DECATURY BATTERY ENERGY STORAGE FACILITY

Exhibit A-1.7 SOUND REPORT AND MONITORING PROTOCOL

Table of Contents

Appendices

EXHIBIT A-1.7 – SOUND REPORT AND MONITORING PROTOCOL

A-1.7.a – Submit a report detailing the sound modeling results along with proposed preconstruction (optional) and postconstruction sound monitoring plans to be completed upon receipt of a siting certificate from the Commission as well as mitigation plans to ensure that sound emitted from the facilities will remain below the statutory limit throughout the operational life of the facilities. An overview of the sound report requirements is provided below.

1. **Sound modeling must be conducted following the requirements of International Organization for Standardization (ISO) 9613-2 (2024), "Engineering method for the prediction of sound pressure levels outdoors."**
2. **The purpose of the Sound Report is to provide the Commission with information necessary to assess if the facility meets the noise limits defined in MCL 460. 1226.**
3. **All sound studies shall be completed by or under the direction of a qualified noise control engineer whose qualifications are documented in the report.**
4. **The sound monitoring should generally follow the requirements of the American National Standards Institute (ANSI) S12.18 and ANSI S12.9 Part 3, where applicable.**
5. **Reporting shall include, but is not limited to, the following:**

    Facility Description

    Maps and descriptions of sources and monitoring locations, including the distance from each to the nearest facility equipment.

    Sound Modeling Results

    Sound Modeling Results Discussion including an assessment of the noise impacts and ability to meet MCL 460.1226.

6. Submit a Pre-construction Sound Monitoring Protocol (optional) in accordance with the guidance.

7. Submit a Post-construction Sound Monitoring Protocol in accordance with the guidance.

A sound report drafted by Hankard Environmental, a noise consultant based in Verona, Wisconsin, has been created in full compliance with all listed regulations and is available in **Exhibit A-1.7**. This report includes sound modeling results, conducted per ISO 9613-2 (2024) standards, to predict outdoor sound pressure levels, and ensures the facility meets the noise limits set by MCL 460.1226. Prepared under the direction of a qualified noise control engineer, the report follows ANSI standards S12.18 and S12.9 Part 3 for sound monitoring. The document includes a facility description, maps and descriptions of sound sources and monitoring locations, modeling results, and an assessment of compliance with noise limits. It also includes post-construction sound monitoring protocols as required.

Appendix 1.7-A:

SOUND REPORT AND MONITORING PROTOCOL (PRE-CONSTRUCTION NOISE ANALYSIS)

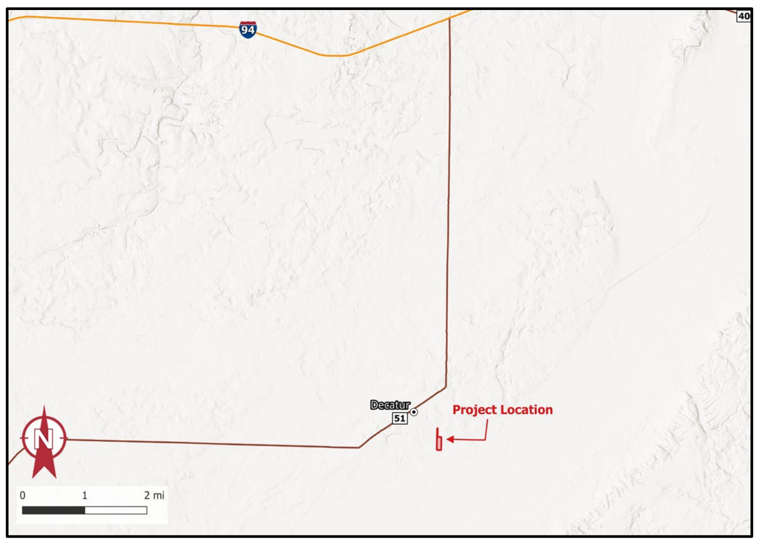
Pre-Construction Noise Analysis

for the

Decatur Battery Energy Storage System

Decatur, Michigan

July 17, 2026



Prepared for:

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HANKARD ENVIRONMENTAL
Acoustics and Vibration Consulting

Contents

Figures

Tables

Executive Summary

GlidePath Power Solutions is proposing to construct and operate the Decatur Battery Energy Storage System (Project, Facility), an electrical power battery storage facility consisting of an array of 44 Tesla Megapack 3 4H battery storage (BESS) units and inverters, 11 battery storage step-up transformers, and a substation with one primary step-up transformer, to be located in Decatur Township in Van Buren County, Michigan. At GlidePath's request, Hankard Environmental conducted an analysis of noise emissions from the Facility and their potential impact on surrounding land uses. The following summarizes the methods and results of the analysis.

- The Project will ultimately be designed to meet Michigan Compiled Laws (MCL) 460.1226, which limits noise from energy storage facilities to 55 dBA (1-hour L_{eq}) at the outer wall of the nearest dwelling (residence) located on an adjacent non-participating property.
- The locations of nearby noise-sensitive receptors were identified from address data and from a review of aerial and street view imagery. Residences are located on all sides of the Facility, with the nearest being located approximately 675 feet to the east.
- An acoustic model of noise emissions from the operation of the Facility was developed and used to predict noise levels at residences. The model is based on measurements conducted at operating BESS facilities, data provided by equipment manufacturers, and estimated noise emissions from the step-up transformers. The primary noise sources associated with the Facility are the BESS unit cooling systems, step-up transformer at the substation, and the small step-up transformers for each set of four BESS units.
- Noise levels were predicted in conformance of the draft Sound Report Guidelines (August 2024). This includes all of the parameters listed in Table 1 of the Guidelines, including adding 5 dBA to tonal sources.
- As currently designed, predicted noise levels at the nearest noise-sensitive receptors range from 37 to 56 dBA, with the top two receptors above the 55 dBA limit prescribed by the State of Michigan. It is expected that Tesla will release data for the new, quieter BESS unit prior to construction. This BESS unit will need to be 1 dBA quieter and exhibit non-tonal emissions in order to achieve compliance without further mitigation measures. Other potential mitigation measures include constructing a wall around the Facility, using less or different equipment, or by including residences in the Project using "good neighbor agreements." The exact form of noise impact reduction will be determined as design progresses.

1. Introduction and Description of Project

This report documents the results of a noise analysis conducted for the Decatur Battery Energy Storage System (Project, Facility), located in Decatur Township in Van Buren County, Michigan. As shown in Figure 1-1, the Facility is located to the southeast of Decatur, along E. South Street and S. George Street. The Project consists of an array of 44 inverters and battery storage units, 11 battery storage step-up transformers, and a substation with one primary step-up transformer. The primary noise sources associated with Project operations include the cooling fans on each inverter and BESS unit, small step-up transformers associated with each pair of BESS units, and the primary step-up transformer at the substation.

Hankard Environmental identified 596 potential noise-sensitive receptors within one mile of the Project. Figure 1-1 shows the closest receptors to the Project. The closest residence (R37) is approximately 675 feet east of the Facility, along S. George Street.

The terrain immediately surrounding the Project is relatively flat, consisting primarily of open fields, farmland, and some wooded areas to the east, west and south, and the Village of Decatur to the north. An existing substation is located to the west of the Facility, along with agricultural operations in the Project area.

A primer on acoustic terminology and noise levels can be found in Appendix A.

