

Jericho Wind, Inc.

Jericho Wind Energy Centre – Revised Noise Assessment Report

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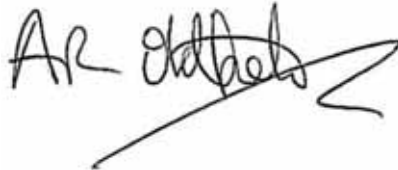
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1. Introduction

Jericho Wind, Inc., a wholly owned subsidiary of NextEra Energy Canada, ULC, (NextEra) is proposing to construct a wind energy project in the Municipality of Lambton Shores and the Township of Warwick, in Lambton County, Ontario and in the Municipality of North Middlesex, in Middlesex County, Ontario. The Project is referred to as the Jericho Wind Energy Centre (the “Project”). All turbines will be located on private lands.

This report has been prepared in accordance with the Ontario Ministry of the Environment (MOE) guideline “Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities” (October 2008). This report will form part of the Renewable Energy Approval (REA) application for the Project as required under Ontario Regulation 359/09.

2. Project Layout

Approval is being sought for 99 wind turbine locations, with each turbine rated at 1.6 Megawatts maximum generation capacity. However, only 92 of the wind turbines will ultimately be constructed in order to achieve the Project nameplate generation target of up to 150 Megawatts. All of the wind turbines will feed into a centrally located transformer substation.

The proposed Project is located in the Municipality of Lambton Shores and the Township of Warwick, in Lambton County, Ontario and in the Municipality of North Middlesex, in Middlesex County, Ontario. The Project Study Area consists of the areas being studied for the wind energy component (Wind Energy Centre Study Area), as well as for the interconnection route (i.e., the area being studied for transmission lines to connect the Project to the electrical grid) (Transmission Line Study Area). The Wind Energy Centre Study Area is generally bounded by Lakeshore Road/Bog Line to the north, Egremont Road to the south, the Lambton Shores/North Middlesex municipal boundary to the east and Rawlings Road/Elarton Road to the west, in Lambton County. The Transmission Line Study Area is generally bounded by Kennedy Line, Parkhill Drive and Elginfield Road to the north, Jura Line, Elm Tree Drive and Poplar Hill Road to the south, Fernhill Drive to the east, and the Jericho Road to the west, in Lambton and Middlesex Counties.

The location of the Project Study Area was defined early in the planning process for the proposed wind energy facility, based on the availability of wind resources, approximate area required for the proposed project, and availability of existing infrastructure for connection to the electrical grid. The Project Study Area was used to facilitate information collection.

A figure showing the project location, wind turbine layout and transformer location is attached as Appendix A. The Noise Impact Assessment Report for the Parkhill Interconnect Project is attached as Appendix B.

3. Noise Assessment Guideline

Part V.0.1 of the Ontario Environmental Protection Act R.S.O. 1990 (EPA) addresses the approvals process required for renewable energy projects and Ontario Regulation 359/09 outlines the specific requirements for obtaining a Renewable Energy Approval (REA) from the MOE.

As required by O.Reg. 359/09, noise from wind farm projects requiring approval within Ontario are assessed using the MOE guideline: “Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities” (PIBS 4709e, October 2008). This guideline sets the definitions, assessment procedures and noise level limits for noise assessments of wind farm projects.

The project area is best defined as Class 3 rural, as per MOE Publication 4709e. A Class 3 Area is defined as “a rural area with an acoustical environment that is dominated by natural sounds having little or no road traffic, such as the following: a small community with less than 1000 population; agricultural area; a rural recreational area such as a cottage or a resort area; or a wilderness area.” The MOE noise level limits, at integer wind speeds, for points of reception in Class 3 areas are summarized in Table 1 below.

Table 1. Noise Level Limits for Wind Turbines

Point of Reception Classifications	1-hr L_{EQ} Sound Level Limit (dB(A)) at 10m height Wind Speeds (m/s)				
	Less than or equal to 6 m/s	7 m/s	8 m/s	9 m/s	Greater than or equal to 10 m/s
Class 1 & 2 Areas	45.0	45.0	45.0	49.0	51.0
Class 3 Areas	40.0	43.0	45.0	49.0	51.0

4. Noise Sources

Table 6 and Table 7 of Section 9 provide the co-ordinates of all noise sources considered in the noise impact analysis and assessment.

4.1 Wind turbine noise sources

The wind turbine technology proposed for this Project is the GE 1.6-100 Wind Turbine with Low-Noise Trailing Edges (LNTE). This model has the following features:

- 100 metre rotor diameter, with a swept area of 7,854 m²
- Hub height of 80 metres
- Maximum generation capacity of 1.62 Megawatts

The MOE requires that the cumulative noise impact of existing or proposed¹ wind farms also be included in the noise impact analysis. To that end all existing or proposed wind turbines within 5 kilometres of the Project were included in the noise impact analysis. These projects are:

- NextEra Bornish Wind Energy Centre
 - Proposed wind turbine installations
 - Consists of 48 proposed GE 1.6-100 LNTE wind turbines with a rated capacity of 1.6 Megawatts
- Ravenswood Wind Farm
 - Existing wind turbine installations
 - Consists of six Vestas V82 1.65 MW wind turbines
- Suncor Energy Adelaide Wind Power Project
 - Proposed wind turbine installations
 - Consists of 22 Siemens 2.3-113 wind turbine generators, derated to a capacity of 2.221 MW as outlined in the *Adelaide Wind Power Project Noise Assessment Report*
- Suncor Energy Cedar Point Wind Power Project
 - Proposed wind turbine installations
 - Consists of 55 Siemens 2.3-113 wind turbine generators, derated to capacities of 2.221 MW, 2.126 MW and 2.030 MW as outlined in the *Cedar Point Wind Power Project Noise Assessment Report*

Manufacturers' noise data for all assessed wind turbines are summarized in Table 7 of Section 9. The noise datasheets provided have been prepared and reported in accordance with IEC 61400-11 (equivalent to CAN/CSA-C61400-11). Site specific wind shear measurements were undertaken prior to release of the project, using a meteorological tower installed between 2007 and 2014. The results from this tower indicated that the average summer night time wind shear is 0.33.

The spectral data from the manufacturers for Siemens 2.3-113 wind turbine generators indicate that maximum noise levels occur at nearby receptors at hub height wind speeds of 9.5 m/s; which would occur at wind shear levels of 0.2. Spectral data for the GE 1.6-100 LNTE wind turbine generators indicate that maximum noise levels occur at hub height wind speeds of 14 m/s and greater; occurring at wind shear levels of more than 0.41. While it is not realistic that both turbine models would be operating under this condition, noise calculations were conservatively conducted using manufacturer spectral data for these turbine models that result in maximum noise levels for all assessed wind speeds.

¹ Based on MOE guidelines, proposed projects which have not yet published a site plan have not been accounted for in the noise impact analysis.

4.2 Wind turbine transformer noise sources

The electricity generated by the Jericho Wind Energy Centre will be collected at a central transformer substation. The performance specification of the transformer will require that the noise emissions be measured in accordance with ANSI/IEEE C57.12.90 at the highest (MVA) rating with all fans in operation and at the tap position that creates the highest current. The proposed transformer for the Project is a Prolec GE 102/136/170 MVA transformer. A spare transformer with the same specifications will be stored at the substation and will be used in the event that the primary transformer requires servicing.

