412H	Nonparticipating	28	22	20	38	37	38	43	40	44	32	34	34	41
2413H	Nonparticipating	28	22	20	39	37	39	43	40	44	32	34	35	41
2414H	Nonparticipating	28	22	20	39	37	39	43	40	44	32	34	35	41
2415H	Nonparticipating	28	22	20	39	38	39	43	40	44	32	35	35	41
2421H	Nonparticipating	28	22	20	39	37	39	43	40	44	32	35	35	41



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2424H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	37	42
2425H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	37	42
2426H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	37	42
2431H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	36	42
2432H	Nonparticipating	28	22	20	36	34	35	43	40	43	29	31	31	37
2433H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	30	31	37
2442H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
2444H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
2446H	Nonparticipating	28	22	20	35	33	34	43	40	43	28	30	30	36
2447B	Nonparticipating	25	21	17	42	41	42	48	42	48	37	39	39	43
2450H	Nonparticipating	28	22	20	38	37	38	43	40	44	32	34	34	40
2451H	Nonparticipating	28	22	20	38	36	37	43	40	43	31	33	34	40
2455R	Nonparticipating	24	24	19	40	39	40	36	32	38	33	36	36	41
2456H	Nonparticipating	28	22	20	41	39	41	43	40	44	34	37	37	43
2458B	Nonparticipating	25	21	17	38	37	38	48	42	48	31	33	34	39
2459B	Nonparticipating	25	21	17	37	36	37	48	42	48	31	33	33	39
2464H	Nonparticipating	28	22	20	37	36	36	43	40	43	30	32	33	38
2466D	Nonparticipating	22	22	17	30	29	29	38	34	39	23	25	25	30
2470D	Nonparticipating	22	22	17	29	29	29	38	34	38	22	24	25	30
2476W	Nonparticipating	24	24	19	30	30	30	36	32	36	23	26	26	31
2478D	Nonparticipating	22	22	17	26	25	25	38	34	38	17	20	20	25
2488W	Nonparticipating	24	24	19	27	26	26	36	32	36	18	20	21	26
2493B	Nonparticipating	25	21	17	28	25	25	48	42	48	18	20	21	26
2495B	Nonparticipating	25	21	17	28	26	26	48	42	48	19	21	22	27
2570D	Nonparticipating	22	22	17	25	24	23	38	34	38	14	17	17	23
2573D	Nonparticipating	22	22	17	26	25	25	38	34	38	17	20	20	26
2586D	Nonparticipating	22	22	17	27	26	26	38	34	38	18	21	22	27
2590W	Nonparticipating	24	24	19	28	28	27	36	32	36	20	22	23	28
2592H	Nonparticipating	28	22	20	37	35	36	43	40	43	30	32	32	37
2593R	Nonparticipating	24	24	19	36	35	36	36	32	37	30	32	33	37
2601R	Nonparticipating	24	24	19	35	35	36	36	32	37	29	31	32	37
2602H	Nonparticipating	28	22	20	38	37	38	43	40	43	31	34	35	39
2603W	Nonparticipating	24	24	19	33	32	33	36	32	36	25	28	29	34

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2605B	Nonparticipating	25	21	17	38	38	39	48	42	48	32	34	35	40
2606B	Nonparticipating	25	21	17	39	38	39	48	42	48	32	34	35	40
2609D	Nonparticipating	22	22	17	40	39	40	38	34	40	34	36	37	42
2610D	Nonparticipating	22	22	17	41	41	42	38	34	40	35	37	38	43
2612D	Nonparticipating	22	22	17	40	39	40	38	34	40	34	36	36	42
2613D	Nonparticipating	22	22	17	41	40	41	38	34	40	35	37	37	42
2620H	Nonparticipating	28	22	20	44	43	44	43	40	44	37	40	41	45
2624H	Nonparticipating	28	22	20	43	42	43	43	40	44	37	39	40	45
2627H	Nonparticipating	28	22	20	44	43	44	43	40	44	37	40	40	45
2629H	Nonparticipating	28	22	20	44	43	44	43	40	44	37	39	40	45
2630H	Nonparticipating	28	22	20	41	39	41	43	40	43	32	35	37	42
2631H	Nonparticipating	28	22	20	40	38	40	43	40	43	31	35	36	42
2634B	Nonparticipating	25	21	17	39	36	38	48	42	48	29	33	34	40
2640H	Nonparticipating	28	22	20	37	34	36	43	40	43	27	31	32	38
2641H	Nonparticipating	28	22	20	37	34	37	43	40	43	27	31	33	39
2645H	Nonparticipating	28	22	20	38	35	38	43	40	43	28	32	34	40
2646H	Nonparticipating	28	22	20	32	29	30	43	40	43	21	24	26	33
2647H	Nonparticipating	28	22	20	32	28	30	43	40	43	21	24	26	33
2653H	Nonparticipating	28	22	20	39	38	39	43	40	44	32	35	36	40
2655H	Nonparticipating	28	22	20	43	42	43	43	40	44	35	38	39	44
2658HH	Nonparticipating	25	27	22	34	33	34	40	38	40	26	29	29	35
2660W	Nonparticipating	24	24	19	29	28	28	36	32	36	21	23	24	29
2661HH	Nonparticipating	25	27	22	31	31	30	40	38	40	22	25	25	31
2662W	Nonparticipating	24	24	19	28	27	26	36	32	36	18	21	21	27
2666D	Nonparticipating	22	22	17	29	28	29	38	34	38	22	24	25	30
2667D	Nonparticipating	22	22	17	27	27	27	38	34	38	19	22	22	28
2670B	Nonparticipating	25	21	17	27	24	23	48	42	48	15	17	18	23
2671B	Nonparticipating	25	21	17	26	23	22	48	42	48	13	16	16	22
2681B	Nonparticipating	25	21	17	27	23	23	48	42	48	15	17	18	23
2682H	Nonparticipating	28	22	20	29	24	24	43	40	43	14	17	17	23
2685H	Nonparticipating	28	22	20	29	25	25	43	40	43	16	18	19	24
2686H	Nonparticipating	28	22	20	30	25	25	43	40	43	17	19	20	25
2687HH	Nonparticipating	25	27	22	28	29	28	40	38	40	19	22	22	28



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2693R	Nonparticipating	24	24	19	31	31	31	36	32	36	23	26	27	32
2695R	Nonparticipating	24	24	19	32	31	31	36	32	36	23	26	27	33
2696R	Nonparticipating	24	24	19	31	30	31	36	32	36	22	26	26	32
2698H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	23	30
2701H	Nonparticipating	28	22	20	30	27	27	43	40	43	18	21	22	28
2703H	Nonparticipating	28	22	20	31	28	28	43	40	43	19	23	23	29
2704H	Nonparticipating	28	22	20	31	28	28	43	40	43	19	23	23	29
2707H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
2790D	Nonparticipating	22	22	17	38	37	38	38	34	39	32	34	35	41
2791R	Nonparticipating	24	24	19	40	40	41	36	32	38	34	36	37	42
2792R	Nonparticipating	24	24	19	38	37	38	36	32	37	31	34	34	39
2793R	Nonparticipating	24	24	19	43	42	43	36	32	40	37	39	39	44
2801HH	Nonparticipating	25	27	22	42	41	42	40	38	41	37	38	39	43
2802R	Nonparticipating	24	24	19	41	40	40	36	32	39	36	37	38	44
2807R	Nonparticipating	24	24	19	40	39	40	36	32	37	32	35	35	41
2808R	Nonparticipating	24	24	19	35	34	35	36	32	36	27	30	31	37
2814R	Nonparticipating	24	24	19	35	34	35	36	32	36	26	30	30	36
2816H	Nonparticipating	28	22	20	37	35	36	43	40	43	27	31	32	38
2817H	Nonparticipating	28	22	20	36	34	36	43	40	43	27	31	31	38
2818H	Nonparticipating	28	22	20	36	34	36	43	40	43	27	31	31	38
2843H	Nonparticipating	28	22	20	34	32	33	43	40	43	24	28	28	34
2844H	Nonparticipating	28	22	20	31	28	29	43	40	43	20	24	24	31
2852H	Nonparticipating	28	22	20	32	29	29	43	40	43	20	24	24	31
2853H	Nonparticipating	28	22	20	32	29	30	43	40	43	21	25	25	31
2854H	Nonparticipating	28	22	20	30	27	27	43	40	43	18	22	22	29
2855H	Nonparticipating	28	22	20	30	27	27	43	40	43	18	21	22	28
2858H	Nonparticipating	28	22	20	31	27	28	43	40	43	20	23	23	30
2861H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	23	30
2863H	Nonparticipating	28	22	20	30	26	27	43	40	43	18	21	21	28
2867H	Nonparticipating	28	22	20	31	27	28	43	40	43	19	22	22	30
2869H	Nonparticipating	28	22	20	31	27	28	43	40	43	19	23	23	30
2871H	Nonparticipating	28	22	20	32	29	29	43	40	43	20	24	24	31
2874H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	25	26	32

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2876H	Nonparticipating	28	22	20	32	29	30	43	40	43	22	25	25	32
2877H	Nonparticipating	28	22	20	32	29	30	43	40	43	22	25	25	32
2880H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	25
2881HH	Nonparticipating	25	27	22	26	28	24	40	38	40	12	15	15	22
2882HH	Nonparticipating	25	27	22	26	28	24	40	38	40	12	15	15	22
2883HH	Nonparticipating	25	27	22	26	28	24	40	38	40	13	16	17	23
2885HH	Nonparticipating	25	27	22	26	27	23	40	38	40	11	14	14	21
2886HH	Nonparticipating	25	27	22	26	27	23	40	38	40	10	14	14	21
2889H	Nonparticipating	28	22	20	29	24	23	43	40	43	10	14	14	21
2897H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	15	22
2898H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	15	22
2899H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	15	22
2900H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	15	22
2901H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	15	21
2903H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	15	22
2904H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	15	21
2905H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	15	21
2910H	Nonparticipating	28	22	20	29	23	23	43	40	43	10	14	14	20
2911H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	14	15	21
2918R	Nonparticipating	24	24	19	30	29	29	36	32	36	21	24	24	31
2920R	Nonparticipating	24	24	19	29	28	29	36	32	36	20	23	23	31
2923H	Nonparticipating	28	22	20	32	29	30	43	40	43	21	25	25	31
2924H	Nonparticipating	28	22	20	32	29	30	43	40	43	21	25	25	31
2925H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	24	24	31
2926H	Nonparticipating	28	22	20	32	29	30	43	40	43	21	24	25	31
2927H	Nonparticipating	28	22	20	32	30	31	43	40	43	21	25	25	32
2928H	Nonparticipating	28	22	20	32	29	30	43	40	43	21	25	25	31
2929H	Nonparticipating	28	22	20	32	30	30	43	40	43	21	25	25	32
2930H	Nonparticipating	28	22	20	32	29	30	43	40	43	21	25	25	32
2931H	Nonparticipating	28	22	20	32	29	30	43	40	43	21	25	25	32
2932H	Nonparticipating	28	22	20	32	29	30	43	40	43	21	25	25	31
2933H	Nonparticipating	28	22	20	32	30	30	43	40	43	21	25	25	32
2934R	Nonparticipating	24	24	19	31	30	31	36	32	36	22	26	26	33



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2936H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	34
2937H	Nonparticipating	28	22	20	33	30	32	43	40	43	23	27	27	34
2938H	Nonparticipating	28	22	20	33	31	32	43	40	43	23	27	27	34
2939H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	34
2940H	Nonparticipating	28	22	20	32	29	31	43	40	43	22	26	26	33
2941H	Nonparticipating	28	22	20	32	29	31	43	40	43	22	26	26	33
2942H	Nonparticipating	28	22	20	33	30	32	43	40	43	22	26	26	33
3032R	Nonparticipating	24	24	19	29	28	29	36	32	36	20	24	24	31
3033R	Nonparticipating	24	24	19	30	29	29	36	32	36	20	24	24	31
3035H	Nonparticipating	28	22	20	34	31	33	43	40	43	25	28	28	36
3036H	Nonparticipating	28	22	20	33	30	33	43	40	43	24	28	27	35
3039H	Nonparticipating	28	22	20	34	31	33	43	40	43	24	28	28	35
3040H	Nonparticipating	28	22	20	34	31	33	43	40	43	24	28	28	35
3041H	Nonparticipating	28	22	20	34	31	33	43	40	43	25	28	28	36
3042H	Nonparticipating	28	22	20	34	31	33	43	40	43	25	28	28	36
3047H	Nonparticipating	28	22	20	33	30	32	43	40	43	25	27	27	34
3048H	Nonparticipating	28	22	20	33	30	31	43	40	43	24	27	27	34
3049R	Nonparticipating	24	24	19	31	29	30	36	32	36	23	25	26	32
3053R	Nonparticipating	24	24	19	30	29	30	36	32	36	22	25	25	32
3054H	Nonparticipating	28	22	20	31	27	29	43	40	43	21	23	24	32
3055H	Nonparticipating	28	22	20	33	29	31	43	40	43	23	26	26	34
3056H	Nonparticipating	28	22	20	33	29	31	43	40	43	23	26	26	34
3057H	Nonparticipating	28	22	20	33	29	31	43	40	43	23	26	26	35
3059H	Nonparticipating	28	22	20	33	29	31	43	40	43	24	27	27	34
3060H	Nonparticipating	28	22	20	33	29	31	43	40	43	24	27	27	34
3061H	Nonparticipating	28	22	20	33	30	32	43	40	43	24	27	27	34
3062H	Nonparticipating	28	22	20	33	29	31	43	40	43	24	26	27	34
3063H	Nonparticipating	28	22	20	34	31	32	43	40	43	25	28	28	35
3066H	Nonparticipating	28	22	20	33	29	31	43	40	43	23	26	26	34
3070H	Nonparticipating	28	22	20	30	27	26	43	40	43	21	24	24	34
3071H	Nonparticipating	28	22	20	31	28	28	43	40	43	22	24	25	34
3082B	Nonparticipating	25	21	17	30	27	28	48	42	48	21	24	24	32
3083B	Nonparticipating	25	21	17	30	27	28	48	42	48	21	24	24	32

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3088R	Nonparticipating	24	24	19	28	26	27	36	32	36	18	21	21	29
3089R	Nonparticipating	24	24	19	29	27	28	36	32	36	19	23	23	30
3090R	Nonparticipating	24	24	19	28	27	28	36	32	36	19	23	23	30
3091R	Nonparticipating	24	24	19	28	27	28	36	32	36	19	22	22	30
3097R	Nonparticipating	24	24	19	28	26	27	36	32	36	18	21	21	29
3102R	Nonparticipating	24	24	19	27	26	27	36	32	36	17	20	20	28
3176H	Nonparticipating	28	22	20	29	24	25	43	40	43	15	19	18	26
3177H	Nonparticipating	28	22	20	30	26	27	43	40	43	18	21	21	29
3178H	Nonparticipating	28	22	20	30	26	27	43	40	43	18	21	21	29
3179H	Nonparticipating	28	22	20	29	24	24	43	40	43	13	17	17	25
3182H	Nonparticipating	28	22	20	29	24	24	43	40	43	13	16	16	24
3184HH	Nonparticipating	25	27	22	26	27	24	40	38	40	12	15	16	22
3185HH	Nonparticipating	25	27	22	26	27	24	40	38	40	13	15	16	22
3186D	Nonparticipating	22	22	17	24	23	21	38	34	38	10	13	13	20
3187D	Nonparticipating	22	22	17	24	23	21	38	34	38	10	13	13	20
3189HH	Nonparticipating	25	27	22	26	27	23	40	38	40	10	13	13	19
3190R	Nonparticipating	24	24	19	24	24	21	36	32	36	9	12	12	19
3191R	Nonparticipating	24	24	19	24	24	21	36	32	36	9	12	12	19
3206H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	13	20
3207H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	19
3208H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	19
3212H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	19
3213H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	19
3214H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	19
3215H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	19
3216H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	19
3217H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	19
3222R	Nonparticipating	24	24	19	24	24	21	36	32	36	9	13	13	19
3235R	Nonparticipating	24	24	19	24	24	21	36	32	36	8	11	11	17
3236R	Nonparticipating	24	24	19	24	24	21	36	32	36	8	11	11	17
3237R	Nonparticipating	24	24	19	24	24	21	36	32	36	8	11	11	17
3238R	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	11	17
3249R	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	11	17



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3250R	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	11	17
3261D	Nonparticipating	22	22	17	23	22	20	38	34	38	9	13	13	20
3263B	Nonparticipating	25	21	17	26	21	20	48	42	48	8	11	11	19
3274B	Nonparticipating	25	21	17	26	21	20	48	42	48	8	11	11	19
3275H	Nonparticipating	28	22	20	30	25	27	43	40	43	18	21	21	28
3278H	Nonparticipating	28	22	20	30	26	28	43	40	43	19	22	21	29
3279H	Nonparticipating	28	22	20	30	26	28	43	40	43	19	22	22	29
3281H	Nonparticipating	28	22	20	30	26	28	43	40	43	18	21	21	29
3289D	Nonparticipating	22	22	17	27	25	27	38	34	38	19	21	21	29
3293D	Nonparticipating	22	22	17	27	25	27	38	34	38	19	21	21	29
3299H	Nonparticipating	28	22	20	30	26	27	43	40	43	19	21	21	29
3300B	Nonparticipating	25	21	17	28	25	26	48	42	48	19	21	21	29
3301B	Nonparticipating	25	21	17	28	25	26	48	42	48	19	21	21	29
3311B	Nonparticipating	25	21	17	28	25	26	48	42	48	19	21	21	29
3313H	Nonparticipating	28	22	20	30	25	27	43	40	43	19	21	21	28
3318H	Nonparticipating	28	22	20	30	26	26	43	40	43	19	21	21	29
3319H	Nonparticipating	28	22	20	29	24	24	43	40	43	15	17	18	26
3322H	Nonparticipating	28	22	20	30	25	26	43	40	43	19	21	21	29
3327H	Nonparticipating	28	22	20	30	25	26	43	40	43	19	21	21	29
3329D	Nonparticipating	22	22	17	25	24	24	38	34	38	15	18	18	25
3330D	Nonparticipating	22	22	17	25	24	24	38	34	38	15	18	18	25
3333B	Nonparticipating	25	21	17	26	21	20	48	42	48	8	11	11	19
3334B	Nonparticipating	25	21	17	26	21	20	48	42	48	8	11	11	19
3335D	Nonparticipating	22	22	17	23	22	20	38	34	38	8	11	11	18
3336D	Nonparticipating	22	22	17	23	22	20	38	34	38	8	11	11	18
3337D	Nonparticipating	22	22	17	23	22	20	38	34	38	8	11	10	18
3338H	Nonparticipating	28	22	20	29	22	21	43	40	43	6	9	9	16
3339H	Nonparticipating	28	22	20	29	22	21	43	40	43	6	9	9	16
3342H	Nonparticipating	28	22	20	29	22	21	43	40	43	5	8	8	16
3343H	Nonparticipating	28	22	20	29	22	21	43	40	43	5	8	8	16
3344H	Nonparticipating	28	22	20	29	22	21	43	40	43	5	8	8	16
3349H	Nonparticipating	28	22	20	29	22	21	43	40	43	4	8	8	15
3360H	Nonparticipating	28	22	20	29	22	21	43	40	43	5	8	8	16

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3369B	Nonparticipating	25	21	17	26	21	19	48	42	48	5	9	9	17
3370B	Nonparticipating	25	21	17	26	21	19	48	42	48	5	9	9	17
3371B	Nonparticipating	25	21	17	26	21	19	48	42	48	5	9	8	17
3372B	Nonparticipating	25	21	17	26	21	20	48	42	48	7	10	10	19
3373B	Nonparticipating	25	21	17	26	21	19	48	42	48	5	9	9	17
3374B	Nonparticipating	25	21	17	26	21	19	48	42	48	5	9	9	17
3383B	Nonparticipating	25	21	17	26	21	20	48	42	48	6	10	10	18
3384H	Nonparticipating	28	22	20	31	27	28	43	40	43	18	22	23	30
3385H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
3386H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3387H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3388H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3389H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3390H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3391H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3392H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3393H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3394H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3395H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3396H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3397H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3398H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3399H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3400H	Nonparticipating	28	22	20	31	26	28	43	40	43	17	21	23	30
3403H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	29
3404H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	29
3405H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	28
3406H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3407H	Nonparticipating	28	22	20	30	25	26	43	40	43	16	20	21	28
3408H	Nonparticipating	28	22	20	30	25	26	43	40	43	16	20	21	28
3409H	Nonparticipating	28	22	20	30	25	26	43	40	43	16	19	21	28
3410H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	18	20	27
3411H	Nonparticipating	28	22	20	29	25	25	43	40	43	14	18	19	26



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3412H	Nonparticipating	28	22	20	30	25	26	43	40	43	16	20	21	28
3413H	Nonparticipating	28	22	20	30	25	26	43	40	43	16	20	21	28
3414H	Nonparticipating	28	22	20	30	25	26	43	40	43	16	20	21	28
3415H	Nonparticipating	28	22	20	30	25	26	43	40	43	16	20	21	28
3416H	Nonparticipating	28	22	20	30	25	26	43	40	43	16	20	21	28
3421H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	20	22	29
3422H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	29
3423H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	29
3424H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
3426H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
3427H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
3428H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
3429R	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	29
3430R	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	29
3432R	Nonparticipating	24	24	19	27	26	25	36	32	36	15	19	20	28
3433R	Nonparticipating	24	24	19	27	26	25	36	32	36	15	19	20	28
3434R	Nonparticipating	24	24	19	27	26	25	36	32	36	16	20	21	29
3435R	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	29
3438R	Nonparticipating	24	24	19	29	28	28	36	32	36	18	23	24	31
3440H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	31
3441H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	31
3442H	Nonparticipating	28	22	20	32	28	29	43	40	43	20	24	25	31
3443H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	24	26	32
3444H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	31
3449H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
3450H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
3451H	Nonparticipating	28	22	20	31	27	27	43	40	43	18	21	23	29
3452H	Nonparticipating	28	22	20	31	27	27	43	40	43	18	21	23	29
3453H	Nonparticipating	28	22	20	30	26	27	43	40	43	18	21	22	30
3454H	Nonparticipating	28	22	20	31	27	27	43	40	43	18	21	23	30
3455H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	23	29
3456H	Nonparticipating	28	22	20	31	27	27	43	40	43	18	21	23	29
3457H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3458H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
3459H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
3460H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
3462H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3463H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3464H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3466H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3467H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3468H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3469H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3470H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3471H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3473H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	16	24
3474H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	16	24
3475H	Nonparticipating	28	22	20	29	24	23	43	40	43	12	16	17	24
3476H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	16	24
3477H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	17	24
3478H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	16	24
3481HH	Nonparticipating	25	27	22	27	28	25	40	38	40	15	18	20	28
3482HH	Nonparticipating	25	27	22	27	28	25	40	38	40	16	20	21	29
3483HH	Nonparticipating	25	27	22	29	29	27	40	38	40	20	23	24	32
3484HH	Nonparticipating	25	27	22	29	29	28	40	38	40	20	23	25	32
3485HH	Nonparticipating	25	27	22	29	29	28	40	38	40	20	23	25	33
3487HH	Nonparticipating	25	27	22	34	33	33	40	38	40	25	29	30	38
3488HH	Nonparticipating	25	27	22	32	31	31	40	38	40	23	27	28	37
3494HH	Nonparticipating	25	27	22	28	28	26	40	38	40	18	21	22	31
3495HH	Nonparticipating	25	27	22	26	27	23	40	38	40	13	16	17	25
3496H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	16	17	25
3499H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	16	24
3500H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	16	17	25
3501H	Nonparticipating	28	22	20	29	24	24	43	40	43	13	17	18	26
3502H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	15	16	25
3503H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	15	16	24





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3505H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	17	25
3506H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	14	16	24
3508H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3509H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3510H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	24
3511H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	13	14	23
3512H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	13	15	23
3513H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3514H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3515H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3516H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3517H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3518H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3519H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3520H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	24
3521H	Nonparticipating	28	22	20	29	23	21	43	40	43	10	13	14	22
3522H	Nonparticipating	28	22	20	29	23	21	43	40	43	10	13	14	22
3523H	Nonparticipating	28	22	20	29	23	21	43	40	43	10	13	14	22
3524H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	23
3525H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	24
3528H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	15	16	25
3529H	Nonparticipating	28	22	20	29	23	22	43	40	43	13	16	17	26
3530H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	15	16	25
3531H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	15	16	25
3532H	Nonparticipating	28	22	20	29	23	22	43	40	43	13	16	17	26
3533H	Nonparticipating	28	22	20	29	23	22	43	40	43	13	16	17	26
3534H	Nonparticipating	28	22	20	29	23	22	43	40	43	14	16	17	26
3535R	Nonparticipating	24	24	19	25	25	22	36	32	36	14	17	18	26
3536H	Nonparticipating	28	22	20	29	24	22	43	40	43	14	17	18	27
3537H	Nonparticipating	28	22	20	29	23	22	43	40	43	13	16	17	26
3538H	Nonparticipating	28	22	20	29	24	23	43	40	43	15	18	19	28
3539H	Nonparticipating	28	22	20	29	24	23	43	40	43	15	18	19	28
3540H	Nonparticipating	28	22	20	29	24	23	43	40	43	16	18	19	28