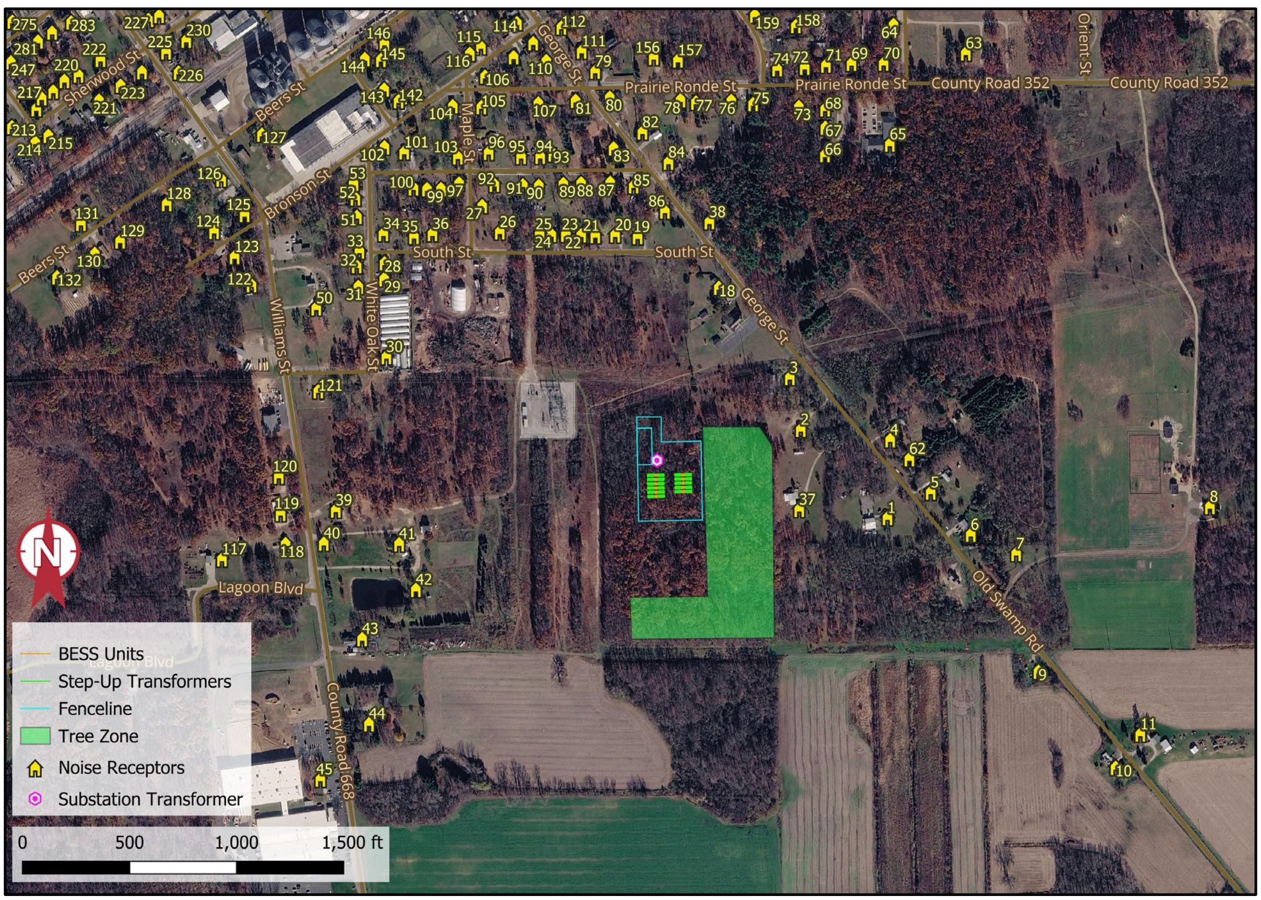

Figure 1-1. Decatur Battery Energy Storage System Layout and Environs

2. Applicable Regulations and Laws

There are no federal laws or regulations that apply to noise emissions from the Project. The Project is located in Decatur Township in Van Buren County, Michigan, and will ultimately be designed to comply with the noise limits defined by Michigan State House Bill 5120, i.e. Public Act 223 (PA 223), which provides siting authority to the Michigan Public Service Commission (MPSC or Commission) for utility-scale wind, solar, and energy storage facilities. Pursuant to PA 223, local jurisdictions with noise ordinances that are more restrictive than those defined by Michigan Compiled Laws (MCL) 460.1226 are not recognized. The noise-related requirements of MCL 460.1226 Subsection (8).(c).(iii) are provided below.

> *The energy storage facility does not generate a maximum sound in excess of 55 average hourly decibels as modeled at the nearest outer wall of the nearest dwelling located on an adjacent nonparticipating property. Decibel modeling shall use the A-weighted scale as designed by the American National Standards Institute.*

Additionally, on October 10, 2024 the MPSC issued PA 223 Application Filing Instructions and Procedures, which includes Attachment D - Sound Report Requirements. Attachment D outlines detailed modeling and measurement guidelines for pre-construction noise measurement reports. Because the 55 dBA noise limit is prescribed by MCL 460.1226 is assessed at the outer wall of the nearest dwellings, Table 1 of Attachment D requires a 6 dBA addition to free-field noise levels in order to account for pressure doubling at exterior facades. Additionally, Table 1 requires a 5 dBA addition to source sound power if the source is tonal.

3. Predicted Noise Levels During Operation

An acoustic model of the Project was developed using noise emission data provided by the manufacturer for the inverter fans and BESS units, and emission data for the transformers estimated using the procedures outlined in the Institute of Electrical and Electronics Engineers Standard C57.12.90-2021. The analysis included 44 Tesla Megapack 3 4H BESS and inverter units, 11 6.3-megavolt ampere (MVA) step-up transformers (assumed), and a 70 (MVA) primary step-up transformer.

3.1 Noise Modeling Methodology

To assess noise levels at the closest receptors during Facility operations, a three-dimensional, computer-generated acoustical model of the Project was developed using SoundPLAN® v9.1. Figure 3-1 provides a three-dimensional image of the acoustical model. The following provides a description of the input parameters used in the model.

Acoustical Modeling Standard. Acoustical modeling was based on ISO 9613-2:2024, "Attenuation of Sound during Propagation Outdoors," adopted by the International Organization for Standardization (ISO) in 1996 and last reviewed in 2024.

Meteorology. ISO 9613-2:2024 is designed to estimate far-field outdoor sound levels under favorable propagation conditions, with the wind blowing from the Facility toward receivers, or under well-developed temperature inversions which can occur on clear, calm nights. For other weather patterns, such as during upwind conditions, or for ground-based temperature inversions observed levels would generally be less than predicted.

Air Absorption. Attenuation of sound by air is dependent on a source's spectral character or frequency, as well as air temperature and to a lesser degree, relative humidity. Specific values used in the model for temperature (10°C), relative humidity (70%), and barometric pressure (1013 mbar) represent cold and humid conditions, resulting in a generally lower estimate of atmospheric attenuation.

Ground Absorption. The acoustical effect of the ground was modeled using the ISO 9613-2:2024 General Method. This method requires the selection of ground factors for the ground near the source, near the receiver, and in between. A ground factor of 0.0 represents a completely reflective surface such as pavement, which would result in a higher level of sound reaching a receiver. A ground factor of 1.0 represents absorptive ground such as thick grass or fresh snow, resulting in a lower level of sound reaching the receiver. For this analysis a ground factor of 0.5 was used, which represents a mix of reflective and porous ground.