The performance specification will require that the average sound pressure level measured in accordance with ANSI C57.12.90 shall not exceed 75 dB(A) over the measurement surface (as defined in the ANSI/IEEE standard). An estimate of the noise emissions expected from the transformer is provided in Table 5. Appendix C includes a detailed calculation to support the transformer emission estimate. Note that a 5dB penalty has been added to the transformer emission level in the noise prediction modelling as per the requirements of PIBS 4709e.

The transformer will be installed on a concrete pad surrounded by gravel. In order to include the effect of reduced absorption in the source zone (as defined by ISO 9613-2), the following reductions in ground absorption have been made for this source (compared to the levels given in *Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities*):

- Source zone ground absorption G_s , reduced from 1.0 to 0.0
- Receiver zone ground absorption G_r , unchanged at 0.5
- Middle zone ground absorption, G_m , unchanged at 0.8

These changes have been implemented for the three closest non-participating receptors to the transformer.

The transformer will have a 7.0 metre high noise barrier on the north and east sides of the Project transformer substation, and a 4.5 metre high noise barrier on the south side. The noise barrier should have an absorptive surface on the side facing the transformer with a minimum Noise Reduction Coefficient (NRC) of 0.8. The noise barrier should have a minimum surface density of 20 kg/m² or a minimum Sound Transmission Class (STC) of STC32 and should not have any gaps or cracks. The co-ordinates of the transformer, as well as end-points and corners of the noise barrier are provided in Table 2.

Transformers are planned as part of the Suncor Cedar Point Wind Power Project, Suncor Adelaide Wind Power Project and Bornish Wind Energy Centre. However, all of these transformers are located at distances of greater than 5 km from the Jericho Wind Energy Centre.

Table 2. Transformer and associated noise barrier locations

Identifier	Project	Equipment Make & Model	UTM Coordinates (NAD83 Zone 17N)		Remarks
			Easting	Northing	
J_Trans	Jericho	Prolec 102/136/170 MVA Transformer	427098	4777771	—
Noise Barrier	Jericho	—	427092	4777776	Northwest endpoint
Noise Barrier	Jericho	—	427105	4777776	North/east intersection
Noise Barrier	Jericho	—	427105	4777761	South/east intersection
Noise Barrier	Jericho	—	427091	4777762	Southwest endpoint

The layout of the barrier relative to the transformer is shown in Figure 1.

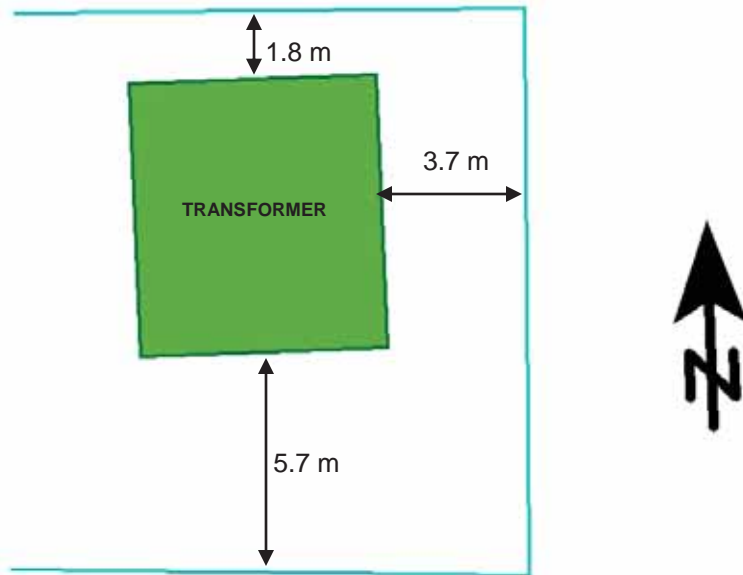
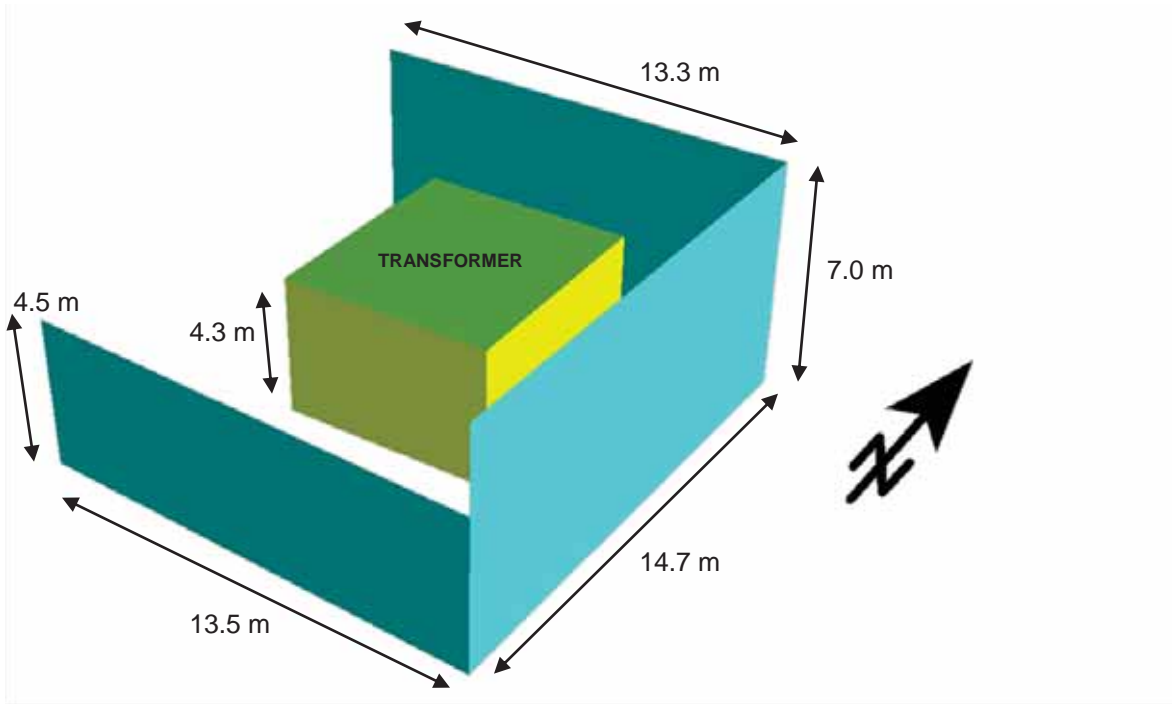


Figure 1 Dimensions and layout of noise barrier relative to transformer

5. Points of Reception

The Noise Impact Summary Table, provided in Section 9, lists all of the points of reception within 2000 metres of the Project turbines and the associated coordinates as per Section 6.1 d) of the MOE noise guideline (PIBS 4709e). The points of reception have been classified into four different categories which are outlined in Table 3. 3, below.

Table 3. Point of Reception Classifications

Class	Description	Quantity		Remarks
		Within 1.5 km	Within 2 km	
NP	Non-participating	1140	1720	MOE Limits Apply
PR	Participating	78	78	MOE Limits Do Not Apply
VNP	Vacant Lot Non-participating	382	529	MOE Limits Apply
VPR	Vacant Lot Participating	63	63	MOE Limits Do Not Apply

The classifications NP and VNP are both non-participating and are subject to the noise level limits outlined in the MOE noise guideline (PIBS 4709e, see Table 1).