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3541H	Nonparticipating	28	22	20	29	24	23	43	40	43	16	18	19	28
3543H	Nonparticipating	28	22	20	29	25	24	43	40	43	17	20	21	30
3544H	Nonparticipating	28	22	20	29	25	24	43	40	43	17	20	21	30
3545H	Nonparticipating	28	22	20	29	24	23	43	40	43	16	18	20	29
3555H	Nonparticipating	28	22	20	29	24	23	43	40	43	16	19	20	29
3556H	Nonparticipating	28	22	20	29	25	24	43	40	43	18	20	22	31
3559H	Nonparticipating	28	22	20	30	25	24	43	40	43	18	21	22	31
3560H	Nonparticipating	28	22	20	30	25	24	43	40	43	18	21	22	32
3561H	Nonparticipating	28	22	20	30	26	25	43	40	43	19	22	23	33
3562H	Nonparticipating	28	22	20	30	25	25	43	40	43	19	21	22	32
3563H	Nonparticipating	28	22	20	30	26	25	43	40	43	20	22	23	33
3564H	Nonparticipating	28	22	20	30	25	25	43	40	43	19	22	23	32
3565H	Nonparticipating	28	22	20	30	25	24	43	40	43	18	21	22	32
3566H	Nonparticipating	28	22	20	30	26	25	43	40	43	19	22	23	33
3568H	Nonparticipating	28	22	20	30	26	26	43	40	43	20	23	24	34
3571H	Nonparticipating	28	22	20	30	26	25	43	40	43	20	22	23	33
3572H	Nonparticipating	28	22	20	30	26	25	43	40	43	19	22	22	33
3575H	Nonparticipating	28	22	20	30	27	26	43	40	43	21	24	24	34
3576H	Nonparticipating	28	22	20	30	26	26	43	40	43	20	22	23	33
3577H	Nonparticipating	28	22	20	30	26	25	43	40	43	20	22	23	33
3578H	Nonparticipating	28	22	20	30	26	25	43	40	43	20	22	23	33
3580H	Nonparticipating	28	22	20	30	26	25	43	40	43	19	21	22	32
3581H	Nonparticipating	28	22	20	30	26	25	43	40	43	19	21	22	32
3582H	Nonparticipating	28	22	20	30	25	25	43	40	43	19	21	22	32
3584H	Nonparticipating	28	22	20	29	25	24	43	40	43	17	20	20	30
3585R	Nonparticipating	24	24	19	24	24	21	36	32	36	12	14	15	25
3586R	Nonparticipating	24	24	19	24	24	21	36	32	36	13	15	16	26
3587R	Nonparticipating	24	24	19	25	24	21	36	32	36	14	16	17	27
3588R	Nonparticipating	24	24	19	24	24	21	36	32	36	12	14	15	25
3589R	Nonparticipating	24	24	19	25	25	22	36	32	36	15	17	18	27
3590R	Nonparticipating	24	24	19	25	25	22	36	32	36	14	17	17	27
3593R	Nonparticipating	24	24	19	24	24	20	36	32	36	7	10	11	19
3594D	Nonparticipating	22	22	17	25	24	22	38	34	38	16	18	18	27



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3595D	Nonparticipating	22	22	17	25	24	22	38	34	38	16	18	18	27
3596D	Nonparticipating	22	22	17	25	24	22	38	34	38	16	18	18	27
3598D	Nonparticipating	22	22	17	24	23	22	38	34	38	15	17	18	26
3599D	Nonparticipating	22	22	17	24	23	22	38	34	38	15	17	18	26
3600W	Nonparticipating	24	24	19	25	25	23	36	32	36	15	17	18	26
3604R	Nonparticipating	24	24	19	24	24	20	36	32	36	10	12	12	22
3605R	Nonparticipating	24	24	19	24	24	20	36	32	36	10	12	12	22
3606R	Nonparticipating	24	24	19	24	24	21	36	32	36	11	13	14	24
3611R	Nonparticipating	24	24	19	24	24	20	36	32	36	11	13	14	24
3612H	Nonparticipating	28	22	20	29	23	22	43	40	43	14	16	17	27
3614H	Nonparticipating	28	22	20	29	25	24	43	40	43	18	20	20	29
3616R	Nonparticipating	24	24	19	24	24	20	36	32	36	9	11	12	22
3617R	Nonparticipating	24	24	19	24	24	20	36	32	36	9	11	12	21
3621B	Nonparticipating	25	21	17	26	21	20	48	42	48	9	11	11	19
3622B	Nonparticipating	25	21	17	26	21	20	48	42	48	8	11	11	18
3623B	Nonparticipating	25	21	17	26	21	20	48	42	48	9	12	12	19
3624B	Nonparticipating	25	21	17	26	21	20	48	42	48	9	12	12	19
3625B	Nonparticipating	25	21	17	26	21	20	48	42	48	9	12	12	19
3626B	Nonparticipating	25	21	17	26	21	20	48	42	48	9	12	12	19
3640D	Nonparticipating	22	22	17	27	26	26	38	34	38	19	21	22	27
3651D	Nonparticipating	22	22	17	28	27	27	38	34	38	19	22	23	27
3652D	Nonparticipating	22	22	17	28	27	27	38	34	38	19	22	23	27
3653D	Nonparticipating	22	22	17	28	28	27	38	34	38	20	23	24	28
3657D	Nonparticipating	22	22	17	28	27	27	38	34	38	20	22	23	28
3666H	Nonparticipating	28	22	20	38	37	38	43	40	43	31	34	34	39
3667H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	33	34	39
3668H	Nonparticipating	28	22	20	44	43	44	43	40	44	37	39	40	45
3670H	Nonparticipating	28	22	20	44	43	44	43	40	44	36	40	40	45
3687H	Nonparticipating	28	22	20	39	37	38	43	40	43	31	34	35	40
3688D	Nonparticipating	22	22	17	29	28	28	38	34	38	21	23	24	29
3689D	Nonparticipating	22	22	17	30	29	29	38	34	38	22	25	25	30
3702B	Nonparticipating	25	21	17	30	28	28	48	42	48	21	24	24	29
3706H	Nonparticipating	28	22	20	31	28	28	43	40	43	20	23	24	29

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3707H	Nonparticipating	28	22	20	30	27	27	43	40	43	20	22	23	28
3708H	Nonparticipating	28	22	20	31	27	28	43	40	43	20	22	23	28
3709H	Nonparticipating	28	22	20	31	28	29	43	40	43	21	24	25	30
3714H	Nonparticipating	28	22	20	31	29	29	43	40	43	22	25	25	30
3715H	Nonparticipating	28	22	20	32	29	30	43	40	43	22	25	26	31
3716H	Nonparticipating	28	22	20	31	29	29	43	40	43	22	24	25	30
3717H	Nonparticipating	28	22	20	32	29	30	43	40	43	22	25	25	31
3718H	Nonparticipating	28	22	20	32	30	30	43	40	43	23	25	26	31
3726H	Nonparticipating	28	22	20	38	37	38	43	40	43	31	34	34	39
3727H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	33	34	39
3728H	Nonparticipating	28	22	20	37	36	37	43	40	43	30	33	33	39
3729H	Nonparticipating	28	22	20	38	36	37	43	40	43	30	33	34	39
3730H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	33	34	39
3731H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	33	34	39
3732H	Nonparticipating	28	22	20	39	37	38	43	40	43	31	34	35	40
3742H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	32	38
3743H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	32	38
3744H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	32	38
3745H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	32	38
3746H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	32	37
3747H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
3748H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
3749H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
3750H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	32	38
3751H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	32	38
3752H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	32	38
3753H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	32	38
3754H	Nonparticipating	28	22	20	37	36	37	43	40	43	29	32	33	38
3755H	Nonparticipating	28	22	20	37	36	37	43	40	43	30	32	33	38
3758H	Nonparticipating	28	22	20	37	36	37	43	40	43	30	33	33	39
3769H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	32	38
3772H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	28	34
3773H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3774H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	27	28	33
3781H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3793H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	27	28	33
3794H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3795H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	27	28	33
3796H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3797H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3798H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3799H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3800H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3801H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3802W	Nonparticipating	24	24	19	31	30	30	36	32	36	23	26	26	32
3804H	Nonparticipating	28	22	20	32	30	31	43	40	43	24	26	27	32
3805H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	27	28	33
3806H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	27	28	33
3807H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	27	28	33
3808H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3809H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	27	28	33
3810H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	27	28	33
3811H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	27	28	33
3812H	Nonparticipating	28	22	20	33	31	31	43	40	43	24	27	27	33
3813H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3814H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3815H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3816H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	34
3817H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	34
3818H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	34
3819H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	34
3820H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3821H	Nonparticipating	28	22	20	33	32	32	43	40	43	25	28	29	34
3822H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	34
3823H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3824H	Nonparticipating	28	22	20	33	32	32	43	40	43	25	28	29	34

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3825H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	34
3826H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	34
3827H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	34
3828H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3829H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3830H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3831H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	34
3832H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3833H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3834H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3845H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3846H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3847H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	27	28	33
3848H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3849H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	34
3850H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3851H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	34
3860H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3861H	Nonparticipating	28	22	20	33	31	32	43	40	43	25	28	28	33
3862H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	34
3863H	Nonparticipating	28	22	20	34	32	32	43	40	43	26	28	29	34
3864H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3865H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3866H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3867H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3868H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3869H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3870H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3871H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3872H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3873H	Nonparticipating	28	22	20	34	32	32	43	40	43	26	28	29	34
3874H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
3875H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3876H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	34
3877H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	34
3878H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	34
3879H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	35
3880H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	29	35
3881H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	29	35
3882H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
3883H	Nonparticipating	28	22	20	34	33	33	43	40	43	27	29	30	35
3884H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	34
3885H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	35
3886H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	29	35
3887H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
3888H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
3889H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
3898H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
3899H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
3900H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	34
3910H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
3911H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
3912H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
3913H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
3914H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
3915H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
3916H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
3917H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
3918H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
3919H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
3920H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
3921H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
3922H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
3940H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
3941H	Nonparticipating	28	22	20	35	34	34	43	40	43	28	30	31	36
3942H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3943H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3944H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3945H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3946H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3947H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3948H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	36
3949H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	36
3950H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
3951H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3952H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3953H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3954H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3955H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	31	31	36
3956H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	36
3957H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
3958H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
3959H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
3960H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
3961H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
3962H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
3963H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
3964H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	36
3965H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3968H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
3969H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
3970H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
3971H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
3972H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
3973H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	31	36
3974H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	31	36
3975H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
3976H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	31	36
3977H	Nonparticipating	28	22	20	35	34	35	43	40	43	27	30	31	36



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3978H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
3979H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	31	31	36
3980H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
3981H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	32	37
3982H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	32	37
3983H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	32	37
3984H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	32	37
3985H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	36
3986H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	37
3987H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	32	37
4010H	Nonparticipating	28	22	20	37	35	36	43	40	43	31	32	33	38
4015HH	Nonparticipating	25	27	22	36	35	36	40	38	40	31	32	32	38
4016HH	Nonparticipating	25	27	22	36	35	36	40	38	40	31	32	33	38
4017HH	Nonparticipating	25	27	22	36	35	36	40	38	40	30	32	32	38
4018HH	Nonparticipating	25	27	22	37	36	37	40	38	40	31	33	33	39
4021HH	Nonparticipating	25	27	22	37	36	37	40	38	40	31	33	34	38
4025H	Nonparticipating	28	22	20	37	36	37	43	40	43	30	33	33	38
4031H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	34
4032H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4033H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4034H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4035H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4036H	Nonparticipating	28	22	20	34	33	34	43	40	43	26	29	30	35
4043H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	28	33
4044H	Nonparticipating	28	22	20	34	33	34	43	40	43	26	29	30	35
4048H	Nonparticipating	28	22	20	42	41	42	43	40	44	35	38	39	43
4049H	Nonparticipating	28	22	20	41	40	41	43	40	44	34	37	38	43
4050H	Nonparticipating	28	22	20	40	39	40	43	40	44	33	36	37	42
4051H	Nonparticipating	28	22	20	42	41	42	43	40	44	34	37	38	43
4052H	Nonparticipating	28	22	20	41	40	41	43	40	44	34	37	38	43
4053H	Nonparticipating	28	22	20	42	40	42	43	40	44	34	37	38	43
4054HH	Nonparticipating	25	27	22	42	41	42	40	38	41	34	37	38	43
4056H	Nonparticipating	28	22	20	41	40	41	43	40	44	33	36	37	42

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4057H	Nonparticipating	28	22	20	41	40	41	43	40	44	33	36	37	42
4058HH	Nonparticipating	25	27	22	41	41	42	40	38	41	35	37	38	43
4059H	Nonparticipating	28	22	20	39	38	39	43	40	44	32	35	36	41
4066H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
4067H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
4074H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	34
4083HH	Nonparticipating	25	27	22	41	40	41	40	38	41	35	37	38	42
4084HH	Nonparticipating	25	27	22	40	40	40	40	38	41	35	36	37	42
4085HH	Nonparticipating	25	27	22	40	39	40	40	38	41	35	36	37	41
4086H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	33	34	39
4087H	Nonparticipating	28	22	20	36	35	36	43	40	43	28	31	32	37
4088H	Nonparticipating	28	22	20	36	35	36	43	40	43	28	31	32	37
4092H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	27	33
4093H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	34
4094H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	27	33
4095H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	33
4096H	Nonparticipating	28	22	20	34	32	33	43	40	43	24	28	28	34
4097H	Nonparticipating	28	22	20	34	32	33	43	40	43	24	27	28	34
4098H	Nonparticipating	28	22	20	34	32	33	43	40	43	24	28	28	34
4099H	Nonparticipating	28	22	20	35	33	34	43	40	43	25	29	29	35
4102H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	36
4106HH	Nonparticipating	25	27	22	39	38	38	40	38	41	34	35	36	42
4109HH	Nonparticipating	25	27	22	31	31	31	40	38	40	23	26	26	33
4114HH	Nonparticipating	25	27	22	33	32	32	40	38	40	24	28	28	35
4118H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	14	14	21
4119H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	15	15	22
4120H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	15	15	22
4123W	Nonparticipating	24	24	19	26	26	25	36	32	36	17	19	19	26
4124W	Nonparticipating	24	24	19	26	26	25	36	32	36	17	19	19	26
4125W	Nonparticipating	24	24	19	26	25	24	36	32	36	15	17	18	24
4126H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	13	14	20
4128H	Nonparticipating	28	22	20	33	31	31	43	40	43	24	27	28	33
4129H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	33



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4130H	Nonparticipating	28	22	20	33	31	32	43	40	43	24	27	28	33
4131H	Nonparticipating	28	22	20	37	35	36	43	40	43	29	32	33	37
4138H	Nonparticipating	28	22	20	35	34	35	43	40	43	27	30	31	36
4139H	Nonparticipating	28	22	20	35	34	35	43	40	43	27	30	31	36
4142HH	Nonparticipating	25	27	22	33	33	32	40	38	40	25	28	29	33
4143HH	Nonparticipating	25	27	22	31	31	30	40	38	40	23	26	26	31
4152D	Nonparticipating	22	22	17	25	24	23	38	34	38	15	18	19	23
4156D	Nonparticipating	22	22	17	26	25	24	38	34	38	16	19	20	24
4160HH	Nonparticipating	25	27	22	34	34	34	40	38	40	26	29	30	35
4161HH	Nonparticipating	25	27	22	34	34	34	40	38	40	27	30	31	35
4162HH	Nonparticipating	25	27	22	34	33	34	40	38	40	26	29	30	34
4164H	Nonparticipating	28	22	20	37	36	36	43	40	43	29	32	33	37
4165H	Nonparticipating	28	22	20	36	35	36	43	40	43	28	31	32	37
4166H	Nonparticipating	28	22	20	36	35	36	43	40	43	28	31	32	37
4168H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	32	32	37
4175H	Nonparticipating	28	22	20	36	35	36	43	40	43	28	31	32	37
4176H	Nonparticipating	28	22	20	36	35	36	43	40	43	28	31	32	37
4180H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	33	38
4181H	Nonparticipating	28	22	20	35	34	35	43	40	43	27	30	31	36
4190H	Nonparticipating	28	22	20	37	36	37	43	40	43	29	32	33	38
4191H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	35
4192H	Nonparticipating	28	22	20	37	36	36	43	40	43	29	32	33	38
4193H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	30	34
4194H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	34
4207H	Nonparticipating	28	22	20	36	35	36	43	40	43	28	31	32	37
4208H	Nonparticipating	28	22	20	34	33	34	43	40	43	26	29	30	35
4209H	Nonparticipating	28	22	20	37	36	37	43	40	43	29	32	33	38
4210HH	Nonparticipating	25	27	22	35	35	35	40	38	40	28	31	31	36
4223H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
4224H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
4225H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
4226H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
4227H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4229H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
4230H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
4240L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	28	29	34
4241L	Nonparticipating	29	25	21	32	30	29	49	45	49	21	24	26	31
4242L	Nonparticipating	29	25	21	34	33	33	49	45	49	24	28	29	35
4249H	Nonparticipating	28	22	20	38	37	38	43	40	44	32	34	34	40
4251H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
4252H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4253H	Nonparticipating	28	22	20	36	35	36	43	40	43	29	31	32	37
4254H	Nonparticipating	28	22	20	36	35	35	43	40	43	29	31	32	37
4261H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	32	37
4262H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
4268H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
4269H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	31	36
4270H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
4271H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
4272H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	30	31	36
4273H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
4274H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
4275H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	31	36
4276H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
4277H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4278H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4279H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4280H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4281H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4282H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4283H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4284H	Nonparticipating	28	22	20	34	33	33	43	40	43	27	29	30	35
4285H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
4286H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
4287H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	35
4288H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	35



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4289H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
4290H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
4291H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4292H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4293H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4294H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4295H	Nonparticipating	28	22	20	34	33	33	43	40	43	27	29	30	35
4296H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4297H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4298H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4299H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4300H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4301H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4302H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4303H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4304H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
4305H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4306H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4307H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4308H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
4309H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	36
4310H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4311H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4312H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4313H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4314H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4315H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4316H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4317H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4318H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4321H	Nonparticipating	28	22	20	35	34	35	43	40	43	28	31	31	36
4322H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
4324H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4325H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	28	29	34
4326H	Nonparticipating	28	22	20	34	32	33	43	40	43	26	29	29	34
4327H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4328H	Nonparticipating	28	22	20	34	33	34	43	40	43	26	29	30	35
4329H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
4330H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
4339H	Nonparticipating	28	22	20	34	33	33	43	40	43	26	29	30	35
4340H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4341H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4342H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4343W	Nonparticipating	24	24	19	29	28	28	36	32	36	21	23	24	29
4344W	Nonparticipating	24	24	19	29	28	28	36	32	36	21	23	24	29
4345W	Nonparticipating	24	24	19	28	28	27	36	32	36	20	22	23	28
4349W	Nonparticipating	24	24	19	29	29	29	36	32	36	22	24	25	30
4350W	Nonparticipating	24	24	19	30	29	29	36	32	36	22	24	25	30
4351W	Nonparticipating	24	24	19	29	28	28	36	32	36	21	23	24	29
4352W	Nonparticipating	24	24	19	29	29	29	36	32	36	21	24	25	29
4353H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4354H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4355H	Nonparticipating	28	22	20	34	33	34	43	40	43	26	29	30	35
4356H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4357H	Nonparticipating	28	22	20	34	33	34	43	40	43	27	29	30	35
4358H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4359H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4360H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4361H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4362H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4363H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4364H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4365H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4366H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	31	36
4367H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
4368H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>9h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4369H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
4370H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	31	36
4371H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4372H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4373H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4374H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4375H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	30	30	35
4376H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4377H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4378H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4379H	Nonparticipating	28	22	20	35	33	34	43	40	43	27	29	30	35
4383R	Nonparticipating	24	24	19	28	27	27	36	32	36	19	22	22	29
4384R	Nonparticipating	24	24	19	29	28	28	36	32	36	20	23	23	31
4385R	Nonparticipating	24	24	19	30	29	29	36	32	36	21	24	25	32
4386R	Nonparticipating	24	24	19	30	29	30	36	32	36	21	25	25	32
4387W	Nonparticipating	24	24	19	28	27	27	36	32	36	18	21	21	28
4388W	Nonparticipating	24	24	19	28	27	27	36	32	36	19	21	22	29
4395W	Nonparticipating	24	24	19	30	29	30	36	32	36	22	25	25	32
4396W	Nonparticipating	24	24	19	30	29	30	36	32	36	22	25	25	32
4397D	Nonparticipating	22	22	17	28	27	28	38	34	38	21	23	23	31
4398D	Nonparticipating	22	22	17	29	27	28	38	34	38	21	24	24	31
4405B	Nonparticipating	25	21	17	31	29	30	48	42	48	24	26	26	32
4407W	Nonparticipating	24	24	19	29	28	28	36	32	36	22	23	24	29
4408W	Nonparticipating	24	24	19	29	28	28	36	32	36	22	23	24	29
4410D	Nonparticipating	22	22	17	26	25	25	38	34	38	18	20	20	27
4411D	Nonparticipating	22	22	17	27	25	25	38	34	38	18	21	21	27
4412D	Nonparticipating	22	22	17	27	26	27	38	34	38	19	22	22	29
4413D	Nonparticipating	22	22	17	27	26	27	38	34	38	19	22	22	29
4418B	Nonparticipating	25	21	17	26	23	22	48	42	48	14	16	16	23
4421D	Nonparticipating	22	22	17	25	24	23	38	34	38	15	18	18	24
4423H	Nonparticipating	28	22	20	29	24	24	43	40	43	16	18	18	24
4424H	Nonparticipating	28	22	20	29	24	24	43	40	43	16	18	18	24
4425B	Nonparticipating	25	21	17	27	23	23	48	42	48	15	17	17	24

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4426B	Nonparticipating	25	21	17	27	23	23	48	42	48	15	17	18	24
4432H	Nonparticipating	28	22	20	29	24	24	43	40	43	15	17	17	24
4436B	Nonparticipating	25	21	17	27	23	22	48	42	48	14	17	17	23
4442B	Nonparticipating	25	21	17	26	23	22	48	42	48	14	16	16	23
4444H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	15	15	21
4445H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	15	21
4446H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	14	15	21
4447D	Nonparticipating	22	22	17	27	26	26	38	34	38	15	20	22	26
4448W	Nonparticipating	24	24	19	41	40	41	36	32	39	35	37	38	43
4449H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	15	15	21
4450HH	Nonparticipating	25	27	22	35	35	35	40	38	40	28	31	33	40
4453W	Nonparticipating	24	24	19	29	28	28	36	32	36	19	22	24	29
4454D	Nonparticipating	22	22	17	29	28	28	38	34	38	18	23	24	29
4456H	Nonparticipating	28	22	20	31	27	28	43	40	43	19	22	23	29
4457H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	27
4458H	Nonparticipating	28	22	20	30	26	27	43	40	43	18	21	22	28
4459H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	22	27
4460D	Nonparticipating	22	22	17	29	28	28	38	34	38	20	23	25	30
4462H	Nonparticipating	28	22	20	39	38	39	43	40	44	32	35	36	41
4463H	Nonparticipating	28	22	20	41	40	41	43	40	44	33	37	38	42
4465D	Nonparticipating	22	22	17	36	35	36	38	34	39	29	32	33	37
4468HH	Nonparticipating	25	27	22	42	41	42	40	38	41	36	38	39	43
4470W	Nonparticipating	24	24	19	41	40	41	36	32	39	36	37	38	42
4472H	Nonparticipating	28	22	20	33	31	32	43	40	43	23	27	27	33
4473HH	Nonparticipating	25	27	22	39	39	39	40	38	41	34	36	36	41
4475HH	Nonparticipating	25	27	22	33	32	32	40	38	40	24	27	28	34
4476D	Nonparticipating	22	22	17	37	36	37	38	34	39	29	33	34	39
4480D	Nonparticipating	22	22	17	31	30	30	38	34	39	25	26	27	33
4481W	Nonparticipating	24	24	19	32	32	32	36	32	36	27	29	30	38
4483H	Nonparticipating	28	22	20	39	38	39	43	40	43	32	34	35	40
4490H	Nonparticipating	28	22	20	40	39	40	43	40	44	34	36	36	42
4492D	Nonparticipating	22	22	17	27	26	26	38	34	38	20	22	22	28
4494D	Nonparticipating	22	22	17	37	36	37	38	34	39	31	33	35	42