Tree Zones. An area of dense trees was modeled to the east and south of the project following the ISO 9613-2:2024 method. An effective height of 10m was assumed.

Reflections and Barrier Effects. For installations with many sources and obstacles, such as the Project, reflected energy and the effect of shielding can be considerable. For example, the BESS units on the south side of the Facility act as a barrier shielding the receptors from noise emitted by units located further north. The model was constructed such that this was taken into account.

The number of reflections for the model was conservatively set at two, allowing for the effects of multiple sound paths from a single source to be considered.

Directivity. Noise sources, and more specifically their frequency characteristics, are not always emitted evenly in all directions. No directivity was assumed for the BESS units for this Project as the fans are located on the top of the BESS unit, emitting sound in all directions.

Operating Periods and Capacity. The analysis assumes all equipment is operating at 80% duty cycle.

Noise Emission Factors. Table 3-1 lists the noise emission level for each major piece of equipment associated with the Project. The levels shown are per unit. Each source was modeled as follows:

- The BESS units were modeled as point sources in the center of each BESS container at a height of 2.77 meters above the proposed site grade. The noise emissions levels for the BESS units were calculated using data provided by Tesla for the Megapack 2 XL as the Megapack 3 noise data was not available at the time of this writing.
- Manufacturer's data for the BESS units include inverters in the measurements. The inverters are therefore not modeled individually for this analysis.
- The substation step-up transformer was modeled as a point source at a height of approximately 10 feet above the proposed site grade. The sound power levels of the step-up transformers are based on the method prescribed by the Institute of Electrical and electronics Engineers (IEEE) standard for transformers. Transformers are often tonal, so a +5 dB tonal penalty was added.

Noise Prediction Locations. Noise levels were predicted at 596 noise-sensitive receptors located within one mile of the Project. Noise levels were also predicted in the form of contours, where lines representing specific noise levels, e.g., 55 dBA, are plotted on an aerial photograph of the site. Between the Facility and a given contour line the predicted noise level is greater than that shown by the contour line. All predictions were made at a height of four meters above ground level with the exception of R18, which was made at a height of 1.5 meters above ground level as it was determined to be a single-story residence.

Table 3-1. Noise Emission Factors Used in Acoustic Model

Equipment Description And Quantity	Source Type	Sound Power Level (dBA)	Octave Band Sound Emission Levels (dBA)								
			31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1,000 Hz	2,000 Hz	4,000 Hz	8,000 Hz
BESS Unit Cooling System and Inverter (62)	Point	93.1	-	-	64	77.1	87.7	88.4	87.3	82.3	73
6.3 MVA Step-Up Transformer[1] (31)	Point	86.2	43.4	62.6	74.7	77.2	82.6	79.8	76	70.8	61.7
70 MVA Step-Up Transformer[1] (1)	Point	101.7	58.9	78.1	90.2	92.7	98.1	95.3	91.5	86.3	77.2

[1] Includes +5 dB tonal penalty

3.2 Predicted Noise Levels

Table 3-2 lists the predicted noise level at the 40 receptors with the loudest levels. Predicted noise levels range from 59 to 64 dBA. The loudest noise level is at R18. The predicted noise level contours at a 4-meter height are shown in Figure 3-2. A full list of predicted noise levels at each residence located within one mile of the Facility is provided in Appendix B.

As the design of the Facility progresses, some combination of noise reduction measures will be incorporated to lower predicted noise levels to 55 dBA or less. For example, it is expected that Tesla will release data for the new Megapack 3 BESS unit prior to construction with lower noise emissions. Other forms of noise mitigation will be considered, such as a wall. Also, the Project could attempt to include some of the nearest residents in the Project using "good neighbor agreements."