The classifications PR and VPR are both participating and are not subject to the noise level limits outlined in the MOE noise guideline. Participating points of reception are associated with the wind farm development via a legal agreement with the owner of the subject property, to allow the installation and operation of wind turbines or related equipment.

6. Detailed Noise Impact Assessment

The noise impact analysis for the Project was completed using the Cadna/A environmental noise modelling software. The noise modelling was conducted in accordance with the international standard ISO 9613-2. The noise predictions were calculated using downwind propagation from each source to each point of reception. This method produces a theoretical worst case prediction at each point of reception. The noise impact calculations were completed using octave band spectral values in the range of 63 to 8000Hz for each integer 10 metre height wind speed from 6 to 10m/s.

The noise model was configured to calculate the resultant noise impact at each point of reception within 1500 metres of the Project turbines as per Sections 6.3 and 6.4.1 of the MOE noise guideline (PIBS 4709e). The contribution of each noise source located within 5000 metres from each point of reception was included in the noise impact calculation according to Section 6.4.9 of PIBS 4709e. The air attenuation and ground attenuation calculation within the model were configured according to Section 6.4.10 of PIBS 4709e.

The noise impact at each point of reception, for each integer 10 metre height wind speed from 6 to 10m/s, is presented in the Noise Impact Table (Section 9). All of the noise predictions were completed in accordance with the detailed requirements of the MOE noise guideline (PIBS 4709e).

6.1 Ground Absorption

An investigation by Evans and Cooper (2012)² on differences between predicted and measured wind turbine noise levels showed that for concave shaped terrain, using hard ground under ISO 9613-2 provides a more accurate prediction methodology than with ground absorption. In order to determine whether any receptors could be deemed to be on concave ground, the criterion presented in the UK Institute of Acoustics document *A Good Practice Guide to the Application of ETSU-R-97 for the Assessment and Rating of Wind Turbine Noise* was used.

Under the approach taken in this document, ground is defined as concave if a turbine-receptor pair fulfils the following criterion:

$$h_m \geq 1.5 \times \left(\frac{\text{abs}(h_s - h_r)}{2} \right)$$

Where h_m is the mean height above ground for noise transmission as defined in ISO 9613-2, and h_s and h_r are the local heights of the source and receiver above ground.

Analysis was conducted on all turbine-receptor pairs, and it was determined that 34 turbine-receptor pairs satisfy this criterion. While the terrain around the Jericho study area is relatively flat, for these 34 turbine-receptor pairs, noise levels were determined using a ground absorption coefficient of 0.0. The individual noise levels were then summed logarithmically to determine the overall noise levels at these locations. A table showing all 34 turbine-receptor pairs, partial turbine levels and overall turbine levels is attached in Appendix E.

6.2 Terrain screening

Wind turbines have been modelled as a single point source at hub height, consistent with standard modelling practice for wind turbines. However, as aerodynamic noise is generated from the blade surfaces, it is noted that noise will be produced over the swept area of the turbine. This means that terrain screening, or a ground barrier

² *Comparison of Predicted and Measured Wind Farm Noise Levels and Implications for Assessments of New Wind Farms*, Acoustics Australia **40**(1), 28-36 (2012)

effect, would be reduced unless the entire swept area of the turbine blades is screened from a noise receptor. In order to account for this reduction in screening, modifications were made to the calculation algorithm for the calculation of wind turbine noise levels.

The screening attenuation (A_{bar}) is calculated under ISO 9613-2 using the following equation (equation 14 from the ISO standard):

$$A_{bar} = D_z - A_{gr} > 0$$
$$D_z = 10 \log \left[C_1 + \frac{C_2}{\lambda} C_3 z K_{met} \right]$$

The values C_1 , C_2 and C_3 are calculation parameters that vary based on the conditions being assessed. The remaining values represent wavelength (λ), mean path difference (z) and a meteorological correction (K_{met})

For single diffraction, where ground reflections are not taken into account separately, values of $C_1 = 3$, $C_2 = 20$ and $C_3 = 1$ are used. In order to set ground screening to zero, values of $C_1 = 1$, $C_2 = 0$ and $C_3 = 0$ were used in the calculation algorithm for all calculated wind turbine noise levels.

As screening still applies to noise levels from the transformer, a separate calculation was carried out, using the default ISO 9613-2 values of $C_1 = 3$, $C_2 = 20$ and $C_3 = 1$ to calculate transformer noise levels. The transformer and turbine noise levels were then summed logarithmically at all receptors to obtain overall noise levels.

7. Results and Compliance

7.1 Cumulative Noise Levels

The results of the noise modelling in the Noise Impact Table (Section 9) show that the Project is predicted to operate in compliance with the MOE noise level limits at all points of reception within 1500 metres of the Project turbines. Appendix D includes noise contour maps for each integer 10 metre height wind speed from 6 to 10m/s and a sample calculation is provided in Appendix E.

The results presented in Section 9, Appendix D and Appendix E include the effect of a noise barrier as outlined in Section 4.2 on the north, east and south sides of the Project transformer substation. With the noise mitigation described above implemented, the Project is predicted to comply with the MOE sound level limits for Wind Turbines in Class 3 areas for all of the non-participating (NP) and vacant lot non-participating (VNP) points of reception assessed.

The closest non-participating receptors to the Jericho Wind Energy Centre are receptors JER2573, JER2595 and JER5564. These receptors are all located at a distance of 550 metres from the nearest Jericho wind turbine generator, and have predicted noise levels for all wind speeds of 38.9, 39.5 and 39.1 dB(A) respectively.

The non-participating noise receptors with the highest predicted noise level are receptors JER3210, JER5293, JER5563 which all have predicted noise levels of 39.9 dB(A) at a 6 m/s 10 metre height wind speed.

7.2 Transformer Noise Levels

The closest sensitive noise receptors to the transformer substation are JER2532, JER5563 and JER2573. Turbine noise levels at these receptors are presented in the table below.

Table 4. Predicted wind turbine noise levels at the closest sensitive receptors to the Jericho Wind Energy Centre substation

Receptor	Predicted wind turbine noise level at varying 10 metre height wind speeds (dB(A))				
	6m/s	7m/s	8m/s	9m/s	10m/s
JER2532	38.7	38.7	38.7	38.7	38.7
JER2573	38.3	38.3	38.3	38.3	38.3
JER5563	39.3	39.3	39.3	39.3	39.3

The transformer was modelled using two different methods. In the preferred modelling method, the transformer was modelled as a three-dimensional structure using the geometry obtained from engineering drawings of the transformer. The results presented in Section 9 were prepared using the preferred modelling methodology.

In the alternative modelling method, the transformer was modelled as a single point source located at cover height of the transformer (4.27 metres). Using these two modelling methodologies and the noise barrier presented in Section 4.2, transformer noise levels were predicted at the nearest sensitive receptors. These two methodologies were used to demonstrate compliance with the most conservative assumptions, as requested by the Ministry of the Environment.

The following table summarises modelled transformer noise levels for the preferred and alternative modelling methodologies.

Table 5. Predicted transformer noise levels using preferred and alternative methodology

Receptor ID	Predicted Transformer Noise Level	
	Preferred Methodology	Alternative Methodology
JER2532	32.6	33.0
JER2573	29.9	30.4
JER5563	30.8	31.1

Using the modelled values shown above, the cumulative transformer and turbine levels based on a logarithmic sum of the contributing noise levels for both source types is shown in the following table.