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4499H	Nonparticipating	28	22	20	37	36	36	43	40	43	30	32	33	38
4501H	Nonparticipating	28	22	20	37	36	37	43	40	43	30	32	33	38
4503D	Nonparticipating	22	22	17	25	24	23	38	34	38	16	18	18	23
4504H	Nonparticipating	28	22	20	38	35	37	43	40	43	28	32	33	39
4506D	Nonparticipating	22	22	17	40	39	40	38	34	40	34	36	37	42
4507D	Nonparticipating	22	22	17	27	26	26	38	34	38	19	21	22	27
4509D	Nonparticipating	22	22	17	24	23	21	38	34	38	12	15	15	21
4510H	Nonparticipating	28	22	20	29	23	23	43	40	43	12	14	15	20
4518H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	15	16	21
4520H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	16	16	22
4521H	Nonparticipating	28	22	20	29	24	24	43	40	43	14	17	17	23
4524H	Nonparticipating	28	22	20	29	24	23	43	40	43	12	15	15	21
4525H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	16	16	22
4527H	Nonparticipating	28	22	20	29	24	23	43	40	43	12	15	16	22
Maximum					44	43	44			49	38	40	41	46
Minimum					23	21	19			36	4	8	8	14
Average					32	30	30			42	22	25	26	32
<b>Participating</b>														
334D	Participating	22	22	17	28	27	27	38	34	38	17	22	23	28
426D	Participating	22	22	17	41	40	42	38	34	40	36	38	38	43
549H	Participating	28	22	20	43	42	43	43	40	44	37	39	39	44
575D	Participating	22	22	17	40	39	40	38	34	40	34	37	38	45
578H	Participating	28	22	20	42	41	42	43	40	44	36	38	39	43
583H	Participating	28	22	20	43	41	43	43	40	44	36	38	39	45
590H	Participating	28	22	20	42	42	42	43	40	44	37	39	39	43
607H	Participating	28	22	20	41	40	41	43	40	44	36	37	38	44
609B	Participating	25	21	17	42	41	42	48	42	48	37	38	38	45
633H	Participating	28	22	20	40	39	40	43	40	44	34	36	37	41
649H	Participating	28	22	20	40	39	40	43	40	44	34	36	37	41
670D	Participating	22	22	17	39	38	38	38	34	40	33	35	35	40
778W	Participating	24	24	19	36	34	36	36	32	37	29	31	31	38
888B	Participating	25	21	17	43	42	43	48	42	48	37	39	40	44
903HH	Participating	25	27	22	37	36	37	40	38	40	31	33	33	39

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>Bh</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
907W	Participating	24	24	19	43	42	43	36	32	39	36	39	39	44
916L	Participating	29	25	21	36	33	35	49	45	49	25	29	31	38
969B	Participating	25	21	17	37	36	37	48	42	48	29	33	34	40
979HH	Participating	25	27	22	40	39	40	40	38	41	35	36	37	42
2371D	Participating	22	22	17	25	24	24	38	34	38	16	18	19	24
2468D	Participating	22	22	17	31	30	31	38	34	39	24	26	27	32
2481B	Participating	25	21	17	27	23	22	48	42	48	15	17	17	23
2575B	Participating	25	21	17	27	24	24	48	42	48	16	19	19	25
2581B	Participating	25	21	17	27	24	24	48	42	48	16	18	19	24
2616D	Participating	22	22	17	41	40	41	38	34	40	35	37	38	42
2651H	Participating	28	22	20	42	41	43	43	40	44	35	38	39	44
2665D	Participating	22	22	17	29	28	28	38	34	38	21	24	24	30
2668D	Participating	22	22	17	25	24	24	38	34	38	15	18	19	24
2689R	Participating	24	24	19	32	31	31	36	32	36	23	26	27	33
2800HH	Participating	25	27	22	43	43	44	40	38	42	38	40	40	45
2835R	Participating	24	24	19	40	37	40	36	32	37	32	35	35	43
2836R	Participating	24	24	19	39	36	39	36	32	37	31	34	34	42
3072H	Participating	28	22	20	31	28	27	43	40	43	22	25	26	36
3081H	Participating	28	22	20	31	28	28	43	40	43	23	25	26	36
4107HH	Participating	25	27	22	34	34	34	40	38	40	26	29	30	35
4108HH	Participating	25	27	22	33	33	33	40	38	40	26	29	29	36
4110HH	Participating	25	27	22	32	31	32	40	38	40	24	27	27	34
4246HH	Participating	25	27	22	37	36	37	40	38	40	32	33	33	39
4394B	Participating	25	21	17	29	27	28	48	42	48	21	23	24	30
4409D	Participating	22	22	17	27	26	26	38	34	38	19	21	21	28
4464HH	Participating	25	27	22	41	40	41	40	38	41	34	37	38	43
4471W	Participating	24	24	19	42	40	42	36	32	39	36	38	38	44
4478B	Participating	25	21	17	43	42	43	48	42	48	37	39	40	44
4493W	Participating	24	24	19	29	28	28	36	32	36	22	23	24	29
4495D	Participating	22	22	17	38	37	38	38	34	39	32	34	35	41
Maximum					44	43	44			49	38	40	40	45
Minimum					25	23	22			36	15	17	17	23
Average					36	35	36			42	29	31	32	38

**TABLE 35: ANNUALIZED MODELING RESULTS - CUMULATIVE, INCLUDING LOW WIND PERIODS (ARTICLE 10/STIPULATION 19(F), 19(D), AND (19(E))**

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
Property Line														
Cohocton2D	Property Line	22	22	17	45	44	45	38	34	41	38	41	41	48
Cohocton4W	Property Line	24	24	19	47	47	47	36	32	41	39	43	44	49
Fremont1R	Property Line	24	24	19	47	47	47	36	32	42	40	43	44	49
Dansville1D	Property Line	22	22	17	47	47	47	38	34	42	39	43	44	50
Cohocton1D	Property Line	22	22	17	45	44	44	38	34	41	38	41	41	47
Wayland1W	Property Line	24	24	19	46	45	45	36	32	41	39	41	42	47
Fremont2R	Property Line	24	24	19	45	43	45	36	32	39	37	40	40	47
Wayland2D	Property Line	22	22	17	40	39	39	38	34	40	33	36	36	44
Cohocton5D	Property Line	22	22	17	41	40	41	38	34	40	34	37	37	44
Cohocton3W	Property Line	24	24	19	42	41	42	36	32	39	36	38	38	44
Maximum					47	47	47			42	40	43	44	50
Minimum					40	39	39			39	33	36	36	44
Average					45	44	44			40	37	40	41	47
Nonparticipating														
1HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	7	8	14
2HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	7	8	14
3HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	7	8	14
4HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	7	8	14
10H	Nonparticipating	28	22	20	28	22	21	43	40	43	4	8	8	14
17H	Nonparticipating	28	22	20	29	23	21	43	40	43	4	8	9	15
22H	Nonparticipating	28	22	20	29	23	21	43	40	43	4	8	9	15
23H	Nonparticipating	28	22	20	29	22	21	43	40	43	4	8	9	15
24H	Nonparticipating	28	22	20	29	23	21	43	40	43	4	8	9	15
25HH	Nonparticipating	25	27	22	25	27	22	40	38	40	4	8	9	15
31HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	8	9	15
36HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	8	9	16
37HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	9	15
38HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	9	15
39HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	9	15
40HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	9	16

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Nighttime/Year	Daytime/Year	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
41HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	9	16
42HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	10	16
43HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	10	16
44HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	9	16
45HH	Nonparticipating	25	27	22	25	27	22	40	38	40	8	11	12	18
46HH	Nonparticipating	25	27	22	25	27	22	40	38	40	8	11	11	18
47HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	10	16
48HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	10	16
49HH	Nonparticipating	25	27	22	25	27	22	40	38	40	5	9	10	16
54HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	17
55R	Nonparticipating	24	24	19	24	24	20	36	32	36	5	9	10	17
56R	Nonparticipating	24	24	19	24	24	20	36	32	36	5	10	10	17
62HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	17
63HH	Nonparticipating	25	27	22	26	27	23	40	38	40	11	14	14	21
64B	Nonparticipating	25	21	17	26	22	21	48	42	48	12	15	15	22
65B	Nonparticipating	25	21	17	26	22	20	48	42	48	9	12	13	20
74HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	10	17
75D	Nonparticipating	22	22	17	23	22	19	38	34	38	7	11	11	18
77D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	11	12	19
78D	Nonparticipating	22	22	17	24	23	21	38	34	38	11	14	15	22
79D	Nonparticipating	22	22	17	25	24	22	38	34	38	14	16	17	24
80D	Nonparticipating	22	22	17	25	24	22	38	34	38	14	16	17	24
81D	Nonparticipating	22	22	17	25	24	23	38	34	38	14	17	17	24
82D	Nonparticipating	22	22	17	24	23	21	38	34	38	11	14	15	22
83B	Nonparticipating	25	21	17	26	23	22	48	42	48	13	15	16	23
85HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	17
86HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	17
90HH	Nonparticipating	25	27	22	25	27	22	40	38	40	7	10	11	17
92W	Nonparticipating	24	24	19	24	24	20	36	32	36	4	8	9	15
94W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	8	9	15
95B	Nonparticipating	25	21	17	26	21	18	48	42	48	5	8	9	15
98D	Nonparticipating	22	22	17	23	22	19	38	34	38	5	9	10	16
99B	Nonparticipating	25	21	17	26	21	19	48	42	48	6	10	11	18
103D	Nonparticipating	22	22	17	23	22	19	38	34	38	5	9	9	16



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
108W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	10	11	18
109W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	10	11	18
110HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	18
111W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	10	11	18
112HH	Nonparticipating	25	27	22	25	27	22	40	38	40	6	10	11	17
120D	Nonparticipating	22	22	17	26	25	24	38	34	38	15	19	20	26
121D	Nonparticipating	22	22	17	26	25	24	38	34	38	15	19	19	26
125D	Nonparticipating	22	22	17	26	25	25	38	34	38	16	19	20	27
126D	Nonparticipating	22	22	17	26	25	25	38	34	38	16	19	20	27
130D	Nonparticipating	22	22	17	26	25	25	38	34	38	14	18	19	26
131D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	13	14	21
133D	Nonparticipating	22	22	17	27	25	25	38	34	38	16	20	20	27
134D	Nonparticipating	22	22	17	25	24	24	38	34	38	14	18	19	25
135D	Nonparticipating	22	22	17	25	24	23	38	34	38	13	17	17	24
136D	Nonparticipating	22	22	17	24	23	22	38	34	38	11	15	16	23
137D	Nonparticipating	22	22	17	24	23	22	38	34	38	11	15	16	23
138D	Nonparticipating	22	22	17	24	23	22	38	34	38	11	15	16	22
139D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	11	12	19
140D	Nonparticipating	22	22	17	23	22	19	38	34	38	5	9	10	16
142W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	8	9	15
143W	Nonparticipating	24	24	19	24	24	20	36	32	36	5	8	9	15
144B	Nonparticipating	25	21	17	26	21	18	48	42	48	5	8	9	15
147D	Nonparticipating	22	22	17	23	22	18	38	34	38	5	8	9	15
150D	Nonparticipating	22	22	17	23	22	18	38	34	38	5	8	9	15
154W	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	11	17
155W	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	10	17
157W	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	11	17
158W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	12	18
160W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	11	11	18
165W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	12	19
166W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	12	19
168D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	12	13	19
170D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	12	13	19

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
171D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	20	21	28
175W	Nonparticipating	24	24	19	27	27	26	36	32	36	16	20	21	28
178D	Nonparticipating	22	22	17	27	25	25	38	34	38	16	20	20	27
183W	Nonparticipating	24	24	19	27	26	26	36	32	36	15	20	20	27
184W	Nonparticipating	24	24	19	27	26	26	36	32	36	15	20	20	27
185D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	21	21	28
186D	Nonparticipating	22	22	17	27	26	26	38	34	38	17	21	21	28
187D	Nonparticipating	22	22	17	28	26	27	38	34	38	17	21	22	29
188D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	21	22	28
195D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	21	22	29
197D	Nonparticipating	22	22	17	28	26	27	38	34	38	16	21	22	29
198B	Nonparticipating	25	21	17	27	23	24	48	42	48	12	17	18	25
199D	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	27
200D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	16	17	24
203E	Nonparticipating	22	22	17	26	24	25	38	34	38	14	18	19	26
204E	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	27
206E	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	27
207E	Nonparticipating	22	22	17	26	25	25	38	34	38	15	19	20	27
208W	Nonparticipating	24	24	19	28	26	26	36	32	36	16	20	21	28
209W	Nonparticipating	24	24	19	27	26	26	36	32	36	15	20	20	28
210W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	19	20	27
211W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	19	20	27
214W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	19	20	27
215W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	19	19	26
216W	Nonparticipating	24	24	19	26	25	24	36	32	36	13	18	18	25
217W	Nonparticipating	24	24	19	26	26	25	36	32	36	14	18	19	26
218W	Nonparticipating	24	24	19	26	26	25	36	32	36	14	18	19	26
220W	Nonparticipating	24	24	19	27	26	25	36	32	36	15	19	20	27
221W	Nonparticipating	24	24	19	27	26	25	36	32	36	15	18	19	26
222W	Nonparticipating	24	24	19	28	27	26	36	32	36	17	20	21	28
225W	Nonparticipating	24	24	19	28	27	26	36	32	36	17	21	21	28
229W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	18	19	26
230W	Nonparticipating	24	24	19	27	26	25	36	32	36	14	19	19	26
231D	Nonparticipating	22	22	17	25	24	24	38	34	38	12	17	18	24



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
232W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	12	13	19
233W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	12	12	19
234W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	12	13	19
235W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	12	12	19
236D	Nonparticipating	22	22	17	26	25	25	38	34	38	15	19	20	26
237D	Nonparticipating	22	22	17	25	24	22	38	34	38	10	15	16	23
240D	Nonparticipating	22	22	17	26	25	25	38	34	38	15	19	20	26
241D	Nonparticipating	22	22	17	25	24	24	38	34	38	13	17	18	24
242D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	11	11	18
243D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	11	11	18
247D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	11	12	18
250D	Nonparticipating	22	22	17	23	22	19	38	34	38	6	10	11	17
251W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	10	11	17
254W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	11	12	18
255W	Nonparticipating	24	24	19	24	24	21	36	32	36	7	12	12	19
256W	Nonparticipating	24	24	19	25	24	21	36	32	36	8	12	13	20
257D	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	26
258D	Nonparticipating	22	22	17	26	25	24	38	34	38	14	18	19	25
260W	Nonparticipating	24	24	19	25	25	22	36	32	36	9	14	15	21
261W	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	28
263W	Nonparticipating	24	24	19	27	26	25	36	32	36	15	19	20	27
264W	Nonparticipating	24	24	19	25	25	23	36	32	36	11	15	16	23
265W	Nonparticipating	24	24	19	25	25	23	36	32	36	11	15	16	23
267W	Nonparticipating	24	24	19	25	25	23	36	32	36	12	16	17	24
268W	Nonparticipating	24	24	19	26	25	23	36	32	36	12	16	17	24
269W	Nonparticipating	24	24	19	26	25	23	36	32	36	12	16	17	24
272W	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	29
273W	Nonparticipating	24	24	19	26	25	23	36	32	36	12	16	17	24
275H	Nonparticipating	28	22	20	31	27	28	43	40	43	18	22	23	30
276H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	30
277H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	30
278H	Nonparticipating	28	22	20	31	27	28	43	40	43	18	22	23	30
279H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	30

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Nighttime/Year	Daytime/Year	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
281H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
282H	Nonparticipating	28	22	20	31	27	29	43	40	43	18	23	24	31
283D	Nonparticipating	22	22	17	28	27	27	38	34	38	18	22	23	30
284D	Nonparticipating	22	22	17	29	28	29	38	34	38	19	23	24	31
285D	Nonparticipating	22	22	17	28	27	28	38	34	38	18	22	23	30
286H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
287H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	22	30
289H	Nonparticipating	28	22	20	31	26	28	43	40	43	17	21	22	30
290H	Nonparticipating	28	22	20	30	26	27	43	40	43	16	21	22	29
292H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
293D	Nonparticipating	22	22	17	29	28	29	38	34	38	20	24	24	31
294D	Nonparticipating	22	22	17	29	28	28	38	34	38	19	23	24	31
296W	Nonparticipating	24	24	19	25	25	22	36	32	36	9	14	15	22
297D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	21
299D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	17	18	24
300D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
301D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
302D	Nonparticipating	22	22	17	26	25	24	38	34	38	14	18	19	25
303D	Nonparticipating	22	22	17	25	24	23	38	34	38	13	17	18	24
307D	Nonparticipating	22	22	17	25	24	23	38	34	38	12	17	18	24
308D	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	19	26
309D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	14	21
311D	Nonparticipating	22	22	17	24	23	20	38	34	38	8	12	13	19
312D	Nonparticipating	22	22	17	24	23	21	38	34	38	10	14	15	22
316D	Nonparticipating	22	22	17	23	22	20	38	34	38	8	12	13	19
318W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	10	11	17
320W	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	11	17
323W	Nonparticipating	24	24	19	24	24	20	36	32	36	6	10	11	17
327W	Nonparticipating	24	24	19	24	24	21	36	32	36	6	10	11	17
328D	Nonparticipating	22	22	17	23	22	20	38	34	38	7	12	12	19
331D	Nonparticipating	22	22	17	25	24	22	38	34	38	11	15	16	23
333D	Nonparticipating	22	22	17	27	26	26	38	34	38	15	20	21	27
337D	Nonparticipating	22	22	17	27	26	26	38	34	38	15	20	21	27
341D	Nonparticipating	22	22	17	26	25	25	38	34	38	14	19	20	26





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
342D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	26
343D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	26
344D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
345D	Nonparticipating	22	22	17	29	28	28	38	34	38	18	23	24	30
347D	Nonparticipating	22	22	17	29	28	28	38	34	38	19	23	24	30
348D	Nonparticipating	22	22	17	29	28	29	38	34	38	19	23	24	31
349D	Nonparticipating	22	22	17	29	28	29	38	34	38	19	24	25	31
350D	Nonparticipating	22	22	17	29	28	29	38	34	38	19	23	24	31
352D	Nonparticipating	22	22	17	29	28	29	38	34	38	19	23	24	31
353D	Nonparticipating	22	22	17	29	28	29	38	34	38	19	23	24	31
354D	Nonparticipating	22	22	17	29	28	28	38	34	38	19	23	24	31
355D	Nonparticipating	22	22	17	29	28	28	38	34	38	19	23	24	31
356D	Nonparticipating	22	22	17	29	28	28	38	34	38	19	23	24	31
358H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
359H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
360H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
361H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
362H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	19	26
363H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	26
367H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	19	26
368H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	19	26
369H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	20	27
370H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	20	27
371H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	20	27
372H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	20	27
373H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	20	27
378D	Nonparticipating	22	22	17	30	28	29	38	34	38	20	24	25	33
379D	Nonparticipating	22	22	17	30	29	30	38	34	38	21	25	26	33
380D	Nonparticipating	22	22	17	31	30	31	38	34	38	22	26	27	34
381D	Nonparticipating	22	22	17	31	30	31	38	34	39	22	26	27	34
383H	Nonparticipating	28	22	20	30	27	27	43	40	43	16	21	22	29
385H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	23	24	31
386H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	30

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
389W	Nonparticipating	24	24	19	34	33	33	36	32	36	23	28	29	36
390D	Nonparticipating	22	22	17	31	30	30	38	34	38	20	25	26	33
391D	Nonparticipating	22	22	17	28	27	27	38	34	38	17	21	22	29
392D	Nonparticipating	22	22	17	28	27	27	38	34	38	17	22	23	29
394D	Nonparticipating	22	22	17	30	29	30	38	34	38	20	24	25	32
395D	Nonparticipating	22	22	17	33	32	33	38	34	39	23	28	29	35
396D	Nonparticipating	22	22	17	33	32	32	38	34	39	22	27	28	35
397D	Nonparticipating	22	22	17	33	32	33	38	34	39	23	28	29	35
400H	Nonparticipating	28	22	20	37	35	36	43	40	43	27	31	32	40
401H	Nonparticipating	28	22	20	37	35	36	43	40	43	28	32	33	40
403H	Nonparticipating	28	22	20	37	35	37	43	40	43	28	32	33	40
405H	Nonparticipating	28	22	20	38	36	37	43	40	43	27	32	33	41
406H	Nonparticipating	28	22	20	38	37	38	43	40	43	28	33	34	41
407H	Nonparticipating	28	22	20	38	36	37	43	40	43	28	32	33	41
408H	Nonparticipating	28	22	20	37	35	37	43	40	43	27	31	32	40
413H	Nonparticipating	28	22	20	37	36	37	43	40	43	27	32	33	40
415H	Nonparticipating	28	22	20	41	40	40	43	40	43	30	35	36	43
419H	Nonparticipating	28	22	20	40	39	40	43	40	43	30	35	36	42
425D	Nonparticipating	22	22	17	42	41	41	38	34	40	35	38	38	44
427D	Nonparticipating	22	22	17	41	40	40	38	34	40	34	36	37	43
429H	Nonparticipating	28	22	20	37	35	36	43	40	43	28	32	33	40
430H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	32	39
433H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	33	39
435D	Nonparticipating	22	22	17	39	39	39	38	34	39	29	34	35	41
436D	Nonparticipating	22	22	17	39	39	39	38	34	39	29	34	35	42
437D	Nonparticipating	22	22	17	40	39	39	38	34	39	29	34	35	42
438D	Nonparticipating	22	22	17	35	34	34	38	34	39	24	29	30	37
439D	Nonparticipating	22	22	17	35	34	34	38	34	39	24	29	30	37
440D	Nonparticipating	22	22	17	35	34	34	38	34	39	24	29	30	37
443W	Nonparticipating	24	24	19	34	33	33	36	32	36	22	28	29	36
444D	Nonparticipating	22	22	17	38	37	37	38	34	39	27	32	33	40
446D	Nonparticipating	22	22	17	39	39	39	38	34	39	29	34	35	42
449W	Nonparticipating	24	24	19	33	32	33	36	32	36	22	27	28	35
450W	Nonparticipating	24	24	19	33	32	32	36	32	36	22	27	28	35



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
451B	Nonparticipating	25	21	17	28	25	24	48	42	48	13	18	19	26
453H	Nonparticipating	28	22	20	30	26	26	43	40	43	14	19	20	27
454H	Nonparticipating	28	22	20	29	25	24	43	40	43	12	17	18	25
455H	Nonparticipating	28	22	20	30	25	26	43	40	43	13	19	20	27
457H	Nonparticipating	28	22	20	30	25	25	43	40	43	13	18	19	26
458D	Nonparticipating	22	22	17	27	26	26	38	34	38	14	20	21	28
459D	Nonparticipating	22	22	17	27	26	26	38	34	38	14	20	21	28
464D	Nonparticipating	22	22	17	31	30	31	38	34	38	22	26	27	34
469D	Nonparticipating	22	22	17	31	30	31	38	34	38	22	26	27	34
472D	Nonparticipating	22	22	17	31	29	30	38	34	38	21	25	26	34
473D	Nonparticipating	22	22	17	30	28	29	38	34	38	20	24	25	32
474H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	28	36
476H	Nonparticipating	28	22	20	33	31	32	43	40	43	23	27	28	36
479H	Nonparticipating	28	22	20	34	32	33	43	40	43	24	28	29	37
480H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	27	28	36
483H	Nonparticipating	28	22	20	34	32	33	43	40	43	24	28	29	37
484W	Nonparticipating	24	24	19	35	34	34	36	32	36	26	30	31	38
485D	Nonparticipating	22	22	17	30	29	30	38	34	38	21	25	26	33
486D	Nonparticipating	22	22	17	32	30	31	38	34	39	23	27	28	35
489D	Nonparticipating	22	22	17	29	28	29	38	34	38	20	24	25	32
491D	Nonparticipating	22	22	17	28	27	27	38	34	38	18	22	23	30
493D	Nonparticipating	22	22	17	29	28	28	38	34	38	18	23	24	31
494D	Nonparticipating	22	22	17	28	27	27	38	34	38	19	23	23	30
495D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	29
496D	Nonparticipating	22	22	17	28	27	27	38	34	38	18	22	23	30
500D	Nonparticipating	22	22	17	28	27	26	38	34	38	17	21	22	29
501D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	28
502D	Nonparticipating	22	22	17	28	26	26	38	34	38	17	21	22	29
503D	Nonparticipating	22	22	17	27	26	26	38	34	38	16	20	21	28
504D	Nonparticipating	22	22	17	28	26	26	38	34	38	17	21	22	29
505D	Nonparticipating	22	22	17	28	27	26	38	34	38	17	21	22	29
507H	Nonparticipating	28	22	20	32	30	30	43	40	43	20	25	26	32
508H	Nonparticipating	28	22	20	31	27	28	43	40	43	17	22	23	30