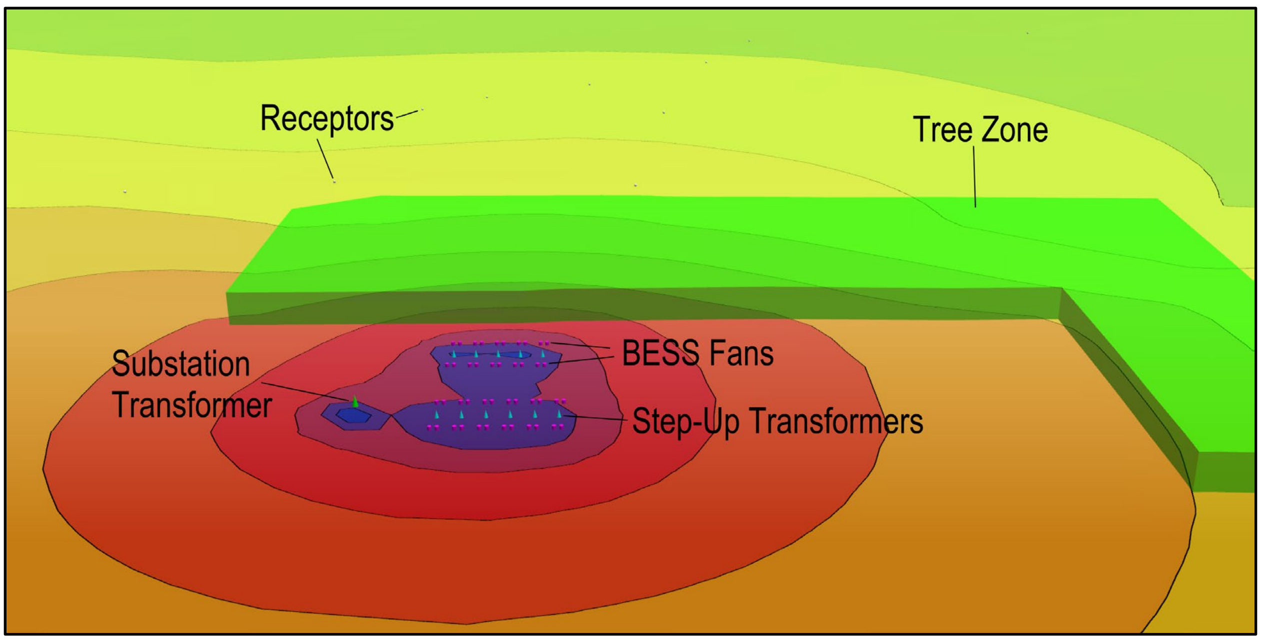

Figure 3-1. Three-Dimensional View of Project Noise Sources

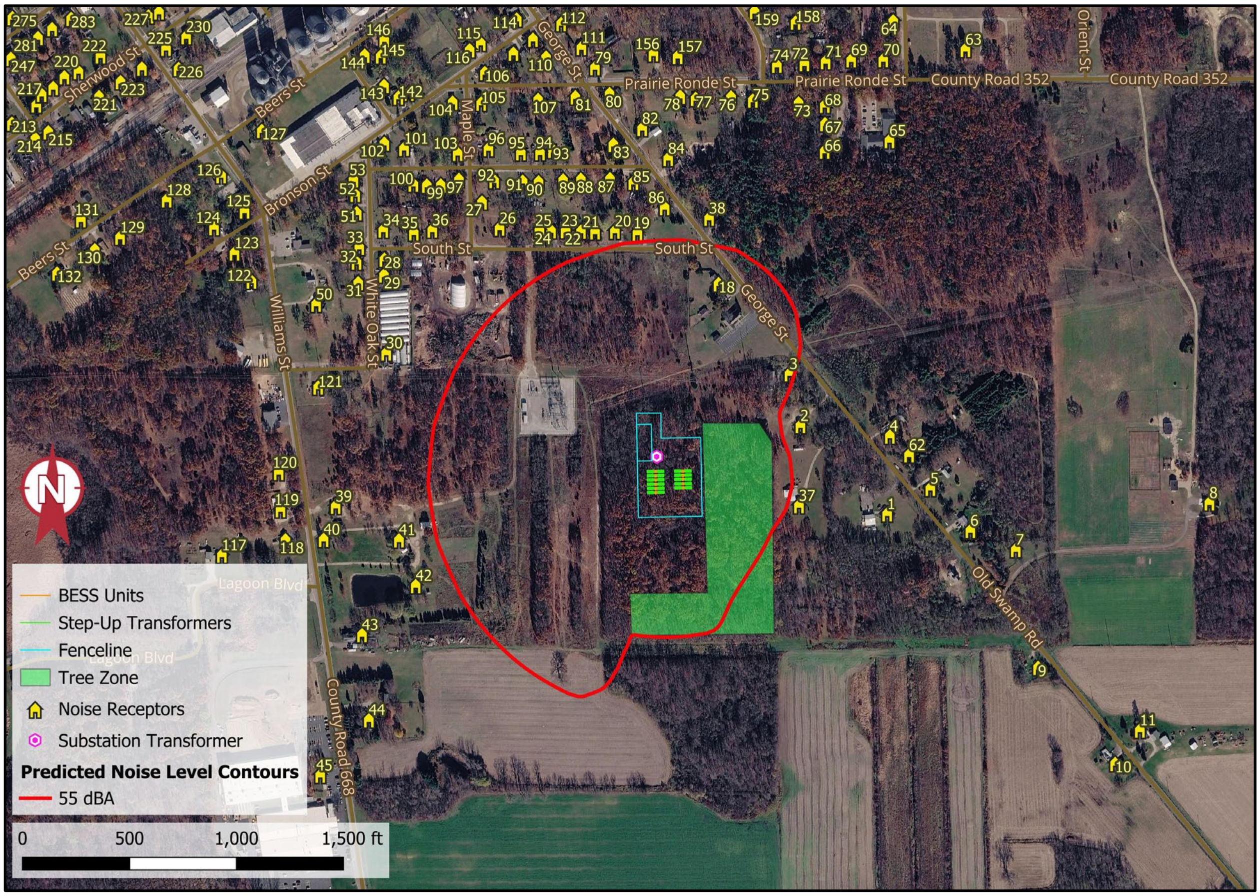

Figure 3-2. Predicted Noise Level Contours

Table 3-2. Predicted Noise Levels

Receptor	UTM 16N		Ground Elevation (m asl)	Overall Noise Level (dBA)
	Easting (m)	Northing (m)		
18	585504	4661786	236	56
3	585605	4661658	235	55
19	585388	4661858	236	55
20	585356	4661861	237	54
21	585328	4661860	237	54
37	585619	4661471	234	54
22	585308	4661861	236	54
38	585491	4661879	237	54
23	585286	4661862	236	54
86	585427	4661895	236	54
24	585266	4661862	236	54
42	585073	4661357	233	54
2	585621	4661584	235	54
41	585049	4661422	235	54
25	585249	4661862	236	54
26	585192	4661865	236	53
85	585383	4661931	238	53
30	585031	4661688	238	53
87	585349	4661936	238	53
88	585308	4661935	238	52
89	585283	4661934	238	52
84	585432	4661964	238	52
90	585248	4661931	237	52
91	585225	4661932	237	52
27	585167	4661903	237	52
39	584959	4661470	235	52
83	585354	4661985	239	52
36	585096	4661863	239	52
43	584996	4661287	234	52
92	585184	4661933	237	51
93	585268	4661976	239	51
29	585028	4661799	241	51
40	584942	4661422	235	51
82	585395	4662007	239	51
94	585250	4661973	238	51
35	585070	4661859	240	51
28	585028	4661821	241	51
95	585222	4661972	238	51
121	584934	4661639	238	51
97	585134	4661935	238	51

4. Qualifications

All aspects of this study were either conducted by or directly overseen by Mr. Michael Hankard. Mr. Hankard, founder and owner of Hankard Environmental, has 36 years of acoustical consulting experience. He has conducted hundreds of noise measurement surveys for projects in the power, mining, agricultural, transportation, and other industries. He holds a B.S.E.E. degree from the University of Maine with a specialization in acoustics, is a full member of the Institute of Noise Control Engineering (INCE) and the Acoustical Society of America (ASA). His entire career has been dedicated to the measurement, analysis, mitigation, and compliance assessment of environmental noise.

Mr. Hankard was a member of the committee that developed the American National Standards Institute (ANSI) and American Clean Power (ACP) standard ACP 111-1 (2022) *Wind Turbine Sound Modeling* and is currently participating in the process to develop a national standard for the prediction of noise from energy storage projects.

Appendix A

Noise Terminology and Primer

Noise is generally defined as loud, unpleasant, unexpected, or undesired sound that interferes with or disrupts normal human activities, such as talking and sleeping. Although exposure to high noise levels has been demonstrated to cause hearing loss, annoyance is the principal human response to environmental noise. The reaction of individuals to similar noise events is diverse and is influenced by a number of factors, such as the type of noise, its perceived importance, the time of day during which the noise occurs, and its duration, frequency, and level.

Decibel (dB) is a logarithmic unit of any measured physical quantity and commonly used in quantifying sound and vibration. Whenever the word "level" is used (e.g., "sound level" versus just "sound"), this logarithmic quantity is implied. The logarithmic scale is used to compress an otherwise very large range of numbers into a more manageable and relatable range. For example, humans are capable of detecting a very wide range of pressure fluctuations in the air, from 20×10^{-6} to 200 Pascals. When expressed on the logarithmic scale this reduces to approximately 0 to 140 dB. Figure A1 shows the relative decibel levels of some familiar sources of sound (note that the levels in the figure are A-weighted, which is discussed below).

Weighted Decibels (dBA and dBC): Human hearing is more sensitive to high frequency sound (e.g., 1,000 Hz) than to low frequency sound. However, microphones are designed to measure sound at all frequencies equally (within their stated range). To approximate human hearing the A-weighting scale was developed to mimic human hearing at moderate levels and can be applied to both measured and predicted noise levels. Most sound level meters have the capability to measure both un-weighted (also called "linear" and sometimes "Z-weighted") noise levels and A-weighted noise levels. Similarly, measured or predicted noise levels can be expressed on a C-weighted scale. This scale represents human hearing at higher levels, where sensitivity to low frequency noise becomes greater. This metric is often used to assess the potential impact of low frequency noise.

The weighting process is illustrated in Figure A2, which shows a representative measured environmental noise frequency spectrum. The black trace represents the unweighted levels measured in each of nine standard octave bands (defined bands of frequency). The area under the black trace represents the total energy of the sound. The blue trace shows the octave band levels after being adjusted by the C-weighting filter, and the orange trace shows the levels adjusted by the A-weighting filter. The overall sound level (representative of the total energy across the entire audible frequency spectrum) for each weighting can be calculated by logarithmically adding the noise level in the individual octave band levels. In this example, the overall levels are 61 dB (unweighted), 59 dBC, and 45 dBA. Table A1 below shows the octave band weighting values (specified by the American National Standards Institute, ANSI) and the weighted and unweighted octave band levels for this example.