Table 6. Cumulative transformer and turbine predicted noise levels

Receptor	Predicted cumulative transformer and turbine noise level at varying 10 metre height wind speeds (dB(A))									
	6m/s		7m/s		8m/s		9m/s		10m/s	
	Pref.	Alt.	Pref.	Alt.	Pref.	Alt.	Pref.	Alt.	Pref.	Alt.
JER2532	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
JER2573	38.9	39.0	38.9	39.0	38.9	39.0	38.9	39.0	38.9	39.0
JER5563	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9

As can be seen, for all wind speeds, and for both modelling methodologies, the proposed transformer and barrier configuration results in compliance with noise criteria under the MOE document *Noise Guidelines for Wind Farms*. The transformer noise levels include a 5 dB(A) adjustment for tonality, in accordance with NPC-104.

8. References

The following references were used in the preparation of this report:

- *A Good Practice Guide to the Application of ETSU-R-97 for the Assessment and Rating of Wind Turbine Noise*, Institute of Acoustics, UK, 2013
- ANSI/IEEE C57.12.90, Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers, Institute of Electrical and Electronics Engineers, Inc.
- *Bornish Wind Energy Centre Renewable Energy Approval Application Noise Impact Assessment*, GL Garrad Hassan, April 2013
- Comparison of Predicted and Measured Wind Farm Noise Levels and Implications for Assessments of New Wind Farms, *Acoustics Australia* **40(1)**, 28-36 (2012)
- IEC 61400-11, *Wind turbine generator systems – Part 11: Acoustic noise measurement techniques*, International Electrotechnical Commission, 2006.
- PIBS 4709e, *Noise Guidelines for Wind Farms – Interpretation for Applying MOE NPC Publications to Wind Power Generation Facilities*, Ontario Ministry of the Environment, Queens Printer for Ontario, October 2008.
- *Parkhill Interconnect – Noise Impact Assessment*, GL Garrad Hassan, September 2012
- *Ravenswood Wind Farm Environmental Noise Impact Report*, MK Ince and Associates Ltd., November 2006
- *Ravenswood Wind Farm Note to File Re: Changes in location of Ravenswood Wind Farm Turbines 3, 4 and 5*, M.K. Ince and Associates, June 2007
- *Suncor Energy Adelaide Wind Power Project Description Report*, Stantec Consulting Ltd., November 2012
- *Suncor Energy Adelaide Wind Power Project Noise Assessment Report*, HGC Engineering, July 2013
- *Suncor Energy Cedar Point Wind Power Project Description Report*, Stantec Consulting Ltd., April 2013
- *Suncor Energy Cedar Point Power Project Noise Assessment Report*, HGC Engineering, June 2013

9. Summary Tables

Table 7. Wind Turbine Acoustic Emission Summary Tables

Tables are provided with A-weighted octave band sound power levels in order to be consistent with manufacturer supplied data. Manufacturer supplied data provide all octave band sound power levels in A-weighted levels. The below tables are replicated in Appendix F as linear (unweighted) octave band levels. Please note that the levels shown in Appendix F are equivalent to the levels presented in the following tables.

Table 7–A. General Electric Model 1.6-100 LNTE

Associated Project: Jericho and Bornish Wind Energy Centres											
Make: General Electric											
Model: GE 1.6-100 LNTE											
Electrical Rating: 1.6 Megawatts											
Hub Height (m): 80 metres											
Wind Shear Coefficient: 0.33											
Source of Data: Provided by General Electric											
		Octave Band Sound Power Level (dB(A))									
		Manufacturer’s Emission Levels					Adjusted Emission Levels				
10m Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	80.3	84.0	84.1	84.1	84.0	84.0	84.0	84.0	84.0	84.0
	125	88.4	91.6	91.8	91.8	91.7	91.7	91.7	91.7	91.7	91.7
	250	94.7	95.4	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
	500	95.5	97.1	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0
	1000	91.8	97.1	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8
	2000	92.4	95.7	95.7	95.5	95.1	95.1	95.1	95.1	95.1	95.1
	4000	88.9	89.7	89.1	88.4	87.9	87.9	87.9	87.9	87.9	87.9
	8000	70.3	70.4	70.6	69.4	69.1	69.1	69.1	69.1	69.1	69.1
Overall A-weighted		100.5	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0

Table 7–B. Vestas Model V82 1650

Associated Project: Ravenswood Wind Farm											
Make: Vestas											
Model: V82 1650											
Electrical Rating: 1650 Kilowatts											
Hub Height (m): 80 metres											
Wind Shear Coefficient: 0.33											
Source of Data: Proof Line Wind Farm, Note to File, December 15, 2009 (Updated Noise Assessment)											
		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	81.9	85.4	88.9	90.6	91.4	88.9	90.6	91.4	90.2	90.2
	125	89.9	92.6	95.9	97.6	98.4	95.9	97.6	98.4	97.2	97.2
	250	96.0	98.0	100.5	101.0	101.8	100.5	101.0	101.8	100.6	100.6
	500	96.1	97.9	100.6	103.6	104.4	100.6	103.6	104.4	103.2	103.2
	1000	96.1	97.7	101.5	103.4	104.2	101.5	103.4	104.2	103.0	103.0
	2000	94.0	95.4	98.5	100.5	101.3	98.5	100.5	101.3	100.1	100.1
	4000	92.8	93.3	96.6	95.7	96.5	96.6	95.7	96.5	95.3	95.3
	8000	79.0	81.6	87.1	86.2	87.0	87.1	86.2	87.0	85.8	85.8
Overall A-weighted		102.5	104.2	107.3	109.0	109.8	107.3	109.0	109.8	108.6	108.6

Table 7–C. Siemens Model 2030-102

Associated Project: Suncor Energy Cedar Point Wind Power Project											
Make: Siemens											
Model: 2030-102											
Electrical Rating: 2030 Kilowatts											
Hub Height (m): 99.5 metres											
Wind Shear Coefficient: 0.33											
Source of Data: Provided by Suncor Energy Products Inc.											
		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	84.3	83.6	83.1	83.2	82.9	84.3	84.3	84.3	84.3	84.3
	125	90.2	89.0	88.1	87.6	86.7	90.2	90.2	90.2	90.2	90.2
	250	96.4	95.5	95.1	94.5	93.8	96.4	96.4	96.4	96.4	96.4
	500	95.2	95.5	95.5	95.3	95.1	95.2	95.2	95.2	95.2	95.2
	1000	96.0	96.3	96.1	96.0	96.3	96.0	96.0	96.0	96.0	96.0
	2000	94.4	94.7	95.2	95.4	95.9	94.4	94.4	94.4	94.4	94.4
	4000	83.8	87.0	89.3	91.2	91.4	83.8	83.8	83.8	83.8	83.8
	8000	66.9	70.7	73.1	73.1	73.0	66.9	66.9	66.9	66.9	66.9
Overall A-weighted		102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0