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
509H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	23	23	30
510H	Nonparticipating	28	22	20	30	26	26	43	40	43	15	19	20	27
513D	Nonparticipating	22	22	17	25	24	23	38	34	38	11	16	17	24
514D	Nonparticipating	22	22	17	25	24	23	38	34	38	11	16	17	24
516D	Nonparticipating	22	22	17	25	24	23	38	34	38	11	16	17	24
517D	Nonparticipating	22	22	17	24	23	22	38	34	38	10	14	15	22
518D	Nonparticipating	22	22	17	24	23	22	38	34	38	10	15	15	22
519D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	21
520D	Nonparticipating	22	22	17	25	24	23	38	34	38	11	16	17	24
521D	Nonparticipating	22	22	17	24	23	22	38	34	38	10	14	15	22
522D	Nonparticipating	22	22	17	24	23	22	38	34	38	10	15	16	22
523D	Nonparticipating	22	22	17	24	23	21	38	34	38	9	14	15	22
525D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
526H	Nonparticipating	28	22	20	29	25	25	43	40	43	12	17	18	25
527H	Nonparticipating	28	22	20	29	25	25	43	40	43	12	17	18	25
528H	Nonparticipating	28	22	20	30	25	25	43	40	43	13	18	19	25
529B	Nonparticipating	25	21	17	27	24	24	48	42	48	13	18	19	26
530B	Nonparticipating	25	21	17	28	24	24	48	42	48	13	18	19	26
541D	Nonparticipating	22	22	17	40	40	40	38	34	40	33	36	37	43
542D	Nonparticipating	22	22	17	40	39	39	38	34	40	33	36	37	44
544D	Nonparticipating	22	22	17	41	40	40	38	34	40	34	37	37	44
547D	Nonparticipating	22	22	17	42	41	41	38	34	40	35	38	38	44
556H	Nonparticipating	28	22	20	42	41	41	43	40	44	35	37	38	43
559H	Nonparticipating	28	22	20	41	40	40	43	40	44	34	36	37	43
561H	Nonparticipating	28	22	20	42	41	42	43	40	44	33	37	38	44
564H	Nonparticipating	28	22	20	42	41	41	43	40	44	34	37	38	44
569W	Nonparticipating	24	24	19	41	39	40	36	32	37	31	35	36	45
570W	Nonparticipating	24	24	19	36	35	34	36	32	36	28	32	32	41
572H	Nonparticipating	28	22	20	39	37	38	43	40	43	31	34	34	41
574D	Nonparticipating	22	22	17	39	39	39	38	34	39	32	35	36	43
576H	Nonparticipating	28	22	20	41	40	41	43	40	44	34	37	38	44
584H	Nonparticipating	28	22	20	42	41	41	43	40	44	34	37	38	43
585H	Nonparticipating	28	22	20	43	42	42	43	40	44	35	38	39	44
586H	Nonparticipating	28	22	20	43	42	42	43	40	44	35	38	39	44



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
587H	Nonparticipating	28	22	20	43	43	43	43	40	44	35	39	39	45
589H	Nonparticipating	28	22	20	43	43	43	43	40	44	35	39	39	45
592H	Nonparticipating	28	22	20	43	42	43	43	40	44	35	39	39	45
593H	Nonparticipating	28	22	20	40	38	40	43	40	44	32	35	36	43
594H	Nonparticipating	28	22	20	40	39	39	43	40	44	32	35	36	42
595H	Nonparticipating	28	22	20	40	39	39	43	40	44	32	35	36	42
596H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	36	42
597H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	36	42
598H	Nonparticipating	28	22	20	40	38	39	43	40	43	32	35	35	42
599H	Nonparticipating	28	22	20	39	38	39	43	40	43	31	35	35	42
600H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	35	42
601H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	35	42
604B	Nonparticipating	25	21	17	39	38	38	48	42	48	31	34	34	41
611D	Nonparticipating	22	22	17	33	31	33	38	34	38	22	27	28	36
612D	Nonparticipating	22	22	17	33	31	33	38	34	38	22	27	28	36
615D	Nonparticipating	22	22	17	35	34	35	38	34	39	24	29	31	38
620D	Nonparticipating	22	22	17	36	35	36	38	34	39	25	31	32	39
621B	Nonparticipating	25	21	17	42	40	41	48	42	48	31	36	37	45
622D	Nonparticipating	22	22	17	39	38	39	38	34	39	28	34	35	42
624H	Nonparticipating	28	22	20	40	39	40	43	40	43	31	35	36	42
625H	Nonparticipating	28	22	20	39	38	38	43	40	43	30	34	35	41
629H	Nonparticipating	28	22	20	39	38	38	43	40	43	31	34	35	40
648H	Nonparticipating	28	22	20	40	40	40	43	40	44	33	36	36	41
650H	Nonparticipating	28	22	20	39	39	39	43	40	43	32	35	35	40
651D	Nonparticipating	22	22	17	40	39	39	38	34	39	32	35	36	42
654D	Nonparticipating	22	22	17	40	40	40	38	34	39	32	35	36	42
655D	Nonparticipating	22	22	17	41	41	41	38	34	40	33	37	37	43
656D	Nonparticipating	22	22	17	40	39	40	38	34	39	32	35	36	42
659D	Nonparticipating	22	22	17	43	43	43	38	34	40	35	38	39	45
660B	Nonparticipating	25	21	17	41	41	41	48	42	48	34	37	37	43
664B	Nonparticipating	25	21	17	44	43	43	48	42	48	35	39	40	45
666D	Nonparticipating	22	22	17	40	39	39	38	34	39	33	35	36	42
667D	Nonparticipating	22	22	17	40	39	39	38	34	39	33	36	36	42

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
675D	Nonparticipating	22	22	17	40	39	39	38	34	39	33	35	36	41
677D	Nonparticipating	22	22	17	39	38	38	38	34	39	31	34	35	42
679D	Nonparticipating	22	22	17	41	39	40	38	34	39	32	36	36	43
684D	Nonparticipating	22	22	17	41	40	41	38	34	39	32	36	37	43
687B	Nonparticipating	25	21	17	37	36	36	48	42	48	30	33	34	41
690D	Nonparticipating	22	22	17	41	41	41	38	34	40	35	37	38	44
691D	Nonparticipating	22	22	17	42	42	42	38	34	40	35	38	39	44
694D	Nonparticipating	22	22	17	42	41	41	38	34	40	35	38	38	44
696D	Nonparticipating	22	22	17	37	36	36	38	34	39	30	33	34	41
697D	Nonparticipating	22	22	17	38	37	37	38	34	39	31	34	35	42
699H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	39
706HH	Nonparticipating	25	27	22	37	36	36	40	38	40	27	31	32	39
707H	Nonparticipating	28	22	20	37	36	36	43	40	43	27	31	32	39
710H	Nonparticipating	28	22	20	36	35	34	43	40	43	26	30	31	37
713HH	Nonparticipating	25	27	22	37	37	36	40	38	40	27	32	33	39
714B	Nonparticipating	25	21	17	38	37	37	48	42	48	28	33	34	40
719HH	Nonparticipating	25	27	22	37	36	36	40	38	40	25	31	32	39
722HH	Nonparticipating	25	27	22	38	38	38	40	38	40	27	33	34	41
723H	Nonparticipating	28	22	20	30	27	27	43	40	43	15	21	22	29
727H	Nonparticipating	28	22	20	30	26	26	43	40	43	15	20	21	28
728H	Nonparticipating	28	22	20	31	27	28	43	40	43	16	22	23	30
732H	Nonparticipating	28	22	20	29	25	25	43	40	43	13	18	19	25
734H	Nonparticipating	28	22	20	31	28	29	43	40	43	18	23	24	31
736H	Nonparticipating	28	22	20	34	31	32	43	40	43	21	27	28	35
737H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	27	35
738H	Nonparticipating	28	22	20	32	30	30	43	40	43	21	25	26	35
742H	Nonparticipating	28	22	20	33	31	31	43	40	43	22	26	27	35
743H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	23	24	32
744H	Nonparticipating	28	22	20	33	31	31	43	40	43	21	26	27	35
748H	Nonparticipating	28	22	20	33	31	31	43	40	43	21	26	27	34
750H	Nonparticipating	28	22	20	33	31	31	43	40	43	21	26	27	34
751H	Nonparticipating	28	22	20	32	30	30	43	40	43	20	25	26	33
753HH	Nonparticipating	25	27	22	33	32	32	40	38	40	22	27	28	36
756HH	Nonparticipating	25	27	22	32	32	31	40	38	40	21	26	27	36



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>90h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
757HH	Nonparticipating	25	27	22	36	35	36	40	38	40	24	30	31	39
764D	Nonparticipating	22	22	17	41	40	40	38	34	39	32	36	37	43
766D	Nonparticipating	22	22	17	42	42	41	38	34	39	33	37	38	44
767D	Nonparticipating	22	22	17	42	41	41	38	34	39	32	37	38	44
768HH	Nonparticipating	25	27	22	41	41	41	40	38	40	33	37	38	43
769HH	Nonparticipating	25	27	22	40	40	40	40	38	40	32	36	36	42
770HH	Nonparticipating	25	27	22	41	40	40	40	38	40	32	36	37	43
771D	Nonparticipating	22	22	17	44	43	43	38	34	40	36	39	40	46
772D	Nonparticipating	22	22	17	45	45	45	38	34	41	38	41	42	47
773D	Nonparticipating	22	22	17	44	44	43	38	34	41	38	40	41	46
774D	Nonparticipating	22	22	17	44	44	44	38	34	42	40	41	41	46
776D	Nonparticipating	22	22	17	42	42	42	38	34	41	38	39	39	44
777D	Nonparticipating	22	22	17	43	43	43	38	34	42	40	40	40	45
780D	Nonparticipating	22	22	17	40	38	39	38	34	40	33	35	36	42
783D	Nonparticipating	22	22	17	40	39	39	38	34	40	34	35	36	42
784D	Nonparticipating	22	22	17	41	41	41	38	34	41	37	38	38	44
786D	Nonparticipating	22	22	17	40	39	40	38	34	40	35	36	37	42
789D	Nonparticipating	22	22	17	38	37	38	38	34	40	33	34	35	40
795B	Nonparticipating	25	21	17	38	38	38	48	42	48	34	34	35	40
801D	Nonparticipating	22	22	17	40	39	39	38	34	39	32	35	36	42
802D	Nonparticipating	22	22	17	39	38	38	38	34	39	31	35	35	41
806H	Nonparticipating	28	22	20	38	37	37	43	40	43	30	33	34	39
807H	Nonparticipating	28	22	20	38	37	37	43	40	43	30	33	34	39
810H	Nonparticipating	28	22	20	36	35	35	43	40	43	29	32	32	39
811H	Nonparticipating	28	22	20	43	43	43	43	40	44	36	39	39	45
813D	Nonparticipating	22	22	17	32	31	31	38	34	38	20	26	27	34
816D	Nonparticipating	22	22	17	31	30	30	38	34	38	19	25	26	33
818W	Nonparticipating	24	24	19	30	30	30	36	32	36	18	24	25	32
819D	Nonparticipating	22	22	17	31	30	30	38	34	38	19	24	25	33
822D	Nonparticipating	22	22	17	29	28	29	38	34	38	17	23	24	31
824D	Nonparticipating	22	22	17	30	28	29	38	34	38	18	23	24	31
825D	Nonparticipating	22	22	17	29	27	28	38	34	38	16	22	23	30
827D	Nonparticipating	22	22	17	30	29	30	38	34	38	19	24	25	33

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
832W	Nonparticipating	24	24	19	32	31	31	36	32	36	20	26	27	34
833D	Nonparticipating	22	22	17	38	38	38	38	34	39	30	34	35	42
835D	Nonparticipating	22	22	17	38	37	37	38	34	39	28	33	34	41
836D	Nonparticipating	22	22	17	39	38	39	38	34	39	31	35	36	42
837D	Nonparticipating	22	22	17	40	39	39	38	34	39	33	36	37	44
838HH	Nonparticipating	25	27	22	33	32	32	40	38	40	23	27	28	36
839HH	Nonparticipating	25	27	22	33	33	32	40	38	40	23	28	29	36
840HH	Nonparticipating	25	27	22	33	32	32	40	38	40	23	27	28	36
842HH	Nonparticipating	25	27	22	34	34	33	40	38	40	25	29	30	38
843HH	Nonparticipating	25	27	22	34	34	33	40	38	40	25	29	30	38
846HH	Nonparticipating	25	27	22	36	36	35	40	38	40	29	32	32	40
848HH	Nonparticipating	25	27	22	39	38	38	40	38	40	32	35	35	43
849HH	Nonparticipating	25	27	22	38	37	37	40	38	40	31	34	34	42
851HH	Nonparticipating	25	27	22	42	41	41	40	38	41	34	37	38	44
856HH	Nonparticipating	25	27	22	42	41	42	40	38	40	33	37	38	44
861L	Nonparticipating	29	25	21	33	31	31	49	45	49	22	26	27	34
862L	Nonparticipating	29	25	21	33	31	30	49	45	49	21	25	26	33
863L	Nonparticipating	29	25	21	32	30	30	49	45	49	20	24	25	33
864L	Nonparticipating	29	25	21	32	29	29	49	45	49	19	23	24	31
865L	Nonparticipating	29	25	21	32	29	29	49	45	49	19	23	24	31
866L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	35
867L	Nonparticipating	29	25	21	34	32	32	49	45	49	22	27	28	35
868L	Nonparticipating	29	25	21	34	32	32	49	45	49	22	27	28	35
869L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
870L	Nonparticipating	29	25	21	33	31	31	49	45	49	22	26	27	35
871L	Nonparticipating	29	25	21	32	29	29	49	45	49	19	23	24	31
872L	Nonparticipating	29	25	21	34	32	33	49	45	49	22	27	28	35
873L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
874L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
875L	Nonparticipating	29	25	21	36	34	34	49	45	49	24	29	30	38
876L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	37
877L	Nonparticipating	29	25	21	35	33	33	49	45	49	23	28	29	36
878L	Nonparticipating	29	25	21	35	33	33	49	45	49	23	28	29	36
879L	Nonparticipating	29	25	21	33	31	32	49	45	49	21	26	27	35





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
880L	Nonparticipating	29	25	21	35	33	33	49	45	49	23	28	29	36
881L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	37
882L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	37
883L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
884L	Nonparticipating	29	25	21	35	33	33	49	45	49	23	28	29	36
885D	Nonparticipating	22	22	17	39	38	39	38	34	39	29	34	35	41
886D	Nonparticipating	22	22	17	40	39	39	38	34	39	29	34	35	42
887D	Nonparticipating	22	22	17	39	39	39	38	34	39	29	34	35	42
892B	Nonparticipating	25	21	17	39	39	39	48	42	48	31	35	35	41
893B	Nonparticipating	25	21	17	40	39	39	48	42	48	32	35	36	41
894B	Nonparticipating	25	21	17	39	39	39	48	42	48	32	35	36	41
902HH	Nonparticipating	25	27	22	37	36	36	40	38	40	30	32	33	38
909W	Nonparticipating	24	24	19	40	40	40	36	32	37	32	36	36	41
912D	Nonparticipating	22	22	17	42	40	42	38	34	39	31	37	38	45
915L	Nonparticipating	29	25	21	37	35	36	49	45	49	26	31	32	40
917L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	38
918L	Nonparticipating	29	25	21	37	34	36	49	45	49	25	30	31	39
919L	Nonparticipating	29	25	21	37	34	36	49	45	49	25	30	31	39
920L	Nonparticipating	29	25	21	36	34	35	49	45	49	24	29	30	38
921L	Nonparticipating	29	25	21	33	31	31	49	45	49	22	26	27	35
922L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
923L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
924L	Nonparticipating	29	25	21	36	34	35	49	45	49	24	30	31	38
925L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	38
926L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	39
927L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	39
928L	Nonparticipating	29	25	21	38	36	37	49	45	49	26	32	33	40
936L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	40
937L	Nonparticipating	29	25	21	34	31	32	49	45	49	23	27	28	36
938L	Nonparticipating	29	25	21	36	34	35	49	45	49	25	30	31	39
939L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	38
943L	Nonparticipating	29	25	21	34	31	32	49	45	49	23	27	28	36
944L	Nonparticipating	29	25	21	34	31	32	49	45	49	23	27	28	36

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
945L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	27	28	36
946L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	27	28	36
947L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	27	28	36
948L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	28	29	36
949L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	28	29	37
950L	Nonparticipating	29	25	21	34	32	33	49	45	49	22	27	28	36
951L	Nonparticipating	29	25	21	36	33	35	49	45	49	24	29	30	38
952L	Nonparticipating	29	25	21	36	33	34	49	45	49	24	29	30	38
953L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	38
954L	Nonparticipating	29	25	21	35	33	34	49	45	49	24	29	30	37
955L	Nonparticipating	29	25	21	34	31	33	49	45	49	22	27	28	36
956L	Nonparticipating	29	25	21	34	32	32	49	45	49	23	27	28	36
957L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	27	28	36
958L	Nonparticipating	29	25	21	34	32	33	49	45	49	23	27	28	36
959L	Nonparticipating	29	25	21	34	32	33	49	45	49	22	27	28	36
960L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	36
961L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
962L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
963L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
964L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
965L	Nonparticipating	29	25	21	34	31	32	49	45	49	22	27	28	35
966W	Nonparticipating	24	24	19	40	40	40	36	32	38	33	36	37	42
967W	Nonparticipating	24	24	19	42	41	41	36	32	38	35	37	38	44
968W	Nonparticipating	24	24	19	42	41	41	36	32	38	35	38	38	44
977HH	Nonparticipating	25	27	22	40	39	39	40	38	40	33	35	36	42
981HH	Nonparticipating	25	27	22	39	39	39	40	38	40	32	35	36	41
984D	Nonparticipating	22	22	17	41	40	40	38	34	40	34	37	37	42
986D	Nonparticipating	22	22	17	39	39	39	38	34	39	32	35	36	41
989D	Nonparticipating	22	22	17	40	40	40	38	34	40	34	36	37	43
990D	Nonparticipating	22	22	17	39	38	38	38	34	39	32	35	35	41
991HH	Nonparticipating	25	27	22	41	40	40	40	38	40	33	36	37	43
998D	Nonparticipating	22	22	17	31	29	30	38	34	38	21	25	26	34
999D	Nonparticipating	22	22	17	31	30	31	38	34	38	22	26	27	34
1003L	Nonparticipating	29	25	21	34	32	33	49	45	49	22	27	28	36



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
1004L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	26	27	34
1005H	Nonparticipating	28	22	20	32	28	30	43	40	43	19	24	25	33
1006H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	24	25	33
1007H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	25	26	33
1008L	Nonparticipating	29	25	21	34	31	32	49	45	49	21	26	27	35
1009L	Nonparticipating	29	25	21	34	31	32	49	45	49	21	26	27	35
1010L	Nonparticipating	29	25	21	33	31	32	49	45	49	21	26	27	35
1011L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	26	27	34
1012L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	25	26	34
1013L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	25	26	34
1014L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	26	27	34
1015L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	26	27	34
1016L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	26	27	34
1017L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	26	27	34
1018L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	25	26	33
1019L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	25	26	34
1020L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	25	26	34
1021L	Nonparticipating	29	25	21	33	30	30	49	45	49	20	25	26	33
1022H	Nonparticipating	28	22	20	32	28	30	43	40	43	19	24	25	33
1023H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	25	25	33
1024L	Nonparticipating	29	25	21	33	30	31	49	45	49	20	25	26	34
1025L	Nonparticipating	29	25	21	33	30	31	49	45	49	21	26	26	34
1026L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
1027L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
1028L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
1029L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
1030L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
1031L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
1032L	Nonparticipating	29	25	21	34	32	32	49	45	49	22	27	28	35
2209H	Nonparticipating	28	22	20	39	37	38	43	40	43	30	34	34	41
2210H	Nonparticipating	28	22	20	39	37	38	43	40	43	30	34	34	41
2213W	Nonparticipating	24	24	19	33	33	31	36	32	36	24	28	28	35
2217W	Nonparticipating	24	24	19	37	36	36	36	32	37	29	32	33	40

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Nighttime/Year	Daytime/Year	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2219D	Nonparticipating	22	22	17	37	37	34	38	34	39	27	31	32	40
2220D	Nonparticipating	22	22	17	37	37	35	38	34	39	28	32	33	40
2223D	Nonparticipating	22	22	17	35	35	33	38	34	39	25	29	30	37
2225D	Nonparticipating	22	22	17	36	36	33	38	34	39	26	30	31	38
2226D	Nonparticipating	22	22	17	36	36	33	38	34	39	26	30	31	39
2227W	Nonparticipating	24	24	19	32	33	30	36	32	36	23	27	27	34
2229D	Nonparticipating	22	22	17	33	33	31	38	34	39	23	27	27	34
2230D	Nonparticipating	22	22	17	31	31	29	38	34	38	21	25	26	33
2231D	Nonparticipating	22	22	17	33	33	31	38	34	39	23	28	28	35
2235H	Nonparticipating	28	22	20	34	33	31	43	40	43	23	28	28	35
2236H	Nonparticipating	28	22	20	34	34	32	43	40	43	23	28	28	35
2240B	Nonparticipating	25	21	17	31	30	29	48	42	48	21	25	26	32
2241B	Nonparticipating	25	21	17	34	33	31	48	42	48	23	28	28	35
2242B	Nonparticipating	25	21	17	33	33	31	48	42	48	23	27	28	34
2247H	Nonparticipating	28	22	20	35	34	33	43	40	43	25	29	29	36
2250W	Nonparticipating	24	24	19	44	44	42	36	32	38	34	38	39	45
2251W	Nonparticipating	24	24	19	42	43	41	36	32	38	33	37	38	44
2261W	Nonparticipating	24	24	19	37	37	36	36	32	37	28	32	32	38
2263B	Nonparticipating	25	21	17	29	28	27	48	42	48	19	23	23	29
2264D	Nonparticipating	22	22	17	36	36	34	38	34	39	27	31	32	39
2267B	Nonparticipating	25	21	17	27	24	23	48	42	48	14	18	18	24
2270D	Nonparticipating	22	22	17	25	24	23	38	34	38	15	18	18	24
2271D	Nonparticipating	22	22	17	25	24	23	38	34	38	15	18	18	25
2355D	Nonparticipating	22	22	17	30	29	29	38	34	38	21	25	25	31
2356D	Nonparticipating	22	22	17	30	29	29	38	34	38	22	25	26	32
2361B	Nonparticipating	25	21	17	32	31	31	48	42	48	22	27	27	33
2362B	Nonparticipating	25	21	17	30	28	27	48	42	48	18	23	23	30
2364H	Nonparticipating	28	22	20	34	33	32	43	40	43	23	29	29	35
2365H	Nonparticipating	28	22	20	31	29	29	43	40	43	20	24	24	31
2366H	Nonparticipating	28	22	20	32	30	29	43	40	43	20	25	25	31
2369D	Nonparticipating	22	22	17	30	30	29	38	34	38	20	25	25	32
2376B	Nonparticipating	25	21	17	29	26	25	48	42	48	17	21	21	28
2377B	Nonparticipating	25	21	17	29	27	25	48	42	48	17	21	21	28
2384H	Nonparticipating	28	22	20	33	31	30	43	40	43	22	26	26	33



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>90h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2385H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	26	27	33
2387H	Nonparticipating	28	22	20	33	30	30	43	40	43	23	26	26	33
2388H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	25	26	32
2389H	Nonparticipating	28	22	20	32	30	29	43	40	43	21	25	25	32
2390H	Nonparticipating	28	22	20	32	30	30	43	40	43	21	25	26	32
2391H	Nonparticipating	28	22	20	32	29	29	43	40	43	21	25	25	32
2392H	Nonparticipating	28	22	20	32	29	29	43	40	43	21	25	25	32
2396H	Nonparticipating	28	22	20	33	32	31	43	40	43	24	27	28	34
2398H	Nonparticipating	28	22	20	32	30	30	43	40	43	22	25	26	32
2399H	Nonparticipating	28	22	20	31	28	28	43	40	43	20	23	24	30
2400H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	35
2402H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	36
2403H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	36
2404H	Nonparticipating	28	22	20	35	33	33	43	40	43	25	29	29	36
2405H	Nonparticipating	28	22	20	35	33	33	43	40	43	25	29	29	36
2406H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	36
2407H	Nonparticipating	28	22	20	35	33	33	43	40	43	25	29	29	36
2409H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	36
2410H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	35
2412H	Nonparticipating	28	22	20	38	37	37	43	40	43	30	33	34	41
2413H	Nonparticipating	28	22	20	39	37	38	43	40	43	30	34	34	41
2414H	Nonparticipating	28	22	20	39	37	38	43	40	43	30	34	34	41
2415H	Nonparticipating	28	22	20	39	37	38	43	40	43	30	34	34	41
2421H	Nonparticipating	28	22	20	38	37	38	43	40	43	30	34	34	41
2424H	Nonparticipating	28	22	20	40	39	39	43	40	44	32	35	36	42
2425H	Nonparticipating	28	22	20	40	39	39	43	40	44	32	35	36	42
2426H	Nonparticipating	28	22	20	40	39	39	43	40	44	32	35	36	42
2431H	Nonparticipating	28	22	20	40	38	39	43	40	43	32	35	35	42
2432H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	37
2433H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	29	30	37
2442H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	30	37
2444H	Nonparticipating	28	22	20	35	33	34	43	40	43	26	30	30	37
2446H	Nonparticipating	28	22	20	35	33	33	43	40	43	26	29	29	37