Equivalent Level (L_{eq}): The L_{eq} is the most commonly used metric for predicting, regulating, and measuring noise. It is the quantity referenced or required by relevant acoustic standards, such as ANSI S12.9 Part 3 and ISO 9613-2:2024. It can be expressed on any of the weighting scales discussed above (but typically A-weighted) and requires a stated time interval, with one-hour being commonly. The L_{eq} has the same acoustic energy as the time-varying sound level over the interval. The L_{eq} accounts for noise fluctuations from moment to moment by averaging the louder and quieter moments and giving more weight to the louder moments.

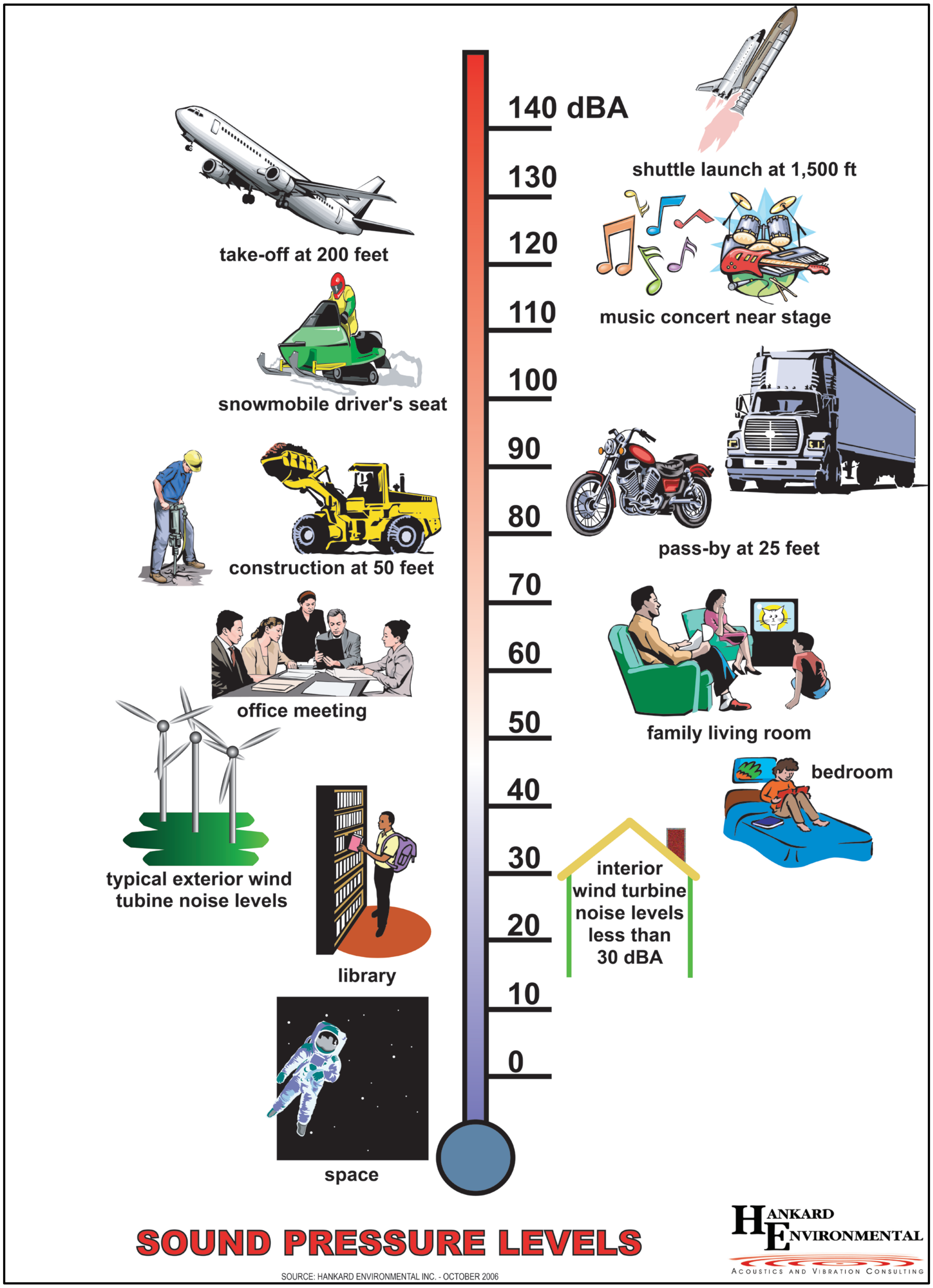

Figure A-1. Noise Levels of Typical Sources (dBA)