Table 7–D. Siemens Model 2126-103

Associated Project: Suncor Energy Cedar Point Wind Power Project											
Make: Siemens											
Model: 2126-103											
Electrical Rating: 2126 Kilowatts											
Hub Height (m): 99.5 metres											
Wind Shear Coefficient: 0.33											
Source of Data: Provided by Suncor Energy Products Inc.											
		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	84.6	83.9	83.3	83.4	83.2	84.6	84.6	84.6	84.6	84.6
	125	90.6	89.3	88.5	88.0	87.2	90.6	90.6	90.6	90.6	90.6
	250	97.0	96.3	96.3	95.7	95.0	97.0	97.0	97.0	97.0	97.0
	500	96.7	96.9	97.0	96.9	96.6	96.7	96.7	96.7	96.7	96.7
	1000	97.4	97.7	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4
	2000	95.0	95.2	96.0	96.2	96.8	95.0	95.0	95.0	95.0	95.0
	4000	84.0	87.0	89.3	91.2	91.4	84.0	84.0	84.0	84.0	84.0
	8000	66.3	70.4	73.0	73.1	73.0	66.3	66.3	66.3	66.3	66.3
Overall A-weighted		103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0

Table 7–E. Siemens Model 2221-104

Associated Project: Suncor Energy Cedar Point Wind Power Project and Suncor Adelaide Wind Power Project											
Make: Siemens											
Model: 2221-104											
Electrical Rating: 2221 Kilowatts											
Hub Height (m): 99.5 metres											
Wind Shear Coefficient: 0.33											
Source of Data: Provided by Suncor Energy Products Inc.											
		Octave Band Sound Power Level (dB(A))									
		Manufacturer's Emission Levels					Adjusted Emission Levels				
10 metre Height Wind Speed (m/s)		6	7	8	9	10	6	7	8	9	10
Frequency (Hz)	63	84.8	83.6	83.5	83.7	83.4	84.8	84.8	84.8	84.8	84.8
	125	90.9	91.3	88.8	88.3	87.5	90.9	90.9	90.9	90.9	90.9
	250	97.6	97.7	97.2	96.7	95.9	97.6	97.6	97.6	97.6	97.6
	500	98.2	98.0	97.8	97.7	97.4	98.2	98.2	98.2	98.2	98.2
	1000	98.8	98.7	98.0	98.0	98.3	98.8	98.8	98.8	98.8	98.8
	2000	95.6	95.4	97.1	97.4	97.9	95.6	95.6	95.6	95.6	95.6
	4000	84.1	87.8	90.8	92.7	92.9	84.1	84.1	84.1	84.1	84.1
	8000	65.6	71.2	74.5	74.6	74.5	65.6	65.6	65.6	65.6	65.6
Overall A-weighted		104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0

Table 8 Jericho Transformer Acoustic Emission Summary

Octave Band Centre Frequency (Hz)	31.5	63	125	250	500	1000	2000	4000	8000	Overall
Transformer Sound Power (dB(A))	56.0	75.2	87.3	89.8	95.2	92.4	88.6	83.4	74.3	98.8
Tonal Penalty (dB)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Resultant Transformer Sound Power (dB(A))	61.0	80.2	92.3	94.8	100.2	97.4	93.6	88.4	79.3	103.8

Table 9. Project Wind Turbine and Transformer Locations

Identifier	Project	Equipment Make & Model	UTM Coordinates (NAD83 Zone 17N)		Remarks
			Easting	Northing	
J_Trans	Jericho	Prolec 102/136/170 MVA Transformer	427098	4777771	Transformer
J_WTG1	Jericho	GE 1.6 - 100 LNTE	422934	4782626	-
J_WTG2	Jericho	GE 1.6 - 100 LNTE	425395	4782628	-
J_WTG3	Jericho	GE 1.6 - 100 LNTE	425072	4782306	-
J_WTG4	Jericho	GE 1.6 - 100 LNTE	426390	4782888	-
J_WTG6	Jericho	GE 1.6 - 100 LNTE	427880	4782909	-
J_WTG7	Jericho	GE 1.6 - 100 LNTE	429900	4783065	-
J_WTG8	Jericho	GE 1.6 - 100 LNTE	431218	4782647	-
J_WTG9	Jericho	GE 1.6 - 100 LNTE	432948	4782666	-
J_WTG10	Jericho	GE 1.6 - 100 LNTE	432980	4782332	-
J_WTG11	Jericho	GE 1.6 - 100 LNTE	423300	4781540	-
J_WTG12	Jericho	GE 1.6 - 100 LNTE	423455	4781110	-
J_WTG13	Jericho	GE 1.6 - 100 LNTE	425096	4781354	-
J_WTG14	Jericho	GE 1.6 - 100 LNTE	425407	4780588	-
J_WTG15	Jericho	GE 1.6 - 100 LNTE	425432	4779689	-
J_WTG16	Jericho	GE 1.6 - 100 LNTE	425427	4779324	-
J_WTG17	Jericho	GE 1.6 - 100 LNTE	425438	4779000	-
J_WTG18	Jericho	GE 1.6 - 100 LNTE	424671	4777622	-
J_WTG19	Jericho	GE 1.6 - 100 LNTE	426927	4781538	-
J_WTG20	Jericho	GE 1.6 - 100 LNTE	427625	4781512	-
J_WTG21	Jericho	GE 1.6 - 100 LNTE	426904	4779457	-
J_WTG22	Jericho	GE 1.6 - 100 LNTE	427490	4779351	-
J_WTG23	Jericho	GE 1.6 - 100 LNTE	426912	4779123	-
J_WTG24	Jericho	GE 1.6 - 100 LNTE	427496	4778951	-
J_WTG25	Jericho	GE 1.6 - 100 LNTE	426702	4778723	-
J_WTG26	Jericho	GE 1.6 - 100 LNTE	426793	4777497	-
J_WTG27	Jericho	GE 1.6 - 100 LNTE	429702	4781114	-
J_WTG28	Jericho	GE 1.6 - 100 LNTE	428834	4780429	-
J_WTG29	Jericho	GE 1.6 - 100 LNTE	429082	4779472	-
J_WTG30	Jericho	GE 1.6 - 100 LNTE	428966	4779176	-
J_WTG32	Jericho	GE 1.6 - 100 LNTE	432946	4780524	-
J_WTG33	Jericho	GE 1.6 - 100 LNTE	433468	4780620	-
J_WTG34	Jericho	GE 1.6 - 100 LNTE	433305	4778809	-
J_WTG35	Jericho	GE 1.6 - 100 LNTE	423023	4774153	-
J_WTG36	Jericho	GE 1.6 - 100 LNTE	423163	4773804	-
J_WTG37	Jericho	GE 1.6 - 100 LNTE	422709	4773370	-
J_WTG38	Jericho	GE 1.6 - 100 LNTE	422315	4772336	-
J_WTG39	Jericho	GE 1.6 - 100 LNTE	424752	4775510	-
J_WTG40	Jericho	GE 1.6 - 100 LNTE	424739	4774511	-
J_WTG41	Jericho	GE 1.6 - 100 LNTE	425265	4774348	-
J_WTG42	Jericho	GE 1.6 - 100 LNTE	425195	4773894	-
J_WTG43	Jericho	GE 1.6 - 100 LNTE	424568	4773358	-