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Nighttime/Year	Daytime/Year	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2447B	Nonparticipating	25	21	17	42	41	41	48	42	48	35	38	38	43
2450H	Nonparticipating	28	22	20	38	36	37	43	40	43	30	33	33	40
2451H	Nonparticipating	28	22	20	37	36	36	43	40	43	29	32	33	40
2455R	Nonparticipating	24	24	19	39	38	38	36	32	37	31	34	35	41
2456H	Nonparticipating	28	22	20	40	39	40	43	40	44	32	36	36	43
2458B	Nonparticipating	25	21	17	37	36	36	48	42	48	29	32	33	39
2459B	Nonparticipating	25	21	17	36	35	36	48	42	48	29	32	32	39
2464H	Nonparticipating	28	22	20	36	34	35	43	40	43	28	31	31	38
2466D	Nonparticipating	22	22	17	29	28	28	38	34	38	20	24	24	30
2470D	Nonparticipating	22	22	17	29	28	28	38	34	38	19	23	24	30
2476W	Nonparticipating	24	24	19	31	30	30	36	32	36	22	25	26	32
2478D	Nonparticipating	22	22	17	28	28	27	38	34	38	18	22	23	29
2488W	Nonparticipating	24	24	19	30	29	29	36	32	36	19	24	24	31
2493B	Nonparticipating	25	21	17	28	25	25	48	42	48	16	20	20	26
2495B	Nonparticipating	25	21	17	28	25	25	48	42	48	17	20	21	27
2570D	Nonparticipating	22	22	17	25	24	23	38	34	38	13	17	17	24
2573D	Nonparticipating	22	22	17	26	25	24	38	34	38	15	19	20	26
2586D	Nonparticipating	22	22	17	27	25	25	38	34	38	16	20	20	27
2590W	Nonparticipating	24	24	19	28	27	26	36	32	36	17	21	21	28
2592H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
2593R	Nonparticipating	24	24	19	35	35	35	36	32	36	27	31	31	38
2601R	Nonparticipating	24	24	19	35	34	34	36	32	36	27	30	30	37
2602H	Nonparticipating	28	22	20	38	36	37	43	40	43	29	32	33	39
2603W	Nonparticipating	24	24	19	32	31	31	36	32	36	23	27	27	34
2605B	Nonparticipating	25	21	17	38	37	37	48	42	48	29	33	33	39
2606B	Nonparticipating	25	21	17	38	37	37	48	42	48	29	33	33	39
2609D	Nonparticipating	22	22	17	39	38	39	38	34	39	32	35	35	42
2610D	Nonparticipating	22	22	17	41	40	40	38	34	40	33	36	37	43
2612D	Nonparticipating	22	22	17	39	38	39	38	34	39	32	35	35	42
2613D	Nonparticipating	22	22	17	40	39	39	38	34	39	32	36	36	42
2620H	Nonparticipating	28	22	20	43	42	42	43	40	44	35	38	39	45
2624H	Nonparticipating	28	22	20	43	42	42	43	40	44	34	38	39	44
2627H	Nonparticipating	28	22	20	43	42	42	43	40	44	35	38	39	45
2629H	Nonparticipating	28	22	20	43	42	42	43	40	44	35	38	39	45



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>90h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2630H	Nonparticipating	28	22	20	40	38	39	43	40	43	30	34	35	42
2631H	Nonparticipating	28	22	20	39	38	39	43	40	43	29	34	35	42
2634B	Nonparticipating	25	21	17	37	35	37	48	42	48	27	32	33	40
2640H	Nonparticipating	28	22	20	36	34	35	43	40	43	25	30	31	38
2641H	Nonparticipating	28	22	20	36	34	35	43	40	43	25	30	31	39
2645H	Nonparticipating	28	22	20	37	35	36	43	40	43	27	31	32	40
2646H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	32
2647H	Nonparticipating	28	22	20	31	28	28	43	40	43	19	23	24	32
2653H	Nonparticipating	28	22	20	38	38	38	43	40	43	30	33	34	40
2655H	Nonparticipating	28	22	20	42	41	41	43	40	44	33	37	37	43
2658HH	Nonparticipating	25	27	22	33	32	32	40	38	40	24	27	28	35
2660W	Nonparticipating	24	24	19	29	28	27	36	32	36	19	23	23	30
2661HH	Nonparticipating	25	27	22	30	30	29	40	38	40	19	23	24	31
2662W	Nonparticipating	24	24	19	27	26	25	36	32	36	16	20	20	27
2666D	Nonparticipating	22	22	17	29	28	28	38	34	38	20	23	24	30
2667D	Nonparticipating	22	22	17	27	26	25	38	34	38	17	21	21	28
2670B	Nonparticipating	25	21	17	27	23	22	48	42	48	13	17	17	24
2671B	Nonparticipating	25	21	17	26	23	22	48	42	48	12	16	16	23
2681B	Nonparticipating	25	21	17	27	23	22	48	42	48	13	17	17	24
2682H	Nonparticipating	28	22	20	29	25	24	43	40	43	13	18	18	25
2685H	Nonparticipating	28	22	20	29	25	25	43	40	43	15	18	19	26
2686H	Nonparticipating	28	22	20	30	25	25	43	40	43	16	19	20	26
2687HH	Nonparticipating	25	27	22	28	29	27	40	38	40	18	21	21	28
2693R	Nonparticipating	24	24	19	31	30	29	36	32	36	21	25	25	32
2695R	Nonparticipating	24	24	19	31	30	29	36	32	36	20	25	25	32
2696R	Nonparticipating	24	24	19	30	29	29	36	32	36	20	24	25	32
2698H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	22	22	29
2701H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	20	27
2703H	Nonparticipating	28	22	20	30	27	27	43	40	43	17	21	22	29
2704H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	21	22	29
2707H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	28	35
2790D	Nonparticipating	22	22	17	38	36	37	38	34	39	30	33	34	41
2791R	Nonparticipating	24	24	19	40	39	39	36	32	37	31	35	36	42

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2792R	Nonparticipating	24	24	19	37	36	37	36	32	37	29	32	33	39
2793R	Nonparticipating	24	24	19	42	41	42	36	32	39	35	38	39	44
2801HH	Nonparticipating	25	27	22	41	41	41	40	38	41	35	37	38	44
2802R	Nonparticipating	24	24	19	40	40	40	36	32	38	34	36	37	43
2807R	Nonparticipating	24	24	19	39	38	38	36	32	37	30	34	34	41
2808R	Nonparticipating	24	24	19	34	33	34	36	32	36	25	29	30	37
2814R	Nonparticipating	24	24	19	34	33	34	36	32	36	24	29	29	36
2816H	Nonparticipating	28	22	20	36	34	35	43	40	43	26	31	31	38
2817H	Nonparticipating	28	22	20	36	34	35	43	40	43	26	30	31	38
2818H	Nonparticipating	28	22	20	36	34	34	43	40	43	25	30	30	38
2843H	Nonparticipating	28	22	20	33	31	31	43	40	43	22	26	27	34
2844H	Nonparticipating	28	22	20	31	27	28	43	40	43	18	23	23	31
2852H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	23	23	31
2853H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	24	24	31
2854H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	21	21	29
2855H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
2858H	Nonparticipating	28	22	20	31	27	27	43	40	43	18	22	22	30
2861H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	22	22	30
2863H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	20	28
2867H	Nonparticipating	28	22	20	31	26	27	43	40	43	17	21	22	30
2869H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	22	22	30
2871H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	23	23	31
2874H	Nonparticipating	28	22	20	32	29	29	43	40	43	20	24	25	32
2876H	Nonparticipating	28	22	20	32	28	29	43	40	43	20	24	24	32
2877H	Nonparticipating	28	22	20	32	29	29	43	40	43	20	24	24	32
2880H	Nonparticipating	28	22	20	29	25	24	43	40	43	14	18	18	25
2881HH	Nonparticipating	25	27	22	26	27	23	40	38	40	10	14	14	21
2882HH	Nonparticipating	25	27	22	26	27	23	40	38	40	10	14	14	21
2883HH	Nonparticipating	25	27	22	26	28	24	40	38	40	12	16	16	23
2885HH	Nonparticipating	25	27	22	26	27	23	40	38	40	9	13	14	20
2886HH	Nonparticipating	25	27	22	26	27	23	40	38	40	9	13	13	20
2889H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	20
2897H	Nonparticipating	28	22	20	29	23	23	43	40	43	10	14	14	21
2898H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	21





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
2899H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	21
2900H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	21
2901H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	21
2903H	Nonparticipating	28	22	20	29	23	23	43	40	43	10	14	14	21
2904H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	21
2905H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	21
2910H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	20
2911H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	21
2918R	Nonparticipating	24	24	19	30	28	28	36	32	36	19	23	24	31
2920R	Nonparticipating	24	24	19	29	27	28	36	32	36	18	23	23	31
2923H	Nonparticipating	28	22	20	32	28	29	43	40	43	19	24	24	31
2924H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	31
2925H	Nonparticipating	28	22	20	31	28	28	43	40	43	18	23	23	31
2926H	Nonparticipating	28	22	20	31	28	28	43	40	43	19	23	24	31
2927H	Nonparticipating	28	22	20	32	29	29	43	40	43	19	24	24	32
2928H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	31
2929H	Nonparticipating	28	22	20	32	28	29	43	40	43	19	24	24	32
2930H	Nonparticipating	28	22	20	32	28	29	43	40	43	19	24	24	32
2931H	Nonparticipating	28	22	20	32	28	29	43	40	43	19	24	24	32
2932H	Nonparticipating	28	22	20	32	28	29	43	40	43	19	24	24	31
2933H	Nonparticipating	28	22	20	32	29	29	43	40	43	19	24	24	32
2934R	Nonparticipating	24	24	19	31	29	30	36	32	36	20	25	25	33
2936H	Nonparticipating	28	22	20	33	29	30	43	40	43	21	25	26	34
2937H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	26	34
2938H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	26	34
2939H	Nonparticipating	28	22	20	33	29	31	43	40	43	21	26	26	34
2940H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	25	25	33
2941H	Nonparticipating	28	22	20	32	29	30	43	40	43	20	25	25	33
2942H	Nonparticipating	28	22	20	32	30	30	43	40	43	20	25	26	33
3032R	Nonparticipating	24	24	19	29	28	28	36	32	36	19	23	23	31
3033R	Nonparticipating	24	24	19	30	28	28	36	32	36	19	23	24	31
3035H	Nonparticipating	28	22	20	34	31	33	43	40	43	23	28	28	36
3036H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	27	35

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3039H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	27	35
3040H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	27	35
3041H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	28	28	36
3042H	Nonparticipating	28	22	20	34	31	32	43	40	43	23	27	28	36
3047H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	27	27	34
3048H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	27	34
3049R	Nonparticipating	24	24	19	31	29	30	36	32	36	21	25	25	33
3053R	Nonparticipating	24	24	19	30	29	29	36	32	36	21	25	25	32
3054H	Nonparticipating	28	22	20	31	28	28	43	40	43	20	23	24	32
3055H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	34
3056H	Nonparticipating	28	22	20	33	30	30	43	40	43	21	25	26	34
3057H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	35
3059H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	34
3060H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	34
3061H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	27	27	35
3062H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	34
3063H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	27	28	34
3066H	Nonparticipating	28	22	20	33	30	31	43	40	43	22	26	26	34
3070H	Nonparticipating	28	22	20	31	28	26	43	40	43	20	24	24	34
3071H	Nonparticipating	28	22	20	31	29	28	43	40	43	21	24	25	34
3082B	Nonparticipating	25	21	17	30	27	28	48	42	48	20	23	24	32
3083B	Nonparticipating	25	21	17	30	27	28	48	42	48	20	23	24	32
3088R	Nonparticipating	24	24	19	28	26	26	36	32	36	16	20	21	29
3089R	Nonparticipating	24	24	19	29	27	27	36	32	36	18	22	22	30
3090R	Nonparticipating	24	24	19	29	27	27	36	32	36	18	22	22	30
3091R	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	30
3097R	Nonparticipating	24	24	19	28	26	26	36	32	36	16	21	21	29
3102R	Nonparticipating	24	24	19	27	26	26	36	32	36	16	20	20	28
3176H	Nonparticipating	28	22	20	30	24	25	43	40	43	14	18	18	26
3177H	Nonparticipating	28	22	20	30	25	26	43	40	43	17	21	21	29
3178H	Nonparticipating	28	22	20	30	25	27	43	40	43	17	21	21	29
3179H	Nonparticipating	28	22	20	29	24	24	43	40	43	12	16	17	25
3182H	Nonparticipating	28	22	20	29	24	23	43	40	43	12	16	16	24
3184HH	Nonparticipating	25	27	22	26	27	24	40	38	40	11	15	15	22



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3185HH	Nonparticipating	25	27	22	26	27	24	40	38	40	11	15	15	22
3186D	Nonparticipating	22	22	17	24	22	20	38	34	38	9	13	13	20
3187D	Nonparticipating	22	22	17	24	22	20	38	34	38	9	13	13	21
3189HH	Nonparticipating	25	27	22	25	27	23	40	38	40	9	12	13	20
3190R	Nonparticipating	24	24	19	24	24	21	36	32	36	8	11	12	19
3191R	Nonparticipating	24	24	19	24	24	21	36	32	36	8	11	12	19
3206H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	12	13	20
3207H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3208H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3212H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3213H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3214H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3215H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3216H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3217H	Nonparticipating	28	22	20	29	23	22	43	40	43	8	12	12	19
3222R	Nonparticipating	24	24	19	24	24	21	36	32	36	9	12	12	20
3235R	Nonparticipating	24	24	19	24	24	20	36	32	36	7	10	11	18
3236R	Nonparticipating	24	24	19	24	24	20	36	32	36	7	10	11	18
3237R	Nonparticipating	24	24	19	24	24	20	36	32	36	7	10	11	18
3238R	Nonparticipating	24	24	19	24	24	20	36	32	36	7	10	11	18
3249R	Nonparticipating	24	24	19	24	24	20	36	32	36	7	10	10	18
3250R	Nonparticipating	24	24	19	24	24	20	36	32	36	7	10	11	18
3261D	Nonparticipating	22	22	17	23	22	20	38	34	38	9	12	12	20
3263B	Nonparticipating	25	21	17	26	21	19	48	42	48	8	11	12	19
3274B	Nonparticipating	25	21	17	26	21	19	48	42	48	8	11	11	19
3275H	Nonparticipating	28	22	20	30	25	26	43	40	43	17	20	21	28
3278H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	21	29
3279H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	21	29
3281H	Nonparticipating	28	22	20	31	26	27	43	40	43	17	21	21	30
3289D	Nonparticipating	22	22	17	28	25	26	38	34	38	17	21	21	29
3293D	Nonparticipating	22	22	17	27	25	26	38	34	38	17	21	21	29
3299H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	21	29
3300B	Nonparticipating	25	21	17	29	25	26	48	42	48	18	21	21	29

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Nighttime/Year	Daytime/Year	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3301B	Nonparticipating	25	21	17	29	25	26	48	42	48	18	21	21	29
3311B	Nonparticipating	25	21	17	28	25	26	48	42	48	18	21	21	29
3313H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	21	21	28
3318H	Nonparticipating	28	22	20	30	26	26	43	40	43	18	21	21	29
3319H	Nonparticipating	28	22	20	29	24	24	43	40	43	14	17	18	26
3322H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	20	21	29
3327H	Nonparticipating	28	22	20	30	26	26	43	40	43	17	21	21	29
3329D	Nonparticipating	22	22	17	26	24	23	38	34	38	14	18	18	26
3330D	Nonparticipating	22	22	17	26	24	23	38	34	38	14	18	18	26
3333B	Nonparticipating	25	21	17	26	21	19	48	42	48	7	11	11	19
3334B	Nonparticipating	25	21	17	26	21	19	48	42	48	7	11	11	19
3335D	Nonparticipating	22	22	17	23	22	19	38	34	38	7	11	11	19
3336D	Nonparticipating	22	22	17	23	22	19	38	34	38	7	11	11	19
3337D	Nonparticipating	22	22	17	23	22	19	38	34	38	7	10	11	19
3338H	Nonparticipating	28	22	20	29	22	21	43	40	43	6	9	9	17
3339H	Nonparticipating	28	22	20	29	22	21	43	40	43	6	9	9	17
3342H	Nonparticipating	28	22	20	29	22	21	43	40	43	5	8	9	16
3343H	Nonparticipating	28	22	20	29	22	21	43	40	43	6	9	9	16
3344H	Nonparticipating	28	22	20	29	22	21	43	40	43	6	8	9	16
3349H	Nonparticipating	28	22	20	29	22	21	43	40	43	5	8	8	16
3360H	Nonparticipating	28	22	20	29	22	21	43	40	43	5	9	9	17
3369B	Nonparticipating	25	21	17	26	21	19	48	42	48	6	9	9	18
3370B	Nonparticipating	25	21	17	26	21	19	48	42	48	6	9	9	17
3371B	Nonparticipating	25	21	17	26	21	19	48	42	48	6	9	9	17
3372B	Nonparticipating	25	21	17	26	21	19	48	42	48	7	10	11	19
3373B	Nonparticipating	25	21	17	26	21	19	48	42	48	6	9	9	18
3374B	Nonparticipating	25	21	17	26	21	19	48	42	48	6	9	9	18
3383B	Nonparticipating	25	21	17	26	21	19	48	42	48	6	10	10	19
3384H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	30
3385H	Nonparticipating	28	22	20	30	25	26	43	40	43	16	20	20	28
3386H	Nonparticipating	28	22	20	30	25	25	43	40	43	16	19	20	28
3387H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3388H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3389H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>90</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3390H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3391H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3392H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3393H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3394H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3395H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3396H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3397H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3398H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3399H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3400H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3403H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3404H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3405H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	27
3406H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	27
3407H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	27
3408H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	27
3409H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	18	19	27
3410H	Nonparticipating	28	22	20	29	24	24	43	40	43	13	17	18	26
3411H	Nonparticipating	28	22	20	29	24	24	43	40	43	13	17	18	25
3412H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	27
3413H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	27
3414H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	27
3415H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	27
3416H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	19	27
3421H	Nonparticipating	28	22	20	30	25	26	43	40	43	15	19	20	28
3422H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3423H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	28
3424H	Nonparticipating	28	22	20	30	25	26	43	40	43	15	20	20	28
3426H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3427H	Nonparticipating	28	22	20	30	26	26	43	40	43	15	20	20	28
3428H	Nonparticipating	28	22	20	30	25	26	43	40	43	15	19	20	28
3429R	Nonparticipating	24	24	19	27	26	26	36	32	36	15	20	21	28

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3430R	Nonparticipating	24	24	19	27	26	26	36	32	36	15	20	21	28
3432R	Nonparticipating	24	24	19	26	26	24	36	32	36	14	18	19	27
3433R	Nonparticipating	24	24	19	26	26	24	36	32	36	14	18	19	27
3434R	Nonparticipating	24	24	19	26	26	24	36	32	36	14	19	19	28
3435R	Nonparticipating	24	24	19	27	27	26	36	32	36	16	20	21	29
3438R	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	30
3440H	Nonparticipating	28	22	20	31	27	28	43	40	43	18	22	23	30
3441H	Nonparticipating	28	22	20	31	27	27	43	40	43	17	22	23	30
3442H	Nonparticipating	28	22	20	31	27	28	43	40	43	18	22	23	30
3443H	Nonparticipating	28	22	20	31	28	29	43	40	43	19	23	24	31
3444H	Nonparticipating	28	22	20	31	27	27	43	40	43	18	22	23	30
3449H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3450H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3451H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3452H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3453H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3454H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3455H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3456H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	29
3457H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3458H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3459H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3460H	Nonparticipating	28	22	20	30	26	26	43	40	43	16	20	21	28
3462H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	12	13	22
3463H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	22
3464H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	13	22
3466H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3467H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3468H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3469H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3470H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	22
3471H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	22
3473H	Nonparticipating	28	22	20	29	23	23	43	40	43	10	14	15	23
3474H	Nonparticipating	28	22	20	29	23	23	43	40	43	11	15	15	24



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3475H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	16	24
3476H	Nonparticipating	28	22	20	29	23	23	43	40	43	11	15	15	24
3477H	Nonparticipating	28	22	20	29	23	23	43	40	43	11	15	16	24
3478H	Nonparticipating	28	22	20	29	23	23	43	40	43	11	15	15	24
3481HH	Nonparticipating	25	27	22	27	28	24	40	38	40	13	18	18	27
3482HH	Nonparticipating	25	27	22	27	28	25	40	38	40	14	19	20	29
3483HH	Nonparticipating	25	27	22	28	29	27	40	38	40	18	22	23	31
3484HH	Nonparticipating	25	27	22	28	29	27	40	38	40	18	22	23	32
3485HH	Nonparticipating	25	27	22	29	29	27	40	38	40	18	23	23	32
3487HH	Nonparticipating	25	27	22	33	33	32	40	38	40	24	28	29	37
3488HH	Nonparticipating	25	27	22	32	31	31	40	38	40	22	26	27	35
3494HH	Nonparticipating	25	27	22	27	28	25	40	38	40	16	20	21	30
3495HH	Nonparticipating	25	27	22	26	27	23	40	38	40	11	15	16	24
3496H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	16	25
3499H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	24
3500H	Nonparticipating	28	22	20	29	24	22	43	40	43	11	15	16	24
3501H	Nonparticipating	28	22	20	29	24	23	43	40	43	12	16	17	25
3502H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	24
3503H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	24
3505H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	15	16	24
3506H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	15	23
3508H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	23
3509H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	23
3510H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	23
3511H	Nonparticipating	28	22	20	29	23	21	43	40	43	9	13	13	22
3512H	Nonparticipating	28	22	20	29	23	22	43	40	43	9	13	14	22
3513H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	23
3514H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	23
3515H	Nonparticipating	28	22	20	29	23	21	43	40	43	10	13	14	23
3516H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	23
3517H	Nonparticipating	28	22	20	29	23	21	43	40	43	10	13	14	23
3518H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	23
3519H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	23

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3520H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	23
3521H	Nonparticipating	28	22	20	29	23	21	43	40	43	9	12	13	22
3522H	Nonparticipating	28	22	20	29	23	21	43	40	43	9	12	13	22
3523H	Nonparticipating	28	22	20	29	23	21	43	40	43	9	12	13	22
3524H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	13	14	23
3525H	Nonparticipating	28	22	20	29	23	22	43	40	43	10	14	14	23
3528H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	24
3529H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	16	16	25
3530H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	24
3531H	Nonparticipating	28	22	20	29	23	22	43	40	43	11	14	15	24
3532H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	16	16	25
3533H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	16	16	25
3534H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	16	16	25
3535R	Nonparticipating	24	24	19	25	25	22	36	32	36	13	16	17	26
3536H	Nonparticipating	28	22	20	29	24	22	43	40	43	12	16	17	26
3537H	Nonparticipating	28	22	20	29	23	22	43	40	43	12	15	16	25
3538H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	17	18	27
3539H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	17	18	27
3540H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	18	18	27
3541H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	18	18	27
3543H	Nonparticipating	28	22	20	30	25	24	43	40	43	16	19	20	29
3544H	Nonparticipating	28	22	20	30	25	24	43	40	43	16	20	20	29
3545H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	18	19	28
3555H	Nonparticipating	28	22	20	29	24	23	43	40	43	14	18	19	28
3556H	Nonparticipating	28	22	20	30	26	24	43	40	43	16	20	21	30
3559H	Nonparticipating	28	22	20	30	26	25	43	40	43	17	20	21	30
3560H	Nonparticipating	28	22	20	30	26	25	43	40	43	17	20	21	30
3561H	Nonparticipating	28	22	20	30	27	26	43	40	43	18	21	22	32
3562H	Nonparticipating	28	22	20	30	26	25	43	40	43	17	21	21	31
3563H	Nonparticipating	28	22	20	30	26	25	43	40	43	18	22	22	32
3564H	Nonparticipating	28	22	20	30	26	25	43	40	43	17	22	22	31
3565H	Nonparticipating	28	22	20	30	26	25	43	40	43	16	21	21	30
3566H	Nonparticipating	28	22	20	30	26	25	43	40	43	17	21	22	32
3568H	Nonparticipating	28	22	20	31	27	26	43	40	43	19	22	23	33





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3571H	Nonparticipating	28	22	20	30	27	26	43	40	43	18	22	22	32
3572H	Nonparticipating	28	22	20	30	26	25	43	40	43	18	21	22	31
3575H	Nonparticipating	28	22	20	31	27	26	43	40	43	20	23	24	33
3576H	Nonparticipating	28	22	20	30	27	26	43	40	43	19	22	23	32
3577H	Nonparticipating	28	22	20	30	26	25	43	40	43	19	22	22	32
3578H	Nonparticipating	28	22	20	30	27	26	43	40	43	19	22	23	32
3580H	Nonparticipating	28	22	20	30	26	25	43	40	43	18	21	22	31
3581H	Nonparticipating	28	22	20	30	26	25	43	40	43	18	21	22	31
3582H	Nonparticipating	28	22	20	30	26	25	43	40	43	18	21	21	31
3584H	Nonparticipating	28	22	20	29	25	24	43	40	43	16	19	20	29
3585R	Nonparticipating	24	24	19	24	24	21	36	32	36	11	14	14	24
3586R	Nonparticipating	24	24	19	25	24	21	36	32	36	12	15	15	25
3587R	Nonparticipating	24	24	19	25	25	21	36	32	36	12	16	16	26
3588R	Nonparticipating	24	24	19	24	24	21	36	32	36	11	14	15	24
3589R	Nonparticipating	24	24	19	25	25	22	36	32	36	13	17	17	26
3590R	Nonparticipating	24	24	19	25	25	22	36	32	36	13	16	17	26
3593R	Nonparticipating	24	24	19	24	24	20	36	32	36	7	10	10	19
3594D	Nonparticipating	22	22	17	25	24	22	38	34	38	14	17	18	26
3595D	Nonparticipating	22	22	17	25	24	22	38	34	38	14	17	18	26
3596D	Nonparticipating	22	22	17	25	24	22	38	34	38	14	17	18	26
3598D	Nonparticipating	22	22	17	24	23	21	38	34	38	14	17	17	26
3599D	Nonparticipating	22	22	17	24	23	21	38	34	38	14	16	17	25
3600W	Nonparticipating	24	24	19	25	25	22	36	32	36	13	16	17	25
3604R	Nonparticipating	24	24	19	24	24	20	36	32	36	9	12	12	21
3605R	Nonparticipating	24	24	19	24	24	20	36	32	36	8	12	12	21
3606R	Nonparticipating	24	24	19	24	24	20	36	32	36	10	13	14	23
3611R	Nonparticipating	24	24	19	24	24	20	36	32	36	10	13	13	23
3612H	Nonparticipating	28	22	20	29	24	22	43	40	43	13	16	16	26
3614H	Nonparticipating	28	22	20	29	25	24	43	40	43	17	20	20	29
3616R	Nonparticipating	24	24	19	24	24	20	36	32	36	8	11	12	21
3617R	Nonparticipating	24	24	19	24	24	20	36	32	36	8	11	11	21
3621B	Nonparticipating	25	21	17	26	21	19	48	42	48	8	11	12	20
3622B	Nonparticipating	25	21	17	26	21	19	48	42	48	8	11	11	19