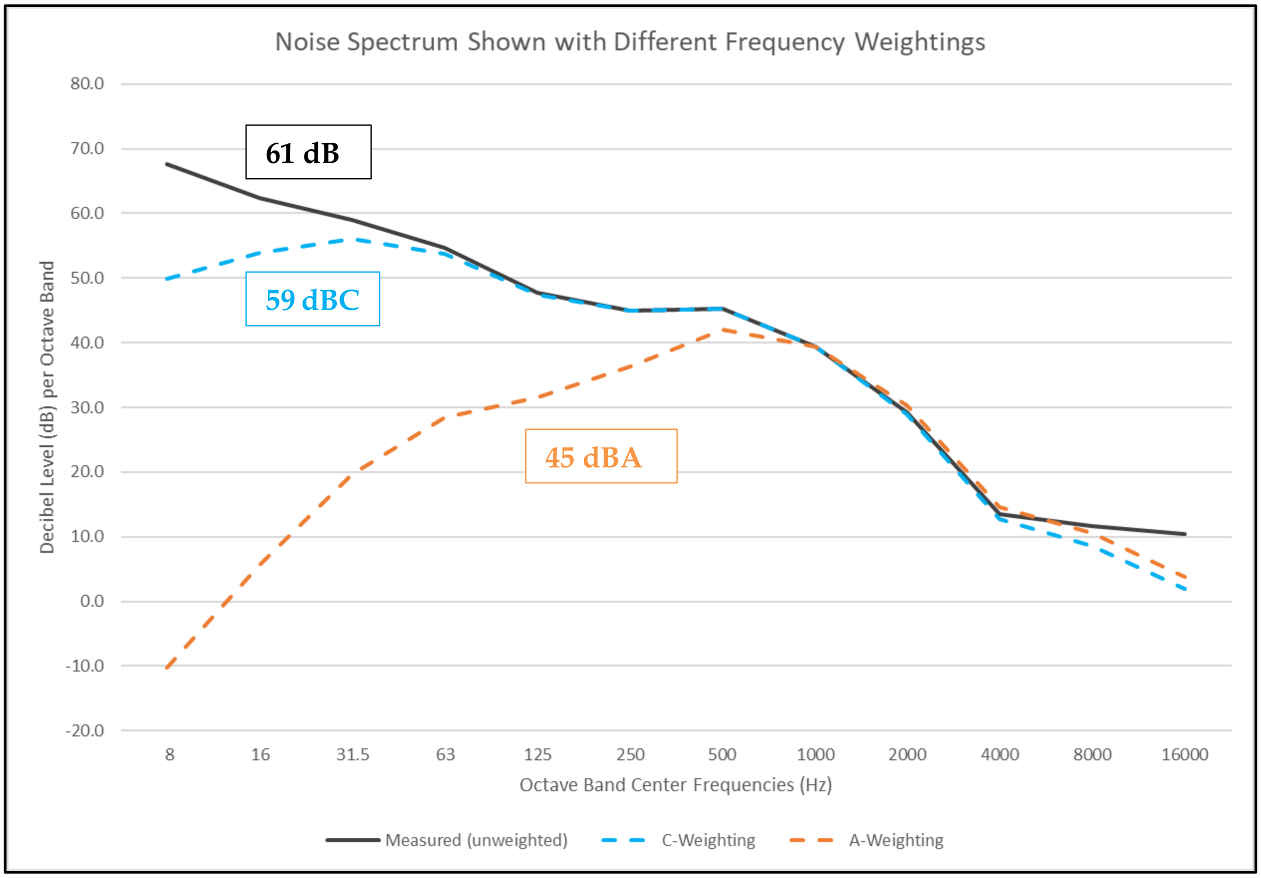

Figure A-2. Example of A- and C-weighting

Table A-1. Octave Band A- and C-Weighting Factors

	Overall Level	Octave Band Center Frequency (Hz) **31.5**	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**
A-Weight Filter	-	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1
C-Weight Filter	-	-3.0	-0.8	-0.2	0.0	0.0	0.0	-0.2	-0.8	-3.0
Measured (unweighted)	61 dB	59	55	48	45	45	39	29	14	12
A-Weighting	45 dBA	20	28	32	36	42	39	30	15	11
C-Weighting	59 dBC	56	54	47	45	45	39	29	13	9

Statistical Descriptors: The most commonly employed statistical descriptors are the L_{10}, L_{50}, and L_{90}, which are the level exceeded 10, 50, and 90% of the time, respectively, over a stated interval, respectively. These too can be expressed using any weighting scale and over any time interval.

- The L_{90} is representative of the lower, constant noise levels in an environment. It is often used to quantify the ambient or background noise level. It is used mainly as a noise measurement tool, in that it can filter the higher, varying noises in an environment. It is not often used as a standard.
- The L_{50} is the median level and is used as a standard in some applications or jurisdictions (e.g., Minnesota).
- The L_{10} is representative of the louder sounds in an environment, such as passing cars, barking dogs, gusts of wind, etc. This is often used in local regulations.

Frequency-Specific Descriptors: Almost all noise standards in the U.S. are inclusive of all frequencies across the human audible spectrum, such as the overall A-weighted noise level (dBA). Noise levels can also be predicted, measured, and assessed in individual bands of frequency.

- ANSI has divided the human hearing range into nine standard octave bands, with center frequencies as shown in Figure A-2, above. Octave band noise levels are most commonly expressed as unweighted decibels but can also be expressed on any scale (e.g., A or C).
- Octave bands can be divided into one-third octave band noise levels. One-third octave band levels can also be expressed on any scale.

Appendix B

Predicted Noise Levels

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
1	585744	4661459	234	50
2	585621	4661584	235	54
3	585605	4661658	235	55
4	585748	4661570	234	50
5	585806	4661495	234	48
6	585863	4661435	234	47
7	585927	4661408	234	46
8	586203	4661474	234	43
9	585959	4661240	233	44
10	586069	4661103	233	44
11	586104	4661151	233	43
12	586360	4660819	232	42
13	586377	4660718	232	41
14	586613	4660427	232	38
15	586654	4660450	231	38
18	585504	4661786	236	56
19	585388	4661858	236	55
20	585356	4661861	237	54
21	585328	4661860	237	54
22	585308	4661861	236	54
23	585286	4661862	236	54
24	585266	4661862	236	54
25	585249	4661862	236	54
26	585192	4661865	236	53
27	585167	4661903	237	52
28	585028	4661821	241	51
29	585028	4661799	241	51
30	585031	4661688	238	53
31	584991	4661788	241	51
32	584988	4661817	241	51
33	584992	4661838	241	50
34	585026	4661863	241	51
35	585070	4661859	240	51
36	585096	4661863	239	52
37	585619	4661471	234	54
38	585491	4661879	237	54
39	584959	4661470	235	52
40	584942	4661422	235	51
41	585049	4661422	235	54

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
42	585073	4661357	233	54
43	584996	4661287	234	52
44	585006	4661166	235	50
45	584937	4661087	235	49
46	585027	4660900	234	47
47	585047	4660748	233	46
48	585069	4660711	233	45
49	585003	4660754	233	46
50	584931	4661757	241	50
51	584989	4661887	241	50
52	584987	4661913	241	49
53	584984	4661934	241	49
54	584890	4659852	231	37
55	587031	4661292	233	38
56	587135	4661217	234	37
57	587000	4662049	235	38
58	586681	4662052	236	40
59	586428	4662059	239	42
60	586346	4662052	239	42
61	586336	4661760	234	43
62	585775	4661543	234	49
63	585856	4662120	242	46
64	585753	4662160	241	47
65	585748	4661990	239	49
66	585655	4661975	241	51
67	585656	4662014	241	50
68	585655	4662040	241	50
69	585693	4662105	241	48
70	585739	4662105	240	48
71	585657	4662102	241	49
72	585626	4662099	241	49
73	585618	4662044	240	50
74	585587	4662097	241	49
75	585553	4662048	239	50
76	585522	4662052	239	50
77	585471	4662050	240	50
78	585449	4662053	240	50
79	585328	4662094	242	50
80	585349	4662057	241	50
81	585300	4662052	242	50

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
82	585395	4662007	239	51
83	585354	4661985	239	52
84	585432	4661964	238	52
85	585383	4661931	238	53
86	585427	4661895	236	54
87	585349	4661936	238	53
88	585308	4661935	238	52
89	585283	4661934	238	52
90	585248	4661931	237	52
91	585225	4661932	237	52
92	585184	4661933	237	51
93	585268	4661976	239	51
94	585250	4661973	238	51
95	585222	4661972	238	51
96	585176	4661978	238	51
97	585134	4661935	238	51
98	585108	4661927	239	51
99	585089	4661927	239	51
100	585069	4661928	239	50
101	585056	4661979	240	49
102	585028	4661986	240	49
103	585132	4661972	239	50
104	585125	4662045	240	49
105	585166	4662043	239	50
106	585171	4662087	241	49
107	585247	4662048	242	50
108	585212	4662114	242	49
109	585240	4662134	242	49
110	585258	4662109	242	49
111	585309	4662122	243	49
112	585280	4662157	243	48
113	585260	4662182	243	48
114	585217	4662163	243	48
115	585165	4662129	242	48
116	585150	4662119	241	48
117	584797	4661400	234	49
118	584887	4661422	236	50
119	584880	4661465	237	50
120	584877	4661518	238	50
121	584934	4661639	238	51

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
122	584839	4661790	241	49
123	584815	4661830	242	48
124	584785	4661866	242	47
125	584829	4661890	242	48
126	584796	4661940	243	47
127	584854	4662004	243	47
128	584718	4661905	243	46
129	584652	4661852	243	46
130	584616	4661835	243	45
131	584596	4661877	243	45
132	584562	4661801	242	45
133	583848	4661302	240	38
134	584112	4660749	235	39
135	583890	4661670	239	39
136	584131	4661832	241	41
137	583989	4661830	240	39
138	584235	4661874	242	41
139	584247	4661910	243	41
140	584336	4661960	244	42
141	585063	4662057	241	48
142	585048	4662052	242	48
143	585028	4662068	242	48
144	585000	4662112	243	47
145	585023	4662110	242	47
146	585028	4662134	242	47
147	585251	4662195	243	48
148	585208	4662181	243	48
149	585231	4662216	243	47
150	585192	4662203	243	47
151	585183	4662214	243	47
152	585203	4662256	243	47
153	585171	4662235	243	47
154	585188	4662271	243	46
155	585117	4662193	242	47
156	585411	4662113	242	49
157	585446	4662110	242	49
158	585614	4662158	241	48
159	585555	4662174	241	48
160	585527	4662239	239	47
161	585525	4662296	241	46