Identifier	Project	Equipment Make &	UTM Coordinates (NAD83 Zone 17N)		Remarks
J_WTG44	Jericho	GE 1.6 - 100 LNTE	425250	4771778	-
J_WTG45	Jericho	GE 1.6 - 100 LNTE	427315	4775969	-
J_WTG46	Jericho	GE 1.6 - 100 LNTE	427344	4775093	-
J_WTG47	Jericho	GE 1.6 - 100 LNTE	427230	4774277	-
J_WTG48	Jericho	GE 1.6 - 100 LNTE	426991	4773869	-
J_WTG49	Jericho	GE 1.6 - 100 LNTE	426878	4773491	-
J_WTG50	Jericho	GE 1.6 - 100 LNTE	426937	4773188	-
J_WTG51	Jericho	GE 1.6 - 100 LNTE	426974	4772870	-
J_WTG52	Jericho	GE 1.6 - 100 LNTE	426800	4772226	-
J_WTG53	Jericho	GE 1.6 - 100 LNTE	426701	4771707	-
J_WTG54	Jericho	GE 1.6 - 100 LNTE	427078	4771459	-
J_WTG56	Jericho	GE 1.6 - 100 LNTE	429249	4775281	-
J_WTG57	Jericho	GE 1.6 - 100 LNTE	429070	4774660	-
J_WTG58	Jericho	GE 1.6 - 100 LNTE	428800	4774175	-
J_WTG59	Jericho	GE 1.6 - 100 LNTE	429218	4773628	-
J_WTG60	Jericho	GE 1.6 - 100 LNTE	428729	4772001	-
J_WTG61	Jericho	GE 1.6 - 100 LNTE	428870	4771602	-
J_WTG62	Jericho	GE 1.6 - 100 LNTE	428396	4771388	-
J_WTG63	Jericho	GE 1.6 - 100 LNTE	429171	4771190	-
J_WTG64	Jericho	GE 1.6 - 100 LNTE	429434	4770999	-
J_WTG65	Jericho	GE 1.6 - 100 LNTE	431622	4776681	-
J_WTG66	Jericho	GE 1.6 - 100 LNTE	430977	4775907	-
J_WTG67	Jericho	GE 1.6 - 100 LNTE	431368	4775755	-
J_WTG68	Jericho	GE 1.6 - 100 LNTE	430927	4775519	-
J_WTG69	Jericho	GE 1.6 - 100 LNTE	431033	4775239	-
J_WTG70	Jericho	GE 1.6 - 100 LNTE	431153	4774338	-
J_WTG71	Jericho	GE 1.6 - 100 LNTE	431413	4773975	-
J_WTG72	Jericho	GE 1.6 - 100 LNTE	431241	4773292	-
J_WTG73	Jericho	GE 1.6 - 100 LNTE	431190	4771673	-
J_WTG74	Jericho	GE 1.6 - 100 LNTE	431458	4771501	-
J_WTG75	Jericho	GE 1.6 - 100 LNTE	430375	4770394	-
J_WTG76	Jericho	GE 1.6 - 100 LNTE	430783	4770250	-
J_WTG78	Jericho	GE 1.6 - 100 LNTE	433148	4776918	-
J_WTG79	Jericho	GE 1.6 - 100 LNTE	433468	4776776	-
J_WTG80	Jericho	GE 1.6 - 100 LNTE	433011	4775171	-
J_WTG81	Jericho	GE 1.6 - 100 LNTE	433464	4775119	-
J_WTG82	Jericho	GE 1.6 - 100 LNTE	433893	4775152	-
J_WTG83	Jericho	GE 1.6 - 100 LNTE	433198	4773791	-
J_WTG84	Jericho	GE 1.6 - 100 LNTE	433120	4773447	-
J_WTG85	Jericho	GE 1.6 - 100 LNTE	433574	4773553	-
J_WTG86	Jericho	GE 1.6 - 100 LNTE	432842	4771321	-
J_WTG88	Jericho	GE 1.6 - 100 LNTE	423333	4771025	-
J_WTG89	Jericho	GE 1.6 - 100 LNTE	423570	4770500	-
J_WTG90	Jericho	GE 1.6 - 100 LNTE	424258	4770677	-
J_WTG91	Jericho	GE 1.6 - 100 LNTE	425041	4770310	-

Identifier	Project	Equipment Make &	UTM Coordinates (NAD83 Zone 17N)		Remarks
J_WTG92	Jericho	GE 1.6 - 100 LNTE	425439	4770368	-
J_WTG94	Jericho	GE 1.6 - 100 LNTE	430779	4768868	-
J_WTG96	Jericho	GE 1.6 - 100 LNTE	423842	4769183	-
J_WTG97	Jericho	GE 1.6 - 100 LNTE	423840	4768848	-
J_WTG102	Jericho	GE 1.6 - 100 LNTE	433049	4766446	-
J_WTG103	Jericho	GE 1.6 - 100 LNTE	433371	4766165	-
J_WTG104	Jericho	GE 1.6 - 100 LNTE	423276	4765200	-
J_WTG105	Jericho	GE 1.6 - 100 LNTE	421483	4763567	-
J_WTG106	Jericho	GE 1.6 - 100 LNTE	426830	4783362	-
J_WTG107	Jericho	GE 1.6 - 100 LNTE	433424	4776577	-
J_WTG108	Jericho	GE 1.6 - 100 LNTE	432869	4771130	-
J_WTG109	Jericho	GE 1.6 - 100 LNTE	429142	4769404	-
J_WTG112	Jericho	GE 1.6 - 100 LNTE	429214	4773348	-

Table 10. Non-Project Wind Turbine and Transformer Locations modelled as part of Noise Impact Assessment

Identifier	Project	Equipment Make & Model	UTM Coordinates (NAD83 Zone 17N)		Remarks
			Easting	Northing	
B_WTG12	Bornish	GE 1.6 - 100 LNTE	438297	4774740	-
B_WTG28	Bornish	GE 1.6 - 100 LNTE	438099	4773385	-
B_WTG29	Bornish	GE 1.6 - 100 LNTE	438407	4773226	-
B_WTG30	Bornish	GE 1.6 - 100 LNTE	438971	4773061	-
B_WTG46	Bornish	GE 1.6 - 100 LNTE	437898	4772729	-
B_WTG48	Bornish	GE 1.6 - 100 LNTE	438655	4774608	-
R_WTG1	Ravenswood	Vestas V82	420250	4780721	-
R_WTG2	Ravenswood	Vestas V82	420389	4780308	-
R_WTG3	Ravenswood	Vestas V82	420207	4781572	-
R_WTG4	Ravenswood	Vestas V82	421256	4780873	-
R_WTG5	Ravenswood	Vestas V82	420208	4781269	-
R_WTG6	Ravenswood	Vestas V82	420923	4780537	-
S_WTG1	Suncor Cedar Point	Siemens 2126 - 103	423325	4779947	-
S_WTG2	Suncor Cedar Point	Siemens 2126 - 103	423377	4779347	-
S_WTG4	Suncor Cedar Point	Siemens 2221 - 104	422879	4778982	-
S_WTG5	Suncor Cedar Point	Siemens 2221 - 104	423245	4778344	-
S_WTG6	Suncor Cedar Point	Siemens 2221 - 104	422802	4778019	-
S_WTG7	Suncor Cedar Point	Siemens 2221 - 104	421230	4778183	-
S_WTG8	Suncor Cedar Point	Siemens 2221 - 104	422865	4777231	-
S_WTG9	Suncor Cedar Point	Siemens 2221 - 104	422893	4775653	-
S_WTG10	Suncor Cedar Point	Siemens 2030 - 102	419153	4777370	-
S_WTG11	Suncor Cedar Point	Siemens 2221 - 104	422661	4775135	-
S_WTG13	Suncor Cedar Point	Siemens 2126 - 103	419265	4776572	-
S_WTG14	Suncor Cedar Point	Siemens 2126 - 103	419035	4775996	-
S_WTG15	Suncor Cedar Point	Siemens 2221 - 104	420667	4774508	-
S_WTG16	Suncor Cedar Point	Siemens 2221 - 104	421160	4774047	-