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3623B	Nonparticipating	25	21	17	26	21	19	48	42	48	8	12	12	20
3624B	Nonparticipating	25	21	17	26	21	20	48	42	48	9	12	12	20
3625B	Nonparticipating	25	21	17	26	21	20	48	42	48	9	12	12	20
3626B	Nonparticipating	25	21	17	26	21	20	48	42	48	9	12	12	20
3640D	Nonparticipating	22	22	17	41	41	40	38	34	41	37	38	38	43
3651D	Nonparticipating	22	22	17	40	40	39	38	34	40	35	36	37	42
3652D	Nonparticipating	22	22	17	39	39	38	38	34	40	35	36	36	41
3653D	Nonparticipating	22	22	17	40	40	39	38	34	40	35	36	36	41
3657D	Nonparticipating	22	22	17	40	40	39	38	34	40	35	36	36	41
3666H	Nonparticipating	28	22	20	39	39	38	43	40	43	30	34	35	41
3667H	Nonparticipating	28	22	20	39	39	37	43	40	43	30	34	34	41
3668H	Nonparticipating	28	22	20	43	43	42	43	40	44	34	38	39	45
3670H	Nonparticipating	28	22	20	43	42	42	43	40	44	34	38	39	45
3687H	Nonparticipating	28	22	20	39	38	37	43	40	43	30	34	34	40
3688D	Nonparticipating	22	22	17	39	39	39	38	34	40	35	36	36	41
3689D	Nonparticipating	22	22	17	39	39	38	38	34	40	34	35	36	41
3702B	Nonparticipating	25	21	17	37	36	35	48	42	48	31	33	33	38
3706H	Nonparticipating	28	22	20	37	36	35	43	40	44	32	33	33	38
3707H	Nonparticipating	28	22	20	36	35	35	43	40	43	31	32	32	37
3708H	Nonparticipating	28	22	20	36	35	34	43	40	43	31	31	32	36
3709H	Nonparticipating	28	22	20	35	34	33	43	40	43	28	30	30	35
3714H	Nonparticipating	28	22	20	37	37	36	43	40	43	31	33	33	38
3715H	Nonparticipating	28	22	20	37	37	36	43	40	43	30	33	33	38
3716H	Nonparticipating	28	22	20	37	37	36	43	40	43	30	33	33	38
3717H	Nonparticipating	28	22	20	37	37	36	43	40	43	30	32	33	38
3718H	Nonparticipating	28	22	20	37	36	35	43	40	43	30	32	32	38
3726H	Nonparticipating	28	22	20	38	38	37	43	40	43	29	33	34	40
3727H	Nonparticipating	28	22	20	38	38	37	43	40	43	29	33	34	40
3728H	Nonparticipating	28	22	20	38	37	36	43	40	43	29	33	33	39
3729H	Nonparticipating	28	22	20	38	37	37	43	40	43	29	33	33	40
3730H	Nonparticipating	28	22	20	38	38	37	43	40	43	29	33	34	40
3731H	Nonparticipating	28	22	20	38	38	37	43	40	43	29	33	34	40
3732H	Nonparticipating	28	22	20	39	38	37	43	40	43	30	34	34	40
3742H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3743H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
3744H	Nonparticipating	28	22	20	37	35	35	43	40	43	27	31	32	38
3745H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
3746H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
3747H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
3748H	Nonparticipating	28	22	20	37	36	35	43	40	43	27	31	32	38
3749H	Nonparticipating	28	22	20	37	35	35	43	40	43	27	31	32	38
3750H	Nonparticipating	28	22	20	37	36	35	43	40	43	28	31	32	38
3751H	Nonparticipating	28	22	20	37	36	35	43	40	43	28	31	32	38
3752H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
3753H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
3754H	Nonparticipating	28	22	20	37	36	36	43	40	43	28	32	32	39
3755H	Nonparticipating	28	22	20	38	37	36	43	40	43	29	32	33	39
3758H	Nonparticipating	28	22	20	38	37	36	43	40	43	29	32	33	39
3769H	Nonparticipating	28	22	20	37	36	35	43	40	43	28	31	32	38
3772H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	31	37
3773H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3774H	Nonparticipating	28	22	20	36	36	35	43	40	43	29	31	32	37
3781H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3793H	Nonparticipating	28	22	20	36	36	35	43	40	43	28	31	32	37
3794H	Nonparticipating	28	22	20	36	36	35	43	40	43	29	31	32	37
3795H	Nonparticipating	28	22	20	36	36	35	43	40	43	28	31	32	37
3796H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	31	37
3797H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3798H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	31	37
3799H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	31	37
3800H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	31	37
3801H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	31	37
3802W	Nonparticipating	24	24	19	34	33	33	36	32	36	27	29	29	35
3804H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	36
3805H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	31	37
3806H	Nonparticipating	28	22	20	36	36	35	43	40	43	28	31	32	37
3807H	Nonparticipating	28	22	20	36	36	35	43	40	43	28	31	32	37

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3808H	Nonparticipating	28	22	20	36	36	35	43	40	43	28	31	32	37
3809H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	32	37
3810H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	37
3811H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	36
3812H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
3813H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
3814H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
3815H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	36
3816H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	36
3817H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	36
3818H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3819H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	36
3820H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	36
3821H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	36
3822H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	36
3823H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3824H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3825H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3826H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3827H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3828H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3829H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3830H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3831H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3832H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3833H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3834H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3845H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	36
3846H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
3847H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
3848H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	36
3849H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
3850H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
3851H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3860H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	32	37
3861H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3862H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3863H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3864H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3865H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	30	31	37
3866H	Nonparticipating	28	22	20	35	34	34	43	40	43	28	30	31	36
3867H	Nonparticipating	28	22	20	35	34	34	43	40	43	28	30	31	36
3868H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
3869H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
3870H	Nonparticipating	28	22	20	35	34	34	43	40	43	28	30	31	36
3871H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	30	31	37
3872H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	30	31	37
3873H	Nonparticipating	28	22	20	36	35	34	43	40	43	28	31	31	37
3874H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
3875H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
3876H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
3877H	Nonparticipating	28	22	20	35	34	33	43	40	43	27	30	30	36
3878H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3879H	Nonparticipating	28	22	20	35	34	33	43	40	43	27	30	30	36
3880H	Nonparticipating	28	22	20	35	34	33	43	40	43	27	30	30	36
3881H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	37
3882H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
3883H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3884H	Nonparticipating	28	22	20	35	34	33	43	40	43	27	30	30	36
3885H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3886H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3887H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3888H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3889H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3898H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3899H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3900H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3910H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3911H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3912H	Nonparticipating	28	22	20	35	34	33	43	40	43	27	30	30	36
3913H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3914H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3915H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3916H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3917H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3918H	Nonparticipating	28	22	20	36	34	34	43	40	43	26	30	30	37
3919H	Nonparticipating	28	22	20	36	35	34	43	40	43	26	30	31	37
3920H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3921H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3922H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3940H	Nonparticipating	28	22	20	36	35	34	43	40	43	26	30	31	37
3941H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3942H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3943H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3944H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3945H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3946H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3947H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3948H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	37
3949H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	38
3950H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	38
3951H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3952H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3953H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3954H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3955H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3956H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	37
3957H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	37
3958H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	37
3959H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3960H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	37



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
3961H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3962H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3963H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3964H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3965H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3968H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
3969H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3970H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3971H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3972H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3973H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3974H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3975H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3976H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3977H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
3978H	Nonparticipating	28	22	20	36	34	34	43	40	43	26	30	31	37
3979H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	31	36
3980H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	29	30	36
3981H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3982H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3983H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
3984H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
3985H	Nonparticipating	28	22	20	36	34	34	43	40	43	26	30	31	37
3986H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
3987H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
4010H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	32	38
4015HH	Nonparticipating	25	27	22	36	35	35	40	38	40	29	31	32	38
4016HH	Nonparticipating	25	27	22	36	35	35	40	38	40	29	32	32	38
4017HH	Nonparticipating	25	27	22	36	35	35	40	38	40	28	31	32	38
4018HH	Nonparticipating	25	27	22	37	36	36	40	38	40	29	32	33	39
4021HH	Nonparticipating	25	27	22	36	36	36	40	38	40	28	32	32	38
4025H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	32	37
4031H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	27	28	34

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4032H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	34
4033H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
4034H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	34
4035H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	29	34
4036H	Nonparticipating	28	22	20	34	32	32	43	40	43	25	28	28	34
4043H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	27	33
4044H	Nonparticipating	28	22	20	34	32	32	43	40	43	24	28	28	34
4048H	Nonparticipating	28	22	20	41	41	41	43	40	44	32	36	37	43
4049H	Nonparticipating	28	22	20	41	40	40	43	40	43	31	35	36	42
4050H	Nonparticipating	28	22	20	39	39	39	43	40	43	30	34	35	41
4051H	Nonparticipating	28	22	20	41	40	40	43	40	43	31	35	36	43
4052H	Nonparticipating	28	22	20	40	40	40	43	40	43	31	35	36	42
4053H	Nonparticipating	28	22	20	41	40	40	43	40	43	31	35	36	42
4054HH	Nonparticipating	25	27	22	41	40	40	40	38	40	32	36	37	43
4056H	Nonparticipating	28	22	20	40	39	39	43	40	43	31	35	36	42
4057H	Nonparticipating	28	22	20	40	39	39	43	40	43	31	35	36	42
4058HH	Nonparticipating	25	27	22	41	40	40	40	38	41	33	36	37	43
4059H	Nonparticipating	28	22	20	39	38	38	43	40	43	30	34	34	40
4066H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4067H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	37
4074H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	27	28	34
4083HH	Nonparticipating	25	27	22	40	40	39	40	38	41	33	36	36	42
4084HH	Nonparticipating	25	27	22	40	39	39	40	38	40	33	35	36	41
4085HH	Nonparticipating	25	27	22	39	39	39	40	38	40	32	35	36	41
4086H	Nonparticipating	28	22	20	37	36	36	43	40	43	27	32	32	38
4087H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	37
4088H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	37
4092H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
4093H	Nonparticipating	28	22	20	33	31	32	43	40	43	23	27	28	34
4094H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
4095H	Nonparticipating	28	22	20	33	30	31	43	40	43	23	26	27	33
4096H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	26	27	34
4097H	Nonparticipating	28	22	20	33	31	31	43	40	43	23	26	27	34
4098H	Nonparticipating	28	22	20	34	31	32	43	40	43	24	28	28	35





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4099H	Nonparticipating	28	22	20	34	32	33	43	40	43	25	28	29	35
4102H	Nonparticipating	28	22	20	35	33	33	43	40	43	25	29	29	36
4106HH	Nonparticipating	25	27	22	39	38	38	40	38	40	33	35	35	42
4109HH	Nonparticipating	25	27	22	33	32	32	40	38	40	26	28	28	34
4114HH	Nonparticipating	25	27	22	33	32	32	40	38	40	24	28	28	35
4118H	Nonparticipating	28	22	20	30	25	25	43	40	43	17	19	19	25
4119H	Nonparticipating	28	22	20	30	26	26	43	40	43	19	21	21	26
4120H	Nonparticipating	28	22	20	30	26	26	43	40	43	19	21	21	26
4123W	Nonparticipating	24	24	19	28	27	26	36	32	36	20	22	22	28
4124W	Nonparticipating	24	24	19	28	27	26	36	32	36	20	22	22	28
4125W	Nonparticipating	24	24	19	27	26	25	36	32	36	18	20	20	26
4126H	Nonparticipating	28	22	20	29	23	23	43	40	43	13	15	15	22
4128H	Nonparticipating	28	22	20	32	30	31	43	40	43	20	25	26	33
4129H	Nonparticipating	28	22	20	33	30	31	43	40	43	21	26	26	33
4130H	Nonparticipating	28	22	20	33	31	31	43	40	43	21	26	27	33
4131H	Nonparticipating	28	22	20	36	35	35	43	40	43	26	30	31	37
4138H	Nonparticipating	28	22	20	35	34	34	43	40	43	25	29	30	36
4139H	Nonparticipating	28	22	20	36	35	34	43	40	43	26	30	31	37
4142HH	Nonparticipating	25	27	22	37	37	35	40	38	40	28	32	32	39
4143HH	Nonparticipating	25	27	22	40	40	39	40	38	40	30	35	36	42
4152D	Nonparticipating	22	22	17	42	42	41	38	34	41	38	39	39	44
4156D	Nonparticipating	22	22	17	42	42	41	38	34	41	38	38	39	44
4160HH	Nonparticipating	25	27	22	39	39	38	40	38	40	30	34	35	41
4161HH	Nonparticipating	25	27	22	39	39	38	40	38	40	30	34	35	41
4162HH	Nonparticipating	25	27	22	38	38	37	40	38	40	29	33	34	40
4164H	Nonparticipating	28	22	20	38	37	36	43	40	43	27	32	33	39
4165H	Nonparticipating	28	22	20	37	37	36	43	40	43	27	32	33	39
4166H	Nonparticipating	28	22	20	37	36	36	43	40	43	27	32	32	38
4168H	Nonparticipating	28	22	20	37	36	36	43	40	43	27	31	32	38
4175H	Nonparticipating	28	22	20	36	35	34	43	40	43	25	30	31	37
4176H	Nonparticipating	28	22	20	36	35	34	43	40	43	26	30	31	37
4180H	Nonparticipating	28	22	20	37	36	35	43	40	43	26	31	32	38
4181H	Nonparticipating	28	22	20	35	34	34	43	40	43	25	29	30	37

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4190H	Nonparticipating	28	22	20	37	36	36	43	40	43	27	31	32	39
4191H	Nonparticipating	28	22	20	36	35	34	43	40	43	25	30	30	37
4192H	Nonparticipating	28	22	20	37	36	36	43	40	43	26	31	32	38
4193H	Nonparticipating	28	22	20	36	35	34	43	40	43	25	30	31	37
4194H	Nonparticipating	28	22	20	36	35	33	43	40	43	25	30	30	37
4207H	Nonparticipating	28	22	20	39	39	37	43	40	43	29	33	34	41
4208H	Nonparticipating	28	22	20	37	37	35	43	40	43	27	31	32	39
4209H	Nonparticipating	28	22	20	39	38	37	43	40	43	29	33	34	40
4210HH	Nonparticipating	25	27	22	38	38	36	40	38	40	29	33	34	40
4223H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
4224H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
4225H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
4226H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
4227H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
4229H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	37
4230H	Nonparticipating	28	22	20	36	35	35	43	40	43	27	31	31	38
4240L	Nonparticipating	29	25	21	33	31	31	49	45	49	21	26	27	34
4241L	Nonparticipating	29	25	21	31	29	28	49	45	49	18	23	24	31
4242L	Nonparticipating	29	25	21	33	32	32	49	45	49	22	26	27	35
4249H	Nonparticipating	28	22	20	38	36	37	43	40	43	30	33	33	40
4251H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	37
4252H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4253H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	31	31	37
4254H	Nonparticipating	28	22	20	36	35	34	43	40	43	27	30	31	37
4261H	Nonparticipating	28	22	20	36	34	34	43	40	43	27	30	31	37
4262H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	37
4268H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	37
4269H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4270H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4271H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4272H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4273H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4274H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4275H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4276H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4277H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4278H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4279H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4280H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4281H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4282H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4283H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4284H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4285H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4286H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4287H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4288H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4289H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4290H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4291H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4292H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4293H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4294H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4295H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4296H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4297H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4298H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4299H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4300H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4301H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4302H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4303H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4304H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4305H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4306H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4307H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4308H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4309H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4310H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4311H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4312H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4313H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4314H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4315H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4316H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4317H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4318H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4321H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4322H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
4324H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
4325H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
4326H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	31	36
4327H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4328H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
4329H	Nonparticipating	28	22	20	35	34	33	43	40	43	27	30	30	36
4330H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
4339H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
4340H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
4341H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
4342H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4343W	Nonparticipating	24	24	19	34	34	33	36	32	36	27	30	30	35
4344W	Nonparticipating	24	24	19	30	30	29	36	32	36	23	25	25	31
4345W	Nonparticipating	24	24	19	31	31	30	36	32	36	24	26	26	32
4349W	Nonparticipating	24	24	19	34	33	33	36	32	36	27	29	30	35
4350W	Nonparticipating	24	24	19	32	31	30	36	32	36	24	27	27	32
4351W	Nonparticipating	24	24	19	31	30	29	36	32	36	23	25	26	31
4352W	Nonparticipating	24	24	19	30	29	29	36	32	36	22	25	25	31
4353H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
4354H	Nonparticipating	28	22	20	35	34	34	43	40	43	27	30	30	36
4355H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4356H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4357H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4358H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4359H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4360H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4361H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4362H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4363H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4364H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4365H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4366H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4367H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4368H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4369H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4370H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4371H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4372H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4373H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4374H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	29	30	36
4375H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4376H	Nonparticipating	28	22	20	35	34	34	43	40	43	26	30	30	36
4377H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4378H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4379H	Nonparticipating	28	22	20	35	34	33	43	40	43	26	30	30	36
4383R	Nonparticipating	24	24	19	29	28	28	36	32	36	21	23	23	30
4384R	Nonparticipating	24	24	19	30	28	28	36	32	36	21	24	24	31
4385R	Nonparticipating	24	24	19	31	29	30	36	32	36	23	25	26	32
4386R	Nonparticipating	24	24	19	30	29	29	36	32	36	22	25	25	32
4387W	Nonparticipating	24	24	19	28	27	27	36	32	36	20	22	22	29
4388W	Nonparticipating	24	24	19	29	28	27	36	32	36	21	23	23	30
4395W	Nonparticipating	24	24	19	32	31	31	36	32	36	25	27	27	33
4396W	Nonparticipating	24	24	19	32	31	31	36	32	36	25	27	27	34
4397D	Nonparticipating	22	22	17	33	32	32	38	34	39	27	28	29	35
4398D	Nonparticipating	22	22	17	33	32	32	38	34	39	27	29	29	35

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Nighttime/Year	Daytime/Year	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4405B	Nonparticipating	25	21	17	57	57	56	48	42	55	54	54	54	58
4407W	Nonparticipating	24	24	19	39	39	38	36	32	38	34	35	35	41
4408W	Nonparticipating	24	24	19	39	39	38	36	32	38	34	35	35	41
4410D	Nonparticipating	22	22	17	31	30	30	38	34	39	24	26	27	32
4411D	Nonparticipating	22	22	17	31	30	30	38	34	39	25	26	27	32
4412D	Nonparticipating	22	22	17	32	31	31	38	34	39	26	27	28	34
4413D	Nonparticipating	22	22	17	32	31	31	38	34	39	25	27	28	33
4418B	Nonparticipating	25	21	17	27	24	23	48	42	48	16	18	18	25
4421D	Nonparticipating	22	22	17	28	27	26	38	34	38	21	22	23	28
4423H	Nonparticipating	28	22	20	31	28	27	43	40	43	21	23	23	29
4424H	Nonparticipating	28	22	20	31	27	27	43	40	43	21	23	23	29
4425B	Nonparticipating	25	21	17	29	27	26	48	42	48	20	22	22	28
4426B	Nonparticipating	25	21	17	29	27	26	48	42	48	20	22	22	28
4432H	Nonparticipating	28	22	20	30	26	26	43	40	43	19	21	21	27
4436B	Nonparticipating	25	21	17	29	26	26	48	42	48	20	22	22	28
4442B	Nonparticipating	25	21	17	29	26	26	48	42	48	20	22	22	27
4444H	Nonparticipating	28	22	20	30	26	26	43	40	43	19	20	21	26
4445H	Nonparticipating	28	22	20	30	25	25	43	40	43	18	20	20	25
4446H	Nonparticipating	28	22	20	30	25	25	43	40	43	17	19	20	25
4447D	Nonparticipating	22	22	17	26	25	24	38	34	38	13	18	19	25
4448W	Nonparticipating	24	24	19	41	40	40	36	32	38	34	36	37	43
4449H	Nonparticipating	28	22	20	43	43	43	43	40	44	36	39	40	45
4450HH	Nonparticipating	25	27	22	35	34	34	40	38	40	27	30	31	39
4453W	Nonparticipating	24	24	19	28	27	27	36	32	36	17	21	22	28
4454D	Nonparticipating	22	22	17	28	27	27	38	34	38	16	21	22	28
4456H	Nonparticipating	28	22	20	30	26	27	43	40	43	17	21	22	29
4457H	Nonparticipating	28	22	20	30	25	25	43	40	43	15	19	20	27
4458H	Nonparticipating	28	22	20	30	25	26	43	40	43	15	20	20	28
4459H	Nonparticipating	28	22	20	30	25	25	43	40	43	14	19	20	27
4460D	Nonparticipating	22	22	17	28	27	27	38	34	38	18	22	23	30
4462H	Nonparticipating	28	22	20	39	38	38	43	40	43	29	33	34	40
4463H	Nonparticipating	28	22	20	40	39	40	43	40	43	31	35	36	42
4465D	Nonparticipating	22	22	17	35	34	34	38	34	39	27	30	31	38
4468HH	Nonparticipating	25	27	22	41	41	41	40	38	41	34	37	37	43



Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>Night</sub> (dBA)	Modeled Maximum L <sub>5h</sub> (dBA)	
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq	
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night	
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit	
4470W	Nonparticipating	24	24	19	41	40	40	36	32	38	34	37	37	42	
4472H	Nonparticipating	28	22	20	33	30	30	43	40	43	22	26	26	33	
4473HH	Nonparticipating	25	27	22	40	39	39	40	38	40	32	35	36	41	
4475HH	Nonparticipating	25	27	22	33	32	32	40	38	40	23	27	27	35	
4476D	Nonparticipating	22	22	17	36	36	36	38	34	39	26	31	32	39	
4480D	Nonparticipating	22	22	17	37	37	35	38	34	39	27	32	32	40	
4481W	Nonparticipating	24	24	19	40	40	37	36	32	37	30	35	35	43	
4483H	Nonparticipating	28	22	20	38	37	37	43	40	43	30	33	34	40	
4490H	Nonparticipating	28	22	20	40	38	39	43	40	44	32	35	36	42	
4492D	Nonparticipating	22	22	17	31	31	29	38	34	38	21	25	25	32	
4494D	Nonparticipating	22	22	17	36	36	36	38	34	39	29	32	33	41	
4499H	Nonparticipating	28	22	20	36	34	35	43	40	43	27	31	31	38	
4501H	Nonparticipating	28	22	20	36	35	35	43	40	43	28	31	31	38	
4503D	Nonparticipating	22	22	17	30	30	29	38	34	38	20	25	25	31	
4504H	Nonparticipating	28	22	20	37	34	36	43	40	43	26	31	32	39	
4506D	Nonparticipating	22	22	17	39	38	39	38	34	39	31	35	35	41	
4507D	Nonparticipating	22	22	17	27	26	25	38	34	38	17	20	21	27	
4509D	Nonparticipating	22	22	17	24	23	22	38	34	38	12	16	16	22	
4510H	Nonparticipating	28	22	20	29	23	23	43	40	43	11	14	15	21	
4518H	Nonparticipating	28	22	20	29	24	24	43	40	43	12	16	17	24	
4520H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	16	16	23	
4521H	Nonparticipating	28	22	20	29	24	24	43	40	43	13	17	17	24	
4524H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	15	22	
4525H	Nonparticipating	28	22	20	29	24	23	43	40	43	13	16	16	23	
4527H	Nonparticipating	28	22	20	29	24	23	43	40	43	11	15	16	22	
Maximum					57	57	56				55	54	54	54	58
Minimum					23	21	18				36	4	7	8	14
Average					32	31	30				42	21	25	25	32
Participating															
334D	Participating	22	22	17	27	26	26	38	34	38	15	20	21	27	
426D	Participating	22	22	17	41	40	41	38	34	40	34	37	37	44	
549H	Participating	28	22	20	42	41	41	43	40	44	35	37	38	43	
575D	Participating	22	22	17	40	39	39	38	34	39	33	36	37	45	

Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>8h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Nighttime/Year	Daytime/Year	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
578H	Participating	28	22	20	41	40	41	43	40	44	34	37	37	43
583H	Participating	28	22	20	42	41	41	43	40	44	34	37	38	45
590H	Participating	28	22	20	42	41	41	43	40	44	35	37	38	43
607H	Participating	28	22	20	41	40	41	43	40	44	34	37	37	44
609B	Participating	25	21	17	42	40	41	48	42	48	35	37	38	45
633H	Participating	28	22	20	39	38	38	43	40	43	31	34	35	41
649H	Participating	28	22	20	39	39	39	43	40	43	31	35	35	41
670D	Participating	22	22	17	38	38	38	38	34	39	31	34	35	40
778W	Participating	24	24	19	38	38	38	36	32	38	33	34	35	40
888B	Participating	25	21	17	42	42	42	48	42	48	34	38	38	44
903HH	Participating	25	27	22	37	36	36	40	38	40	29	32	32	39
907W	Participating	24	24	19	42	41	41	36	32	38	34	37	38	43
916L	Participating	29	25	21	35	33	33	49	45	49	23	28	29	38
969B	Participating	25	21	17	36	35	36	48	42	48	28	31	32	40
979HH	Participating	25	27	22	40	39	39	40	38	40	33	35	36	42
2371D	Participating	22	22	17	27	26	25	38	34	38	17	21	21	27
2468D	Participating	22	22	17	30	29	29	38	34	38	21	25	25	32
2481B	Participating	25	21	17	27	24	23	48	42	48	14	18	18	24
2575B	Participating	25	21	17	27	24	23	48	42	48	14	18	18	25
2581B	Participating	25	21	17	27	24	23	48	42	48	14	17	18	24
2616D	Participating	22	22	17	40	40	40	38	34	39	33	36	37	42
2651H	Participating	28	22	20	42	41	41	43	40	44	33	37	37	43
2665D	Participating	22	22	17	28	27	27	38	34	38	19	22	23	29
2668D	Participating	22	22	17	25	24	23	38	34	38	13	17	17	24
2689R	Participating	24	24	19	31	30	30	36	32	36	21	25	25	32
2800HH	Participating	25	27	22	43	42	42	40	38	41	36	38	39	44
2835R	Participating	24	24	19	40	38	40	36	32	37	31	35	35	43
2836R	Participating	24	24	19	39	37	39	36	32	37	30	34	34	42
3072H	Participating	28	22	20	31	28	27	43	40	43	21	25	25	35
3081H	Participating	28	22	20	31	29	27	43	40	43	22	25	26	35
4107HH	Participating	25	27	22	34	34	33	40	38	40	26	29	30	36
4108HH	Participating	25	27	22	34	33	33	40	38	40	27	29	30	37
4110HH	Participating	25	27	22	33	32	32	40	38	40	24	27	28	35
4246HH	Participating	25	27	22	37	36	36	40	38	40	30	32	33	39





Receptor	Receptor Status	Daytime Ambient Noise Level (L90 dBA)	Summer Nighttime Ambient Noise Level (L90 dBA)	Winter Nighttime Ambient Noise Level (L90 dBA)	Worst Case Daytime Future Noise Level (dBA)	Worst Case Summer Nighttime Future Noise Level (dBA)	Worst Case Winter Nighttime Future Noise Level (dBA)	Daytime Monitored Leq (dBA)	Nighttime Monitored Leq (dBA)	Typical Facility Noise Levels (dBA)	Modeled Overall L50 (dBA)	Modeled Overall Leq (dBA)	Modeled Overall L <sub>night</sub> (dBA)	Modeled Maximum L <sub>95h</sub> (dBA)
Metric		Monitored L90	Monitored L90	Monitored L90	Monitored L90 + Modeled L10	Monitored L10 + Modeled L10	Monitored L90 + Modeled L10	Monitored Leq	Monitored Leq	Monitored Leq + Modeled L50	Modeled L50	Leq	Leq	Leq
Period/Duration		Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Year	Summer Nighttime	Winter Nighttime	Daytime/Yearly	Nighttime/Yearly	Daytime/Yearly	Yearly	Yearly	Night/Yearly	Maximum Night
Requirement		Article 10 Ex 19 f(1)	Article 10 Ex 19 f(2)	Article 10 Ex 19 f(3)	Article 10 Ex 19 f(4)	Article 10 Ex 19 f(5)	Article 10 Ex 19 f(6)	Article 10 Ex 19 f(7)	-	Article 10 Ex 19 f(9)	Article 10 Ex 19 f(8)	-	Design Goal	Proposed Regulatory Limit
4394B	Participating	25	21	17	32	30	30	48	42	48	25	27	27	33
4409D	Participating	22	22	17	30	29	29	38	34	39	23	25	25	31
4464HH	Participating	25	27	22	40	39	40	40	38	40	31	35	36	42
4471W	Participating	24	24	19	41	40	41	36	32	38	34	37	38	44
4478B	Participating	25	21	17	43	42	42	48	42	48	35	38	39	44
4493W	Participating	24	24	19	45	46	44	36	32	39	35	40	40	47
4495D	Participating	22	22	17	37	36	37	38	34	39	30	33	34	41
Maximum					45	46	44			49	36	40	40	47
Minimum					25	24	23			36	13	17	17	24
Average					36	35	35			42	28	31	32	38

## APPENDIX D: MONITORING INFORMATION

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TABLE 36: SOUND LEVEL METER ENVIRONMENTAL PARAMETERS

Brand/Model Number	Noise Floor	Temperature Range (°C)	Relative Humidity Range
Cesva SC-310	9 dBA	-10 to 50	25 to 90 %
Larson Davis 831	21 dB	-10 to 50	30 to 90 % $\leq \pm 0.5$ dB
Svantek SV979	< 12 dBA	-10 to 50	Up to 90 %

## APPENDIX E: EXTENT OF COMPLIANCE WITH APPLICABLE STANDARDS

**TABLE 37: SOUND LEVEL LIMITS AND GUIDELINES APPLICABLE TO BARON WINDS**

Municipality/Organization	Standard or Guideline	Overall Level	Metric	Tonal Penalty	Does Project Comply with Standard/Guideline
Town of Cohocton	Standard	45 dBA at nonparticipating residences and 50 dBA at nonparticipating property lines	Average of three 15 second periods	5 dB	Yes
Town of Dansville	Standard	45 dBA at nonparticipating receptors	L <sub>1h</sub>	-	Yes
Town of Fremont	Standard	50 dBA	Hourly L <sub>10</sub>	5 dB	Yes
Town of Wayland	Standard	45 dBA at nonparticipating residences and 50 dBA at nonparticipating property lines and participating residences	L <sub>8h</sub>	-	Yes
NYSDEC	Guideline	55 dBA / Ambient Sound Level plus 6 dB	L <sub>dn</sub>	-	Yes/Yes <sup>99</sup>
NYSDPS Chapter 10	Guideline	-	-	-	-
World Health Organization (Night)	Guideline	45 dBA	L <sub>8h</sub> - L <sub>eq</sub> Averaged Over the Night	-	Yes
World Health Organization (Day)	Guideline	55 dBA	L <sub>16h</sub> - L <sub>eq</sub> Averaged Over the Day	-	Yes
Environmental Protection Agency	Guideline	55 dBA	L <sub>dn</sub>	-	Yes
Federal Interagency Task Force	Guideline	55 to 65 dBA	L <sub>dn</sub>	-	Yes

<sup>99</sup> Comparing modeled annual L<sub>eq</sub> to monitored overall L<sub>eq</sub>

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## APPENDIX G: GLOSSARY

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Definitions of acoustical term or general scientific terms are included here if not explained within the body of the report.

**Absolute Standard** – a regulatory standard based on absolute limits, such as “no greater than 45 dBA”.

**Accuracy** A measure of how close an estimate is to the true value.

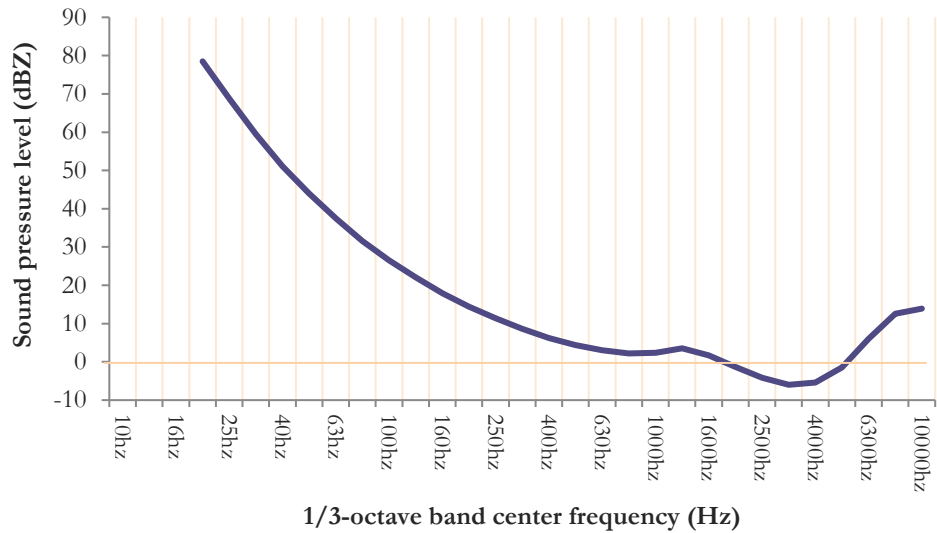
**Ambient noise** – The ANSI S1.1 definition is the “all-encompassing sound at a given place, usually a composite of sounds from many sources near and far.” The MassDEP definition is the  $L_{90}$  of the background noise (see “nth percentile” and “background sound level”).

**Amplitude Modulation** – with respect to wind turbine sound, a regular pattern of increasing and decreasing sound with a period roughly equal to the blade passage frequency (generally less than one-second). Qualitatively, this is sometimes described as “swishing”, “thumping”, or “churning.”

**Atmospheric Stability** – A condition related to the tendency of air in the atmosphere to move vertically. Unstable atmospheres, such as where the ground is heated, have greater vertical movement of air, and are potentially more turbulent. Stable air, such as under a nighttime temperature inversion, resists the vertical movement of air. Neutral stability, such as on a cloudy day or night, is typically characterized by a normal change in temperature with height (where the actual temperature lapse rate is the same as the dry adiabatic lapse rate of 1°C per 100 meters of lift). Stability classes used to describe atmospheric stability are described in Section 6.

**Attended Monitoring** – sound monitoring where a person is present to record their qualitative observations of the sound along with the sound level. A sound monitor may automatically record sound levels while the attendant is making observations, or the attendant can record both sound levels and observations at the same time.

**Audible** For the purposes of this report, able to be heard by ontologically normal healthy young adults (18 to 25 years), according to ISO 389-7 (see Figure 180). For infrasound, audibility is defined in this report according to the 90-dBG curve of ISO 7196 (Figure 180).



**FIGURE 180: ISO 387-7 AUDIBILITY CURVE IN A FREE FIELD**

Background Sound Level – the sound level in absence of the source of interest. In this case, it is the level measured either before a wind turbine becomes operational or when an installed turbine is not operating.

Broadband Sound – Sound with a broad spectral distribution, with no tones, such as white noise, static, and airflow.

Confidence Interval – a reliability measure provided for an estimated value or parameter.

Energetic Adding – The addition of two decibel levels. Since a decibel is 10 times the logarithm of a value, the energetic addition would be:

$$L_p = 10 \log_{10} \left( 10^{L_{p1}/10} + 10^{L_{p2}/10} \right)$$

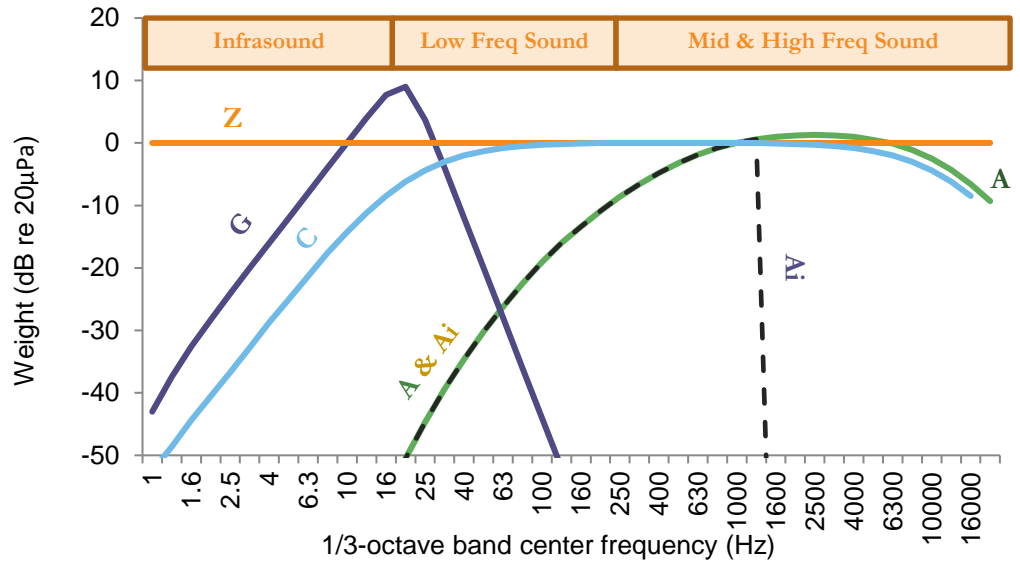
Where  $L_p$  is the total level, and  $L_{p1}$  and  $L_{p2}$  are the levels to be added.

Frequency In acoustics, the number of times in a second one cycle of a waveform passes a fixed space. The perceived pitch of a sound is proportional to its frequency. The relationship between wavelength and frequency is dependent on the speed of sound.

$$f = \frac{c}{\lambda}$$

where  $\lambda$  is wavelength,  $c$  is the speed of sound, and  $f$  is frequency. The typical hearing range for young healthy individuals is roughly between frequencies of 20 Hz (1 Hertz is one cycle per second) and 20,000 Hz (also designated as 20 kHz, where 1 kHz is one thousand cycles per second).

- G** The proportion of ground that is considered porous, as defined under ISO 9613-2. For example,  $G = 1$  represents all porous ground,  $G = 0$  represents all hard ground, and  $G = 0.5$  represents half-porous and half-hard ground.
- IEC 61400-11** The International Electrotechnical Commission standard, “Wind turbines – Part 11: Acoustic noise measurement techniques.” This is the industry standard for measuring the sound power, uncertainty, and tonality from wind turbines. The measurement procedures defined in this standard are different in some respects from those that would be adopted for noise assessment in community noise studies.
- Infrasound** Sound that is of such low frequency that it is not readily audible by humans at nominal levels – generally considered to be below 20 Hz (Figure 181)
- ISO 9613** The International Standards Organization Standard ISO 9613, “Acoustics – Attenuation of sound during propagation outdoors”. The standard is used to predict how sound propagates outdoors. It is currently the standard used by most noise control engineers in the U.S. to predict wind turbine sound levels in communities. Part 1 of the standard estimates atmospheric attenuation, and Part 2 uses the results from Part 1 with sound emissions from the source and propagation path factors to estimate sound levels at some distance from the source.
- $L_{A,NS}$**  The “insect” A- weighted response.  $L_{ANS}$  is used to filter out biogenic sounds, by eliminating all sounds at and above the 1,600 Hz 1/3-octave band. (ANS S12.100) (see Figure 181).



**FIGURE 181: SOUND WEIGHTING SCHEMES**

- $L_F$  Fast-response sound level, where the exponential response time is set to 125 ms. A sound level meter set to Fast-response is relatively faster to respond to rapidly changing sound levels, such as amplitude modulation close to a typical wind turbine. For example, it is used in the Maine DEP wind turbine regulations to assess “short duration repetitive sounds”, i.e. amplitude modulation depth. It can be expressed as an instantaneous level, in a percentile, or in a statistic such as a one-second  $L_{Fmax}$ , for example. (See “sound level meter response”)
- $L_{Fmax (1-sec)}$  The A-weighted, fast-response maximum sound level, as measured over a one-second period, in decibels.
- $L_I$  The impulse response sound level, in decibels. (See “sound level meter response”).
- $L_C$  The C-weighted sound level. This weighting was developed to represent the human response to high-energy sounds. It is relatively flat in the audible range (see Figure 181).
- $L_{Ci}$  The C-weighted sound level filtered to eliminate sound above 1,250 Hz.
- $L_{eq}$  Equivalent average sound level. The average of the mean square sound *pressure* over an entire monitoring period and expressed as a decibel:

$$Leq_T = 10 * \log_{10} \left( \frac{1}{T} \int_{\theta}^T p_A^2(t) dt / p_{ref}^2 \right)$$

where  $p_A^2$  is the squared instantaneous weighted sound pressure signal, as a function of elapsed time  $t$ ,  $p_{ref}$  is the reference pressure of 20  $\mu$ Pa, and  $T$  is the stated time interval. The reference pressure of 20  $\mu$ Pa is used for all measurements in this document.

The monitoring period,  $T$ , can be for any defined length of time. It could be one second ( $L_{eq\ 1-sec}$ ), one hour ( $L_{1h}$ ), eight hours ( $L_{8h}$ ), or 24 hours ( $L_{24h}$ ). Because  $L_{eq}$  is a logarithmic function of the average pressure, loud and infrequent sounds have a greater effect on the resulting  $L_{eq}$  than quieter and more frequent sounds.

The  $L_{eq}$  is the most commonly used metric in environmental sound regulations for wind turbines, including IEC 61400-11 test procedures for wind turbines.

$L_G$	The G-weighted sound level. This is a weighting relative to the perception and annoyance of infrasound (see Figure 181).
$L_n$	See “n <sup>th</sup> percentile”
$L_p$	See “Sound Pressure Level”
$L_S$	Slow response sound level, where the exponential response time is set to 1.0 second. This is a relatively slower response time to Fast and results in a longer rise and fall time in the displayed sound level. The five-second instantaneous A-weighted $L_S$ is the metric currently used by MassDEP for compliance monitoring. $L_S$ is often used in local sound regulations as it tends to filter short-term contamination by responding more slowly to rapidly changing sound levels, and is easier to read on a sound level meter display. (See “sound level meter response”)
$L_w$	See “Sound Power Level”
$L_Z$	The Z-weighted sound level has zero weighting; un-weighted. The units are dBZ or dB(Z). This is sometimes seen elsewhere as dB, dB(L) (linear), or dB(F) (flat).
	Logarithmic Addition – see “Energetic adding”.
	Low Frequency Sound – Sound with frequency content between 20 Hz and 200 Hz.
Measured	An observed quantity. In this report, we differentiate between measured values, for example, those that are logged by a sound level meter, and modeled values, such as those that are predicted by a sound propagation model.
m/s	Meters per second, a standard unit measuring wind speed.
ms	Milliseconds; one thousandth of a second

- $n^{\text{th}}$  Percentile** In statistics, the value which represents the highest  $n^{\text{th}}$  percent of a series of values. For example, in 100 measurements sorted from high to low, the 10<sup>th</sup> percentile would be the 90<sup>th</sup> measurement down from the top. That is, 10 percent of the observations fall below that value. In acoustics, the  $n^{\text{th}}$  percentile level is the level exceeded  $n$  percent of the time, which is the opposite of the statistical definition. Thus, the acoustic  $L_{90}$  represents the statistical 10<sup>th</sup> percentile level. In this document, if we use “ $n^{\text{th}}$  percentile” it will refer to the statistical definition, and if we use “ $L_n$ ”, it refers to the acoustical definition.  $L_{50}$  is the median sound level.
- Octave bands** An octave is a band of frequencies whose lower frequency limit is one half of its upper frequency limit. An octave-band is identified by its center frequency. As an example, the 500 Hz octave band is the range which includes frequencies between 360 Hz and 720 Hz. An octave higher would be twice this. That is, it would be centered at 1,000 Hz with a range between 720 and 1,440 Hz. The range of human hearing is divided into 10 standardized octave-bands: 31.5 Hz, 63 Hz, 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, and 16 kHz. For analyses that require even further frequency detail, each octave-band divided into equal parts, such as 1/3-octave-bands.
- p** A measure of statistical significance. “p” is the probability that the relationship you have observed in the sample data is due to random chance alone. That is, it is the probability that there is no relationship. A very small p-value means that it is extremely unlikely that this relationship is not real. Researchers often use cut-offs of 0.01 to 0.10 as a measure to determine what is “statistically significant.” In this report, a p-value less than 0.05 will be reported as significant.
- Precision** The repeatability of measuring the same value if conditions stay the same.
- R-squared,  $R^2$**  A statistical measure which represents the proportion of the variance in a variable explained by other independent variables. R-squared varies from 0 (no relation between the variables) to 1 (perfect correlation between the variables).
- Relative standard** – A regulatory standard based on some number of decibels above a background level. For example, “10 dB above the background  $L_{\text{eq}}$ ”.
- rms** Root mean squared. The square root of the arithmetic mean of the squares of a set of values.

Site The entire area of a wind turbine project and its surroundings.

Sound [Pressure] Level – the sound pressure level as measured in decibels:

$$L_p \text{ (in dB)} = 10 \log_{10} \left( \frac{p}{p_{ref}} \right)^2$$

where  $p$  is the sound pressure in Pascals and  $p_{ref}$  is the reference sound pressure of 20  $\mu$ Pa. All sound pressure levels shown in this document use this  $p_{ref}$ .

Sound level meter response – The rate at which a sound level meter display can change related to a change in actual sound level. Sound levels vary over time. In fact, the variation is so fast, that one would not be reliably able to read the level on a sound level meter. For that reason, the displayed sound level is damped in time, to make it readable.

There are three standard time responses available on most sound level meters: Slow, Fast, and Impulse (see “Ls”, “LF”, and “Li”, respectively). Fast response has a time constant of 125 ms. This response is similar to the response of the human ear. The Slow response has a time constant of 1 second. This is often used in environmental noise measurement because its slow rise and fall time eliminates very short spikes in noise that are not related to the measurement. The Impulse response has a very fast rise time of 35 ms and a slow decay time of 1.5 seconds. It is rarely used in environmental noise measurements, but can be used with other metrics to evaluate the impulsivity of a sound event.

Fast, slow, and impulse sound levels cannot be averaged over time, since they are not representative of the actual sound level over time. They are simply applied to the actual sound level to slow the meter reading. A true energy average can be calculated using the  $L_{eq}$  metric, which is independent of the sound level meter response setting (see “ $L_{eq}$ ”).

Sound Power Level – The level of sound power (sound generation) of a source, independent of environmental factors, measured in decibels:

$$L_w \text{ (in dB)} = 10 \log_{10} \left( \frac{w}{w_{ref}} \right)^2$$

where  $w$  is the sound power measured in Watts and  $w_{ref}$  is the reference sound power of  $10^{-12}$  Watts. A simple way of thinking about the difference between sound pressure and sound power is by the analogy of a light bulb: the sound pressure is similar to the lumens of light measured in a certain place under specific

conditions, while the sound power would be equivalent to the wattage rating of the bulb, which does not change.

**Sound Speed Profile** – The change of the speed of sound as a function of height above ground. Within about 200 meters of the ground, the sound speed profile is most affected by the vector wind speed (combining wind speed and direction) by height and the temperature profile. Sound travels faster in warmer air.

**Spectrum** The components of a sound broken down in to individual frequencies.

**Standard Deviation** – A measure of the variability or dispersion of a given value in a population. Standard deviation can be estimated from a subset (sample) of a given population.

**Temperature Lapse Rate** – The rate at which temperature decreases with increasing height above ground.

**Tonal Sound** - Sound where narrow frequency band(s) are pronounced, such as in alarms, sirens, squeals, and horns.

**Trend Line** The best fit line through a series of points on a graph, such as through a regression or least squares approach. The trend line can be straight (linear) or based on a curve, such as logarithmic, exponential, or polynomial. The trend line shows the estimated relationship between an independent and dependent variable, such as the relationship between wind speed and sound level. (See also R-squared)

**Turbine [Only] Sound Level** – the estimated sound level due to a wind turbine alone. It can be either modeled from the sound power profile of the particular wind turbine and propagation characteristics, or estimated by subtracting background sound from measured Turbine-on sound level. The Turbine [only] sound level does not include any background sound.

**Turbulence Intensity** – The standard deviation of the wind speed divided by the mean wind speed, over a defined period. The IEC 61400-1 turbulence model uses a period of 10-minutes over which to calculate the mean and standard deviation. However, other lengths of time can be used for different purposes.

**Unattended monitoring** – Sound monitoring where a sound level meter and associated equipment is left unattended for some length of time. Data are post-processed to filter out events not associated with the target source. Sound recordings may be taken along with the logged sound levels to aid in identification of different sources of sound.



Wind Shear The change in wind speed with height. Higher shear represents higher wind speeds aloft compared with closer to the ground.

Wind Shear Exponent – A quantification of the vertical wind shear between two levels of the atmospheric boundary layer. Derived from the wind shear power law, the function of the vertical wind speed profile is expressed as,

$$\alpha = \frac{\ln \frac{v}{v_0}}{\ln \frac{z - dh}{zh_0 - d}}$$

where:

$\alpha$  is the wind shear power law exponent;

$v$  and  $v_0$  are the wind speeds at heights  $z$  and  $z_0$ , above ground level respectively;

$d$  represents the displacement height above ground level to account for the decoupling of the winds throughout the tree canopy. For simplicity throughout this analysis, the displacement height is assumed to be zero for all sites.