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
162	585483	4662328	240	46
163	585412	4662398	240	45
164	585252	4662360	243	45
165	585268	4662365	243	45
166	585365	4662440	242	45
167	585399	4662462	243	44
168	585441	4662487	243	44
169	585465	4662504	243	44
170	585490	4662517	243	44
171	585573	4662580	243	43
172	585586	4662454	243	44
173	585598	4662504	243	44
174	585671	4662461	243	44
175	585662	4662560	243	43
176	585681	4662547	243	43
177	585708	4662590	243	43
178	585664	4662641	243	42
179	585730	4662404	243	45
180	585788	4662437	242	44
181	585733	4662357	242	45
182	585732	4662557	243	43
183	585698	4662672	243	42
184	585723	4662692	242	42
185	585836	4662632	238	42
186	585818	4662741	238	41
187	585886	4662780	242	40
188	586028	4662894	242	39
189	585845	4662717	239	41
190	585936	4662687	241	41
191	585897	4662647	241	42
192	585976	4662612	241	41
193	585975	4662578	241	42
194	585977	4662506	241	42
195	585924	4662500	241	43
196	585880	4662542	239	42
197	585904	4662506	241	43
198	585853	4662451	242	43
199	585927	4662409	241	43
200	585953	4662448	241	43
201	586037	4662528	240	42

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
202	586120	4662515	242	41
203	586239	4662426	244	41
204	586252	4662534	246	41
205	586181	4662454	244	41
206	586401	4662536	243	40
207	586395	4662583	243	39
208	586443	4662662	240	39
209	586329	4662701	242	39
210	586258	4662739	242	39
211	586312	4662317	243	41
212	584468	4661997	245	43
213	584497	4662015	244	43
214	584531	4661993	244	44
215	584549	4662002	244	44
216	584532	4662040	245	43
217	584540	4662056	245	43
218	584556	4662065	245	44
219	584572	4662081	245	44
220	584592	4662088	245	44
221	584622	4662053	244	44
222	584624	4662110	245	44
223	584652	4662074	244	44
224	584683	4662093	244	45
225	584717	4662121	244	45
226	584735	4662092	244	45
227	584692	4662167	245	44
228	584707	4662173	245	44
229	584742	4662198	245	44
230	584746	4662138	245	45
231	584772	4662218	245	44
232	584845	4662259	245	44
233	585026	4662396	245	44
234	585046	4662412	245	44
235	585142	4662471	244	44
236	585162	4662484	244	44
237	585195	4662514	244	44
238	585232	4662559	244	43
239	585276	4662572	244	43
240	585310	4662596	244	43
241	585374	4662652	244	42

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
242	585448	4662701	243	42
243	585465	4662717	243	42
244	585524	4662749	243	41
245	585636	4662764	243	41
246	584482	4662042	244	43
247	584496	4662107	245	43
248	584455	4662082	244	43
249	584644	4662217	245	43
250	584841	4662333	245	44
251	585027	4662434	245	44
252	585022	4662445	245	44
253	585017	4662456	245	44
254	585261	4662590	244	43
255	585248	4662620	244	43
256	585197	4662604	244	43
257	585461	4662791	241	41
258	585427	4662772	242	41
259	584281	4662016	243	41
260	584296	4662026	243	41
261	584314	4662037	243	41
262	584330	4662046	243	42
263	584349	4662060	243	42
264	584366	4662074	243	42
265	584387	4662011	244	42
266	584410	4662048	244	42
267	584439	4662070	244	42
268	584381	4662085	244	42
269	584395	4662097	244	42
270	584409	4662106	244	42
271	584434	4662121	244	42
272	584465	4662143	244	42
273	584382	4662084	244	42
274	584479	4662156	244	42
275	584498	4662165	245	42
276	584517	4662185	245	42
277	584531	4662194	245	43
278	584554	4662208	245	43
279	584571	4662218	245	43
280	584517	4662127	245	43
281	584535	4662136	245	43

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
282	584555	4662149	245	43
283	584582	4662164	245	43
284	584587	4662231	245	43
285	584621	4662254	245	43
286	584650	4662277	245	43
287	584666	4662289	245	43
288	584663	4662228	245	43
289	584680	4662243	245	43
290	584693	4662253	245	43
291	584710	4662266	245	43
292	584728	4662277	245	43
293	584807	4662384	246	43
294	584876	4662443	245	43
295	584922	4662477	245	43
296	584970	4662442	245	43
297	584983	4662455	245	43
298	584971	4662509	245	43
299	585005	4662532	245	43
300	585020	4662541	245	43
301	585054	4662511	245	43
302	585041	4662552	246	43
303	585093	4662534	245	43
304	585054	4662567	245	43
305	585072	4662576	245	43
306	585111	4662552	245	43
307	585087	4662589	245	42
308	585101	4662602	245	42
309	585137	4662626	245	42
310	585148	4662638	245	42
311	585129	4662566	245	43
312	585149	4662581	245	43
313	585170	4662591	245	43
314	585160	4662651	245	42
315	585202	4662676	245	42
316	585226	4662693	245	42
317	585243	4662702	245	42
318	585259	4662716	245	42
319	585283	4662668	244	42
320	585298	4662680	244	42
321	585313	4662692	244	42

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
322	585282	4662731	245	42
323	585307	4662754	244	41
324	585328	4662705	244	42
325	585349	4662711	243	42
326	585360	4662725	243	42
327	585379	4662740	242	42
328	585412	4662760	242	41
329	585479	4662805	241	41
330	585494	4662815	241	41
331	585576	4662898	241	40
332	585578	4662945	244	40
333	585510	4662988	245	39
334	585505	4663020	247	39
335	584186	4662042	243	40
336	584221	4662068	243	41
337	584400	4662157	244	42
338	584384	4662187	245	41
339	584420	4662202	245	42
340	584589	4662296	245	42
341	584572	4662317	246	42
342	584540	4662296	246	42
343	584953	4662537	245	42
344	584985	4662560	245	42
345	584969	4662576	245	42
346	584959	4662593	245	42
347	584928	4662562	245	42
348	585116	4662700	243	41
349	585166	4662737	245	41
350	585246	4662854	245	40
351	585249	4662793	244	41
352	585229	4662842	245	40
353	585211	4662830	245	41
354	585217	4662774	245	41
355	585202	4662761	245	41
356	585179	4662749	245	41
357	585194	4662817	245	41
358	585178	4662805	245	41
359	585167	4662802	245	41
360	585129	4662773	245	41
361	585145	4662782	245	41