Identifier	Project	Equipment Make &	UTM Coordinates (NAD83 Zone 17N)		Remarks
S_WTG17	Suncor Cedar Point	Siemens 2221 - 104	419179	4775153	-
S_WTG18	Suncor Cedar Point	Siemens 2221 - 104	420545	4773644	-
S_WTG19	Suncor Cedar Point	Siemens 2221 - 104	418499	4774532	-
S_WTG20	Suncor Cedar Point	Siemens 2221 - 104	420881	4773009	-
S_WTG25	Suncor Cedar Point	Siemens 2126 – 103	417026	4774693	-
S_WTG26	Suncor Cedar Point	Siemens 2221 - 104	421545	4770967	-
S_WTG29	Suncor Cedar Point	Siemens 2221 - 104	420519	4770627	-
S_WTG82	Suncor Cedar Point	Siemens 2221 – 104	421271	4777618	-
SA_WTG22	Suncor Adelaide	Siemens 2221 – 104	438309	4763209	-
SA_WTG23	Suncor Adelaide	Siemens 2221 – 104	438309	4763703	-
SA_WTG24	Suncor Adelaide	Siemens 2221 - 104	436172	4763648	-
SA_WTG26	Suncor Adelaide	Siemens 2221 - 104	436111	4764848	-
SA_WTG27	Suncor Adelaide	Siemens 2221 - 104	435962	4765466	-
SA_WTG28	Suncor Adelaide	Siemens 2221 - 104	435864	4766263	-

Table 11. Concordance Table

POR UTM coordinates		POR ID			Distance to nearest source, m			Nearest source ID			Level of farm, dB(A) ⁽¹⁾			Level, dB(A)
Easting, m	Northing, m	Jericho	SC Adelaide ⁽²⁾	SC Cedar Point	Jericho	SC Adelaide	SC Cedar Point	Jericho	SC Adelaide	SC Cedar Point	Jericho	SC Adelaide	SC Cedar Point	Total ⁽³⁾
433648	4767024	–	R007 ⁽⁴⁾	–	830	2343	12726	J_WTG102	28	CP 26	–	–	–	–
422821	4771217	–	–	235 ⁽⁵⁾	546	13952	1297	J_WTG88	28	CP 26	–	–	29.8	–
426154	4776453	–	–	1141 ⁽⁶⁾	1135	14076	3358	J_WTG26	28	CP 9	–	–	–	–
422342	4780410	JER2460	–	1634	1315	19570	1087	J_WTG12	27	CP 1	31.0	–	32.7	40.1
424153	4780488	JER2464	–	1675	935	18425	989	J_WTG12	27	CP 1	36.0	–	–	38.3
424057	4779590	JER2465	–	1666	1379	17805	723	J_WTG15	27	CP 2	34.1	–	35.7	39.3
424155	4779848	JER2467	–	1673	1287	17935	836	J_WTG15	27	CP 1	34.8	–	35.3	38.7
428208	4779622	JER2499	–	1773	767	15397	4839	J_WTG22	27	CP 2	39.2	–	34.1	39.2
424138	4778934	JER2504	–	1672	1302	17264	865	J_WTG17	27	CP 2	34.2	–	32.1	38.7
424016	4777913	JER2507	–	1659	717	16616	883	J_WTG18	27	CP 5	35.3	–	33.1	38.9
424020	4777479	JER2509	–	1660	667	16312	1161	J_WTG18	27	CP 5	35.6	–	–	38.5
423993	4776386	JER2520	–	1654	1159	15601	1322	J_WTG39	27	CP 9	33.2	–	–	36.2
424003	4776729	JER2521	–	1657	1115	15818	1244	J_WTG18	27	CP 8	33.1	–	31.8	36.4
424104	4776727	JER2522	–	1669	1059	15741	1338	J_WTG18	27	CP 8	33.4	–	–	36.3
424106	4777278	JER2523	–	1670	661	16112	1242	J_WTG18	27	CP 8	35.7	–	–	38.0
424085	4776408	JER2524	–	1668	1119	15546	1411	J_WTG39	27	CP 9	33.5	–	–	36.1
425808	4776837	JER2526	–	2492	1186	14592	2969	J_WTG26	27	CP 8	35.1	–	–	35.1
426046	4776559	JER2527	–	2469	1199	14227	3251	J_WTG26	27	CP 8	35.1	–	–	35.1
424078	4776201	JER2528	–	1667	965	15417	1306	J_WTG39	27	CP 9	34.0	–	–	36.4
426030	4777631	JER2529	–	2473	775	15031	2875	J_WTG26	27	CP 5	27.6	–	–	37.1
427264	4778036	JER2532	–	2472	716	14580	4031	J_WTG26	27	CP 5	39.8	–	–	39.7
425554	4778079	JER2535	–	2481	928	15682	2324	J_WTG17	27	CP 5	37.3	–	–	37.5
426038	4778226	JER2536	–	2474	829	15481	2795	J_WTG25	27	CP 5	38.5	–	–	38.3
428312	4778421	JER2541	–	2468	973	14313	5021	J_WTG24	27	CP 2	36.9	–	30.5	36.8
428149	4777758	JER2542	–	2487	1360	13844	4939	J_WTG24	27	CP 5	35.0	–	34.5	34.8
428673	4777992	JER2543	–	2479	1220	13758	5439	J_WTG30	27	CP 5	34.6	–	35.3	34.5
428224	4776457	JER2566	–	2645	1032	12739	5325	J_WTG45	27	CP 5	35.2	–	31.3	35.0
428204	4776315	JER2567	–	2646	954	12638	5352	J_WTG45	27	CP 9	35.6	–	33.8	35.5
428149	4776988	JER2568	–	2488	1317	13212	5088	J_WTG45	27	CP 5	34.4	–	30.5	34.2
428117	4777182	JER2572	–	2477	1361	13388	5009	J_WTG26	27	CP 5	34.4	–	35.9	34.2
427050	4777012	JER2573	–	2485	550	13901	4031	J_WTG26	27	CP 5	39.7	–	36.5	38.9
427201	4776984	JER2574	–	2470	655	13784	4183	J_WTG26	27	CP 5	38.7	–	36.3	37.4
426407	4776565	JER2575	–	2490	1009	13984	3604	J_WTG26	27	CP 8	36.0	–	33.6	35.8
422928	4771732	JER2645	–	1642	815	14045	1578	J_WTG88	27	CP 26	36.7	–	28.3	37.4
422633	4771620	JER2648	–	1636	783	14274	1266	J_WTG38	27	CP 26	36.4	–	–	37.4
421829	4772980	JER2649	–	1605	807	15560	948	J_WTG38	27	CP 20	35.5	–	–	38.4
421937	4773617	JER2652	–	1616	811	15749	888	J_WTG37	27	CP 16	35.5	–	36.3	38.9
423970	4775618	JER2685	–	1652	789	15132	1078	J_WTG39	27	CP 9	35.5	–	37	37.6
424048	4775086	JER2686	–	1664	822	14747	1287	J_WTG39	27	CP 9	37.0	–	36	38.2
423654	4774970	JER2687	–	1646	1032	14997	1007	J_WTG35	27	CP 11	35.8	–	36.2	38.3
424034	4774717	JER2688	–	1663	734	14540	1435	J_WTG40	27	CP 11	37.7	–	–	38.6
421504	4771955	JER2693	–	1599	896	15447	989	J_WTG38	27	CP 26	33.1	–	29.8	36.9
421088	4771950	JER2695	–	1598	1286	15833	1079	J_WTG38	27	CP 20	30.2	–	30	36.3
421861	4774126	JER2698	–	1607	1136	16060	705	J_WTG37	27	CP 16	33.6	–	29.3	39.1
421947	4773933	JER2699	–	1617	947	15891	795	J_WTG37	27	CP 16	34.8	–	–	38.9
421983	4774746	JER2701	–	1621	1197	16268	782	J_WTG35	27	CP 11	32.1	–	–	38.5
421862	4774687	JER2702	–	1609	1278	16341	916	J_WTG35	27	CP 11	31.7	–	–	38.3
421897	4771858	JER2829	–	1610	635	15046	957	J_WTG38	27	CP 26	36.0	–	–	38.1
422939	4770485	JER2830	–	1643	631	13597	1472	J_WTG89	27	CP 26	38.4	–	–	38.8
424020	4774264	JER3169	–	1661	760	14293	1614	J_WTG40	27	CP 11	38.4	–	–	39.0
423926	4774162	JER3170	–	1649	843	14315	1596	J_WTG36	27	CP 11	38.4	–	–	39.0
428173	4778634	JER3178	–	2486	748	14567	4848	J_WTG24	27	CP 2	38.3	–	–	38.2
428454	4778122	JER3179	–	2480	1172	13984	5214	J_WTG30	27	CP 5	35.4	–	–	35.3
424025	4778493	JER3180	–	1662	1084	17022	794	J_WTG18	27	CP 5	33.7	–	30	39.0
423994	4780194	JER3204	–	1651	1063	18302	713	J_WTG12	27	CP 1	34.9	–	34.8	39.0