## APPENDIX H: CALIBRATION CERTIFICATES

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# Calibration Certificate

Certificate Number 2014002019

**Customer:**

Resource Systems Group

55 Railroad Row

White River Junction, VT 05001, United States

<b>Model Number</b>	831	<b>Procedure Number</b>	D0001.8378
<b>Serial Number</b>	0002845	<b>Technician</b>	Jason Cardwell
<b>Test Results</b>	<b>Pass</b>	<b>Calibration Date</b>	13 Aug 2014
<b>Initial Condition</b>	Inoperable	<b>Calibration Due</b>	
<b>Description</b>	Larson Davis Model 831	<b>Temperature</b>	23.23 °C ± 0.01 °C
		<b>Humidity</b>	48.7 %RH ± 0.5 %RH
		<b>Static Pressure</b>	86.33 kPa ± 0.03 kPa

**Evaluation Method** Tested electrically using PRM831 S/N 021382 and a 12.0 pF capacitor to simulate microphone

**Compliance Standards** Compliant to Manufacturer Specifications and the following standards:

IEC 60651:2001 Type 1	ANSI S1.4 (R2006) Type 1
IEC 60804:2000 Type 1	ANSI S1.11 (R2009) Class 1
IEC 61252:2002	ANSI S1.25 (R2007)
IEC 61260:2001 Class 1	ANSI S1.43 (R2007) Type 1
IEC 61672:2013 Class 1	

Larson Davis, a division of PCB Piezotronics, Inc. certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST), or other national measurement institutes.

The quality system is registered to ISO 9001:2008.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances will be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

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## Standards Used

Description	Cal Date	Cal Due	Cal Standard
Hart Scientific 2626-S Humidity/Temperature Sensor	05/16/2014	05/16/2015	006943
SRS DS360 Ultra Low Distortion Generator	11/16/2013	11/16/2014	007167

Larson Davis, a division of PCB Piezotronics, Inc  
1681 West 820 North  
Provo, UT 84601, United States  
716-684-0001

 **LARSON DAVIS**  
A PCB PIEZOTRONICS DIV.

**ENVIRONMENTAL CONDITIONS**

Temperature	20.8 °C	Relative humidity	19%	Ambient pressure	1021 hPa
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**TEST EQUIPMENT**

Item	Manufacturer	Model	Serial no.	Description
1.	SVANTEK	SVAN 401	100	Signal generator
2.	SVANTEK	SVAN 912A	9537	Sound & Vibration Analyser
3.	KEITHLEY	2000	0910165	Digital multimeter
4.	SVANTEK	SV30A	7449	Acoustic calibrator
5.	SVANTEK	ST02	-	Microphone equivalent electrical impedance (189F)
6.	DYWIDAN	3235A	430	Reference accelerometer

**CONFORMITY & TEST DECLARATION**

1. Herewith Svantek company declares that this instrument has been calibrated and tested in compliance with the internal ISO9001 procedures and meets all specification given in the Manual(s) or respectively surpass them.
2. The acoustic calibration was performed using the Sound Calibrator and is traceable to the GUM (Central Office of Measures) reference standard - sound level calibrator type 4231 No 2292773.
3. The vibrational calibration was performed using the Back-to-Back Comparison method and is traceable to the GUM (Central Office of Measures) reference standard - accelerometer type 8305 No 1435233.
4. The information appearing on this sheet has been compiled specifically for this instrument. This form is produced with advanced equipment & procedures which permit comprehensive quality assurance verification of all data supplied herein.
5. This calibration sheet shall not be reproduced except in full, without written permission of the SVANTEK Ltd.

Calibration specialist: Wacław Skarżycki



Test date: 2014-03-12



ISO9001 certified

**FACTORY CALIBRATION DATA OF THE SVAN 979 No. 34091**

with preamplifier SVANTEK type SV17 No. 33208 and microphone G.R.A.S. type 40AE No. 183349.

**SOUND LEVEL METER**

**1. CALIBRATION (electrical)**

LEVEL METER function: Characteristic: A;  $f_{min}$  = 1kHz; Input signal = 114 dB;

Range	Low (120dB)	High (137dB)
Indication (dB)	114.0	114.0
Error (dB)	-0.0	-0.0

**2. CALIBRATION\* (acoustical)**

LEVEL METER function: Range: High; Reference frequency: 1000Hz; Sound Pressure Level: 114.04 dB.

Characteristic	Correct value [dB]	Indication [dB]	Error [dB]
Z	113.86	113.96	0.10
A	113.86	113.96	0.10
C	113.86	113.96	0.10

Calibration measured with the microphone G.R.A.S. type 40AE No. 183349 Calibration factor: -1.22 dB.

**3. LINEARITY TEST\* (electrical)**

LEVEL METER function: Range: Low; Characteristic: A;  $f_{min}$  = 31.5 Hz

Nominal result LEQ [dB]	20.0	21.0	22.0	30.0	40.0	60.0	80.0
Error [dB]	0.2	0.2	0.1	0.0	0.0	0.0	0.0

LEVEL METER function: Range: Low; Characteristic: A;  $f_{min}$  = 1000 Hz

Nominal result LEQ [dB]	20.0	21.0	22.0	30.0	40.0	60.0	80.0	100.0	120.0
Error [dB]	0.1	0.1	0.0	-0.1	-0.1	-0.0	-0.0	-0.0	-0.0

LEVEL METER function: Range: Low; Characteristic: A;  $f_{min}$  = 8000 Hz

Nominal result LEQ [dB]	20.0	21.0	22.0	30.0	40.0	60.0	80.0	100.0	119.0
Error [dB]	0.1	0.1	0.1	-0.1	-0.1	-0.0	-0.0	0.0	0.0

LEVEL METER function: Range: High; Characteristic: A;  $f_{min}$  = 31.5 Hz

Nominal result LEQ [dB]	28.0	29.0	30.0	40.0	60.0	80.0	97.0
Error [dB]	0.0	0.1	0.1	0.0	0.0	-0.0	0.0

LEVEL METER function: Range: High; Characteristic: A;  $f_{min}$  = 1000 Hz

Nominal result LEQ [dB]	28.0	29.0	30.0	40.0	60.0	80.0	100.0	120.0	137.0
Error [dB]	0.1	0.1	0.0	0.0	-0.0	-0.0	0.0	-0.0	0.0

LEVEL METER function: Range: High; Characteristic: A;  $f_{min}$  = 8000 Hz

Nominal result LEQ [dB]	28.0	29.0	30.0	40.0	60.0	80.0	100.0	120.0	136.0
Error [dB]	0.1	0.2	0.4	-0.0	-0.0	0.0	0.0	0.0	0.0

1/3 OCTAVE (1kHz); Range: High;  $f_{min}$  = 1000 Hz

Nominal result [dB]	35.0	40.0	60.0	80.0	100.0	120.0	135.0	137.0
Error [dB]	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

#### 4. TONE BURST RESPONSE\*

LEVEL METER function; Characteristic: A;  $f = 4000$  Hz; Burst duration: 2s

Range: Low; Steady level nominal result = 117dB

Result	Detector	Duration [ms]											
		1000	500	200	100	50	20	10	5	2	1	0.5	0.25
MAX	Fast	117.0	116.9	116.0	114.4	112.2	108.7	105.8	102.9	99.0	95.9	92.9	89.9
	Slow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Error [dB]	115.0	112.9	109.6	106.8	103.9	100.0	97.0	94.0	90.0	87.0	84.0	81.0
SEL	Fast	117.0	114.0	110.0	107.0	104.0	100.0	97.0	94.0	90.0	86.9	83.9	80.9
	Slow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Error [dB]	115.0	113.0	110.0	107.0	104.0	100.0	97.0	94.0	90.0	86.9	83.9	80.9

Range: Low; Steady level nominal result = 57dB

Result	Detector	Duration [ms]										
		1000	500	200	100	50	20	10	5	2	1	0.5
MAX	Fast	57.0	56.9	56.0	54.4	52.2	48.7	45.9	42.9	39.0	35.9	32.9
	Slow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Error [dB]	55.0	53.0	49.6	46.8	43.9	40.0	37.0	34.0	30.1	27.0	24.0
SEL	Fast	57.0	54.0	50.0	47.0	44.0	40.0	37.0	34.0	30.0	27.0	24.0
	Slow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Error [dB]	55.0	53.0	49.6	46.8	43.9	40.0	37.0	34.0	30.0	27.0	24.0

Range: Low; Steady level nominal result = 32dB

Result	Detector	Duration [ms]	
		1000	200
MAX	Fast	32.0	31.8
	Slow	0.0	0.0
	Error [dB]	30.0	27.9
SEL	Fast	32.0	28.9
	Slow	0.0	0.0
	Error [dB]	30.0	25.0

Range: High; Steady level nominal result = 134dB

Result	Detector	Duration [ms]											
		1000	500	200	100	50	20	10	5	2	1	0.5	0.25
MAX	Fast	134.0	133.9	133.0	131.4	129.2	125.7	122.8	119.9	116.0	112.9	109.9	106.9
	Slow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Error [dB]	132.0	129.9	126.6	123.8	120.9	117.0	114.0	111.0	107.0	104.0	101.0	98.0
SEL	Fast	134.0	131.0	127.0	124.0	121.0	117.0	114.0	111.0	107.0	103.9	100.9	97.9
	Slow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Error [dB]	132.0	130.0	127.0	124.0	121.0	117.0	114.0	111.0	107.0	103.9	100.9	97.9

Range: High; Steady level nominal result = 54dB

Result	Detector	Duration [ms]			
		1000	200	100	50
MAX	Fast	54.0	53.9	53.0	51.4
	Slow	0.0	0.0	0.0	0.0
	Error [dB]	52.0	49.9	46.6	43.7
SEL	Fast	54.0	51.0	47.0	44.0
	Slow	0.0	0.0	0.0	0.0
	Error [dB]	52.0	50.0	46.7	43.8

Range: High; Steady level nominal result = 40dB

Result	Detector	Duration [ms]	
		1000	200
MAX	Fast	40.0	39.0
	Slow	0.0	0.0
	Error [dB]	38.0	36.1
SEL	Fast	40.0	37.1
	Slow	0.0	0.0
	Error [dB]	38.0	35.0

#### 5. FREQUENCY RESPONSE\* (electrical)

LEVEL METER function; Characteristic: Z; Range: High; Input signal = 135 dB;



Measured Filter Response with Preamplifier SV17 (f-Frequency, L-Level)

f [Hz]	L [dB]	f [Hz]	L [dB]	f [Hz]	L [dB]
10	-0.2	63	-0.0	4000	-0.0
12.5	-0.1	125	-0.0	8000	0.0
16	-0.0	250	0.0	16000	0.0
20	-0.0	500	0.0	32000	0.0
25	-0.0	1000	-0.0	-	-
31.5	-0.0	2000	-0.0	-	-

All frequencies are nominal center values for the 1/3 octave bands

#### 6. INTERNAL NOISE LEVEL\* (electrical - compensated)

LEVEL METER function; Range: Low; (Back-light - off); Calibration factor: 0dB

Characteristic	Z	A	C
Level [dB]	<20	<10	<11

\* measured with preamplifier SVANTEK type SV17 No. 33708.

#### 7. INTERNAL NOISE LEVEL (acoustical - compensated)

LEVEL METER function; Characteristic: A; (Back-light - off)

Range	Low	High
Indication [dB]	<12	7.7

Noise measured in special chamber, with reference microphone G.R.A.S type 40AN No. 73421

#### VIBRATION LEVEL METER

##### 1. CALIBRATION (electrical)

LEVEL METER function; Characteristic: HP10;  $f = 79.577$  Hz; Input signal = 140dB;

Range	Low	High
Indication [dB]	140.0	140.0
Error [dB]	-0.0	-0.0

##### 2. CALIBRATION (vibrational)

LEVEL METER function; Range: High; Input signal: 120dB;

Characteristic	Reference frequency [Hz]	Correct value [dB]	Indication [dB]	Error [dB]
HP1	79.577	120.0	120.1	0.1
HP10	79.577	120.0	120.1	0.1
H-A	79.577	106.1	106.2	0.1
W-BSS	15.915	102.0	102.0	-0.0
W-Bc	15.915	110.6	110.5	-0.0

Calibration measured with the accelerometer DYTRAN type 318SD No. 2327. Calibration factor: -0.2dB

##### 3. FREQUENCY RESPONSE (electrical)

1/3 OCTAVE function; Characteristic: HP; Range: High; Input = 175 dB;



f [Hz]	L [dB]	f [Hz]	L [dB]	f [Hz]	L [dB]
10	-0.2	63	0.0	4000	0.0
12.5	0.0	125	0.0	8000	0.0
16	0.0	250	0.0	16000	0.0
20	0.0	500	0.0	32000	0.0
25	0.0	1000	0.0	-	-
31.5	0.0	2000	0.0	-	-

All frequencies are nominal center values for the 1/3 octave bands

##### 4. INTERNAL NOISE LEVEL (electrical)

LEVEL METER function; Range: Low; Back-light - off

Characteristic	HP1	HP10	H-A	WBc-y	WBc
Indication [dB]	50.8	50.7	34.6	40.9	40.9

# Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCCL Z540:1994 Part 1  
ACCREDITED by NVLAP (an ILAC MRA signatory)



NVLAP Lab Code: 200625-0

## Calibration Certificate No. 33062

**Instrument:** Sound Level Meter  
**Model:** SC310  
**Manufacturer:** Cesva  
**Serial number:** T220294  
**Tested with:** Microphone MP201 s/n 461062  
Preamplifier PA14 s/n 833  
**Type (class):** 1  
**Customer:** Resource Sytems Group  
**Tel/Fax:** 802-295-4999 ext.1428 /

**Date Calibrated:** 1/15/2015 **Cal Due:**  
**Status:**

Received	Sent
X	X

  
**In tolerance:**

X	X
---	---

  
**Out of tolerance:**

--	--

  
**See comments:**  
**Contains non-accredited tests:** \_\_ Yes X No  
**Calibration service:** \_\_ Basic X Standard  
**Address:** 55 Railroad Row White River  
Junction, VT 05001

**Tested in accordance with the following procedures and standards:**  
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012  
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

**Instrumentation used for calibration:** Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence	Cal. Due
				Cal. Lab / Accreditation	
483B-Norsonic	SME Cal Unit	31052	Oct 7, 2014	Scantek, Inc./ NVLAP	Oct 7, 2015
DS-360-SRS	Function Generator	33584	Sep 30, 2013	ACR Env./ A2LA	Sep 30, 2015
34401A-Agilent Technologies	Digital Voltmeter	US36120731	Oct 1, 2014	ACR Env. / A2LA	Oct 1, 2015
HM30-Thommen	Meteo Station	1040170/39633	Oct 3, 2014	ACR Env./ A2LA	Oct 3, 2015
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2014	Scantek, Inc./ NVLAP	Nov 10, 2015

**Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).**

### Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.4	100.24	36.4

Calibrated by:	Lydon Dawkins	Authorized signatory:	Mariana Buzduga
Signature		Signature	
Date	1/15/2015	Date	1/15/2015

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory. This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

# Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1  
ACCREDITED by NVLAP (an ILAC MRA signatory)



NVLAP Lab Code: 200625-0

## Calibration Certificate No. 32829

**Instrument:** Sound Level Meter  
**Model:** SC310  
**Manufacturer:** Cesva  
**Serial number:** T221731\_10364  
**Tested with:** Microphone MP201 s/n 511699  
Preamplifier PA14 s/n 360  
**Type (class):** 1  
**Customer:** Resource Systems Group, Inc.  
**Tel/Fax:** 802-295-4999 / 802-295-1006

**Date Calibrated:** 12/10/2014 **Cal Due:**  
**Status:**

Received	Sent
X	X

  
**In tolerance:**

X	X
---	---

  
**Out of tolerance:**

--	--

  
**See comments:**  
**Contains non-accredited tests:** \_\_\_ Yes X No  
**Calibration service:** \_\_\_ Basic X Standard  
**Address:** 55 Railroad Row, White River  
Junction, VT 05001

**Tested in accordance with the following procedures and standards:**  
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012  
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

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DS-360-SRS	Function Generator	33584	Sep 30, 2013	ACR Env./ A2LA	Sep 30, 2015
34401A-Agilent Technologies	Digital Voltmeter	US36120731	Oct 1, 2014	ACR Env. / A2LA	Oct 1, 2015
HM30-Thommen	Meteo Station	1040170/39633	Oct 3, 2014	ACR Env./ A2LA	Oct 3, 2015
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2014	Scantek, Inc./ NVLAP	Nov 10, 2015

**Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).**

**Environmental conditions:**

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.6	99.45	37.1

Calibrated by:	Lydon Dawkins	Authorized signatory:	Valentin Buzduga
Signature	<i>Lydon Dawkins</i>	Signature	<i>Valentin Buzduga</i>
Date	12/10/2014	Date	12/10/2014

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This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

# Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCCL Z540:1994 Part 1  
ACCREDITED by NVLAP (an ILAC MRA signatory)



NVLAP Lab Code: 200625-0

## Calibration Certificate No. 32419

**Instrument:** Sound Level Meter  
**Model:** SC310  
**Manufacturer:** Cesva  
**Serial number:** T224253  
**Tested with:** Microphone C-250 s/n 141  
Preamplifier PA14 s/n 274  
**Type (class):** 1  
**Customer:** Resource Systems Group, Inc.  
**Tel/Fax:** 802-295-4999 / 802-295-1006

**Date Calibrated:** 10/3/2014 **Cal Due:**  
**Status:**

Received	Sent
X	X

  
**In tolerance:**

X	X
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**Out of tolerance:**

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**See comments:**  
**Contains non-accredited tests:**  Yes  No  
**Calibration service:**  Basic  Standard  
**Address:** 55 Railroad Row, White River  
Junction, VT 05001

**Tested in accordance with the following procedures and standards:**  
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012  
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

**Instrumentation used for calibration:** Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence	Cal. Due
				Cal. Lab / Accreditation	
483B-Norsonic	SME Cal Unit	31052	Oct 7, 2013	Scantek, Inc./ NVLAP	Oct 7, 2014
DS-360-SRS	Function Generator	33584	Sep 30, 2013	ACR Env./ A2LA	Sep 30, 2015
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Sep 4, 2014	ACR Env. / A2LA	Sep 4, 2015
DPI141-Druck	Pressure Indicator	790/00-04	Nov 21, 2012	ACR Env./ A2LA	Nov 21, 2014
HMP233-Vaisala Oyj	Humidity & Temp. Transmitter	V3820001	Mar 17, 2014	ACR Env./ A2LA	Sep 17, 2015
PC Program 1019 Norsonic	Calibration software	v.5.2	Validated Mar 2011	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 8, 2013	Scantek, Inc./ NVLAP	Nov 8, 2014

**Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).**

### Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.1 °C	100.4 kPa	47.8 %RH

Calibrated by:	Lydon Dawkins	Authorized signatory:	Mariana Buzduga
Signature		Signature	
Date	10/03/2014	Date	10/3/2014

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**Scantek, Inc.**

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCCL Z540:1994 Part 1  
ACCREDITED by NVLAP (an ILAC MRA signatory)

**NVLAP**<sup>®</sup>

NVLAP Lab Code: 200625-0

## Calibration Certificate No. 32871

**Instrument:** Sound Level Meter  
**Model:** SC310  
**Manufacturer:** Cesva  
**Serial number:** T224789\_10472  
**Tested with:** Microphone C-130 s/n 10462  
Preamplifier PA13 s/n 1349  
**Type (class):** 1  
**Customer:** Resource Systems Group, Inc.  
**Tel/Fax:** 802-295-4979 x1428 /

**Date Calibrated:** 12/12/2014 **Cal Due:**  
**Status:**

Received	Sent
X	X

  
**In tolerance:**

X	X
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**Out of tolerance:**

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**See comments:**  
**Contains non-accredited tests:**  Yes  No  
**Calibration service:**  Basic  Standard  
**Address:** 55 Railroad Row, White River  
Junction, VT 05001

**Tested in accordance with the following procedures and standards:**  
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012  
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011


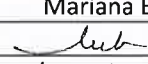
**Instrumentation used for calibration:** Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence	Cal. Due
				Cal. Lab / Accreditation	
483B-Norsonic	SME Cal Unit	31052	Oct 7, 2014	Scantek, Inc./ NVLAP	Oct 7, 2015
DS-360-SRS	Function Generator	33584	Sep 30, 2013	ACR Env./ A2LA	Sep 30, 2015
34401A-Agilent Technologies	Digital Voltmeter	US36120731	Oct 1, 2014	ACR Env. / A2LA	Oct 1, 2015
HM30-Thommen	Meteo Station	1040170/39633	Oct 3, 2014	ACR Env./ A2LA	Oct 3, 2015
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2014	Scantek, Inc./ NVLAP	Nov 10, 2015

**Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).**

**Environmental conditions:**

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.7	100.22	33.3

Calibrated by:	Lydon Dawkins	Authorized signatory:	Mariana Buzduga
Signature		Signature	
Date	12/12/2014	Date	12/12/2014

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# Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCCL Z540:1994 Part 1  
ACCREDITED by NVLAP (an ILAC MRA signatory)



NVLAP Lab Code: 200625-0

## Calibration Certificate No. 31502

**Instrument:** Sound Level Meter  
**Model:** SC310  
**Manufacturer:** Cesva  
**Serial number:** T231914\_10294  
**Tested with:** Microphone MP201 s/n 511699  
Preamplifier PA14 s/n 360  
**Type (class):** 1  
**Customer:** Resource Systems Group, Inc.  
**Tel/Fax:** 802-295-4999 / 802-295-1006

**Date Calibrated:** 6/11/2014 **Cal Due:**  
**Status:**

Received	Sent
	X

  
**In tolerance:**

	X
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**Out of tolerance:**

X	
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**See comments:** X  
**Contains non-accredited tests:**    Yes X No  
**Calibration service:**    Basic X Standard  
**Address:** 55 Railroad Row White River  
Junction, VT 05001

**Tested in accordance with the following procedures and standards:**  
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012  
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

**Instrumentation used for calibration:** Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence	Cal. Due
				Cal. Lab / Accreditation	
483B-Norsonic	SME Cal Unit	31052	Oct 7, 2013	Scantek, Inc./ NVLAP	Oct 7, 2014
DS-360-SRS	Function Generator	33584	Sep 30, 2013	ACR Env./ A2LA	Sep 30, 2015
34401A-Agilent Technologies	Digital Voltmeter	US36120731	Sep 30, 2013	ACR Env. / A2LA	Sep 30, 2014
HM30-Thommen	Meteo Station	1040170/39633	Sep 30, 2013	ACR Env./ A2LA	Sep 30, 2014
PC Program 1019 Norsonic	Calibration software	v.5.2	Validated Mar 2011	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 8, 2013	Scantek, Inc./ NVLAP	Nov 8, 2014

**Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).**

**Environmental conditions:**

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
22.1 °C	99.340 kPa	53.5 %RH

Calibrated by:	Lydon Dawkins	Authorized signatory:	Mariana Buzduga
Signature		Signature	
Date	6/11/2014	Date	6/16/2014

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# Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1  
ACCREDITED by NVLAP (an ILAC MRA signatory)



NVLAP Lab Code: 200625-0

## Calibration Certificate No. 33064

**Instrument:** Sound Level Meter  
**Model:** SC310  
**Manufacturer:** Cesva  
**Serial number:** T235260  
**Tested with:** Microphone C-130 s/n 12123  
Preamplifier PA13 s/n 3336  
**Type (class):** 1  
**Customer:** Resource Sytems Group  
**Tel/Fax:** 802-295-4999 ext.1428 /

**Date Calibrated:** 1/15/2015 **Cal Due:**  
**Status:**

Received	Sent
X	X

  
**In tolerance:**

X	X
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**Out of tolerance:**

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**See comments:**  
**Contains non-accredited tests:** \_\_\_ Yes X No  
**Calibration service:** \_\_\_ Basic X Standard  
**Address:** 55 Railroad Row White River  
Junction, VT 05001

**Tested in accordance with the following procedures and standards:**  
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012  
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

**Instrumentation used for calibration:** Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence	Cal. Due
				Cal. Lab / Accreditation	
483B-Norsonic	SME Cal Unit	31052	Oct 7, 2014	Scantek, Inc./ NVLAP	Oct 7, 2015
DS-360-SRS	Function Generator	33584	Sep 30, 2013	ACR Env./ A2LA	Sep 30, 2015
34401A-Agilent Technologies	Digital Voltmeter	US36120731	Oct 1, 2014	ACR Env. / A2LA	Oct 1, 2015
HM30-Thommen	Meteo Station	1040170/39633	Oct 3, 2014	ACR Env./ A2LA	Oct 3, 2015
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2014	Scantek, Inc./ NVLAP	Nov 10, 2015

**Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).**

### Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.6	100.22	36.2

Calibrated by:	Lydon Dawkins	Authorized signatory:	Mariana Buzduga
Signature		Signature	
Date	1/15/2015	Date	1/15/2015

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