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
362	585160	4662792	245	41
363	585095	4662748	243	41
364	585065	4662727	243	41
365	585089	4662688	244	42
366	585045	4662709	243	41
367	585061	4662664	244	42
368	585016	4662692	244	41
369	585042	4662652	244	42
370	585002	4662680	244	41
371	585023	4662636	244	42
372	584988	4662665	244	41
373	584974	4662655	244	41
374	584996	4662616	245	42
375	584904	4662610	245	42
376	584889	4662593	244	42
377	584870	4662619	245	41
378	584910	4662559	245	42
379	584898	4662552	245	42
380	584878	4662536	245	42
381	584863	4662573	244	42
382	584846	4662560	244	42
383	584827	4662547	244	42
384	584809	4662536	245	42
385	584846	4662509	245	42
386	584832	4662500	245	42
387	584796	4662474	246	42
388	584780	4662470	246	42
389	584726	4662419	246	42
390	584702	4662408	246	42
391	584672	4662388	246	42
392	584657	4662376	246	42
393	584645	4662355	246	42
394	584625	4662351	246	42
395	584608	4662338	246	42
396	584594	4662326	246	42
397	584639	4662420	246	42
398	584625	4662405	246	42
399	584609	4662393	246	42
400	584584	4662380	246	42
401	584567	4662368	246	42

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
402	584547	4662353	246	42
403	584517	4662327	246	42
404	584501	4662317	245	42
405	584484	4662305	245	41
406	584470	4662297	244	41
407	584454	4662283	244	41
408	584437	4662271	244	41
409	584416	4662259	244	41
410	584399	4662252	244	41
411	584389	4662239	244	41
412	584524	4662279	246	42
413	584502	4662261	246	42
414	584477	4662248	245	42
415	584461	4662227	245	42
416	584359	4662217	244	41
417	584345	4662210	244	41
418	584329	4662198	244	41
419	584351	4662161	244	41
420	584340	4662144	244	41
421	584324	4662140	244	41
422	584302	4662123	243	41
423	584289	4662171	243	41
424	584262	4662145	243	41
425	584288	4662111	243	41
426	584274	4662100	243	41
427	584255	4662091	243	41
428	584236	4662081	243	41
429	584243	4662137	243	40
430	584231	4662125	243	40
431	584212	4662115	243	40
432	584193	4662099	243	40
433	584165	4662079	242	40
434	584132	4662056	242	40
435	584113	4662041	242	40
436	584169	4662029	243	40
437	584149	4662007	243	40
438	584106	4661981	243	40
439	583964	4661987	243	39
440	584114	4662129	243	39
441	584159	4662168	243	40

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
442	584188	4662186	243	40
443	584204	4662196	243	40
444	584105	4662223	243	39
445	584166	4662242	243	39
446	584203	4662261	243	40
447	584220	4662270	243	40
448	584316	4662279	243	40
449	584302	4662253	243	40
450	584285	4662249	243	40
451	584269	4662244	243	40
452	584253	4662294	243	40
453	584346	4662305	243	40
454	584334	4662350	243	40
455	584360	4662377	243	40
456	584386	4662382	243	40
457	584407	4662343	243	41
458	584486	4662366	244	41
459	584526	4662391	245	41
460	584472	4662386	244	41
461	584514	4662419	246	41
462	584484	4662447	246	41
463	584446	4662427	244	40
464	584467	4662472	245	40
465	584064	4662320	240	38
466	584178	4662293	243	39
467	584165	4662345	243	39
468	584148	4662334	243	39
469	584203	4662369	242	39
470	584120	4662365	241	39
471	584156	4662396	241	39
472	584222	4662409	241	39
473	584212	4662432	240	39
474	584259	4662449	242	39
475	584269	4662434	242	39
476	584288	4662406	242	40
477	584237	4662388	241	39
478	584271	4662358	241	40
479	584318	4662431	242	40
480	584358	4662438	243	40
481	584234	4662514	238	39

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
482	584304	4662500	242	39
483	584382	4662496	243	40
484	584416	4662491	244	40
485	584433	4662503	244	40
486	584272	4662545	239	39
487	584301	4662569	240	39
488	584365	4662536	242	39
489	584387	4662554	242	39
490	584408	4662571	242	39
491	584426	4662578	242	39
492	584444	4662591	242	39
493	584493	4662633	240	39
494	584448	4662515	244	40
495	584463	4662526	244	40
496	584480	4662540	244	40
497	584498	4662482	245	40
498	584511	4662500	245	40
499	584497	4662552	244	40
500	584526	4662512	245	40
501	584542	4662525	245	40
502	584513	4662560	244	40
503	584528	4662576	243	40
504	584543	4662583	243	40
505	584558	4662533	244	40
506	584576	4662544	244	40
507	584580	4662608	243	40
508	584610	4662574	243	40
509	584574	4662627	243	40
510	584558	4662640	243	40
511	584535	4662671	243	39
512	584560	4662727	243	39
513	584547	4662752	241	39
514	584536	4662771	241	39
515	584579	4662699	244	39
516	584601	4662684	245	40
517	584619	4662667	245	40
518	584622	4662640	244	40
519	584638	4662624	244	40
520	584650	4662599	243	40
521	584662	4662584	243	41

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
522	584677	4662565	243	41
523	584689	4662550	244	41
524	584623	4662550	244	41
525	584634	4662529	244	41
526	584655	4662525	244	41
527	584664	4662501	245	41
528	584673	4662484	246	41
529	584726	4662627	244	41
530	584724	4662678	245	40
531	584726	4662655	245	40
532	584721	4662723	246	40
533	584724	4662750	246	40
534	584718	4662797	246	39
535	584721	4662861	244	39
536	584823	4662642	245	41
537	584859	4662663	245	41
538	584875	4662640	245	41
539	584921	4662655	245	41
540	584908	4662680	245	41
541	584882	4662705	245	41
542	584867	4662737	245	40
543	584838	4662763	247	40
544	584825	4662781	247	40
545	584814	4662797	247	40
546	584804	4662811	247	40
547	584891	4662753	245	40
548	584912	4662768	245	40
549	584927	4662778	245	40
550	584946	4662790	246	40
551	584956	4662799	246	40
552	584999	4662823	244	40
553	584880	4662795	246	40
554	584795	4662858	246	39
555	584904	4662815	246	40
556	584926	4662830	246	40
557	584978	4662867	245	40
558	584832	4662863	246	39
559	584829	4662916	245	39
560	584856	4662919	246	39
561	584894	4662921	246	39

Receptor	UTM 16N		Ground Elevation	Overall Noise Level
	Easting (m)	Northing (m)	(m asl)	(dBA)
562	584913	4662921	246	39
563	584873	4662864	246	39
564	584936	4662917	246	39
565	584978	4662915	245	39
566	584997	4662917	245	39
567	585025	4662923	244	39
568	585026	4662850	243	40
569	584958	4662918	246	39
570	585069	4662782	242	41
571	585106	4662809	244	41
572	585092	4662867	244	40
573	585109	4662870	245	40
574	585173	4662866	245	40
575	585119	4662905	245	40
576	585124	4662923	245	40
577	585175	4662923	245	40
578	585102	4662966	246	39
579	585170	4663008	246	39
580	585170	4662977	246	39
581	585184	4662953	246	39
582	585233	4663032	246	39
583	585230	4663000	246	39
584	585236	4662975	246	39
585	585242	4662952	246	39
586	585241	4662914	245	40
587	585303	4662924	245	40
588	585303	4662956	246	40
589	585304	4662983	247	39
590	585314	4663005	248	39
591	585309	4663052	250	39
592	585378	4662926	244	40
593	585406	4662963	245	39
594	585376	4662974	246	39
595	585372	4663009	249	39
596	585412	4663058	250	39
597	585354	4663052	250	39
598	585791	4662965	241	39