POR UTM coordinates		POR ID			Distance to nearest source, m			Nearest source ID			Level of farm, dB(A) ⁽¹⁾			Level, dB(A)
Easting, m	Northing, m	Jericho	SC Adelaide ⁽²⁾	SC Cedar Point	Jericho	SC Adelaide	SC Cedar Point	Jericho	SC Adelaide	SC Cedar Point	Jericho	SC Adelaide	SC Cedar Point	Total ⁽³⁾
422676	4781775	JER3240	-	1060	667	20360	1940	J_WTG11	27	CP 1	37.1	-	36.2	39.4
421743	4774479	JER3335	-	1031	1321	16337	726	J_WTG35	27	CP 16	31.7	-	29.7	38.9
421972	4774374	JER3336	-	1041	1074	16087	875	J_WTG35	27	CP 16	33.5	-	33.2	38.6
421852	4773699	JER3340	-	218	918	15863	775	J_WTG37	27	CP 16	34.6	-	-	39.0
433546	4767027	JER3377	R005	-	765	2441	12628	J_WTG102	27	CP 26	35.0	-	-	35.4
433689	4767173	JER3378	R009	-	969	2358	12720	J_WTG102	27	CP 26	32.9	-	32.1	33.4
422262	4769896	JER4038	-	228	1441	14079	1287	J_WTG89	27	CP 26	31.8	-	32.5	34.0
422334	4769991	JER4039	-	342	1337	14034	1253	J_WTG89	27	CP 26	32.4	-	33.1	34.4
422347	4769878	JER4040	-	229	1372	13992	1351	J_WTG89	27	CP 26	32.2	-	33.2	34.0
422797	4769874	JER4041	-	345	995	13557	1660	J_WTG89	27	CP 26	34.8	-	36.2	35.5
422938	4770007	JER4042	-	346	802	13457	1689	J_WTG89	27	CP 26	36.2	-	37.4	36.7
433937	4767485	JER4528	R023	-	1367	2282	12869	J_WTG102	27	CP 26	29.6	-	35.4	30.7
433932	4766329	JER4531	R021	-	584	1933	13224	J_WTG103	27	CP 26	36.7	-	29.9	37.1
433939	4765265	JER4532	R024	-	1064	2033	13640	J_WTG103	26	CP 26	30.6	-	-	32.4
433858	4765045	JER4533	R016	-	1221	2146	13660	J_WTG103	26	CP 26	29.7	-	-	31.9
427849	4776655	JER4634	-	2441	869	13124	4904	J_WTG45	27	CP 5	35.9	-	31.1	35.6
428210	4776726	JER4635	-	2444	1172	12964	5222	J_WTG45	27	CP 5	34.6	-	-	34.4
428331	4776778	JER4636	-	2461	1299	12935	5322	J_WTG45	27	CP 5	34.3	-	-	34.1
428112	4777381	JER4638	-	2451	1324	13554	4961	J_WTG26	27	CP 5	34.5	-	-	34.3
428174	4778232	JER4641	-	2448	988	14226	4924	J_WTG24	27	CP 2	36.4	-	-	36.3
428296	4778595	JER4642	-	2437	876	14469	4976	J_WTG24	27	CP 2	37.8	-	34	37.7
428187	4778562	JER4643	-	2466	793	14498	4873	J_WTG24	27	CP 2	37.9	-	37.1	37.8
428277	4778831	JER4646	-	2453	771	14681	4927	J_WTG30	27	CP 2	38.8	-	32.6	38.8
434587	4767025	JER4710	R042 (43)	-	1489	1487	13622	J_WTG103	27	CP 26	28.1	28.7	-	31.5
426056	4777945	JER5038	-	2449	862	15253	2839	J_WTG26	27	CP 5	38.1	-	32.6	37.6
426093	4776880	JER5039	-	1133	933	14429	3202	J_WTG26	27	CP 5	35.9	-	32.1	35.6
426162	4776767	JER5040	-	2463	965	14299	3316	J_WTG26	27	CP 5	35.8	-	33.1	35.5
426151	4776453	JER5042	-	2462	1226	14078	3355	J_WTG26	27	CP 9	35.2	-	31.9	35.1
422990	4771610	JER5128	-	236	678	13940	1579	J_WTG88	27	CP 26	37.2	-	-	37.8
422680	4771821	JER5129	-	232	631	14308	1418	J_WTG38	27	CP 26	37.2	-	-	38.0
421456	4772092	JER5132	-	210	893	15542	1082	J_WTG38	27	CP 20	33.1	-	-	37.0
421300	4772130	JER5133	-	209	1036	15701	974	J_WTG38	27	CP 20	31.9	-	-	36.8
421193	4772149	JER5134	-	278	1137	15808	915	J_WTG38	27	CP 20	31.2	-	-	36.8
420999	4772330	JER5135	-	1016	1316	16055	689	J_WTG38	27	CP 20	30.2	-	-	37.8
421176	4772070	JER5141	-	1023	1170	15794	984	J_WTG38	27	CP 20	31.0	-	-	36.6
421937	4771800	JER5142	-	1038	656	14987	919	J_WTG38	27	CP 26	35.8	-	-	38.0
422237	4771756	JER5143	-	227	585	14692	1047	J_WTG38	27	CP 26	37.0	-	-	38.4
422796	4770407	JER5159	-	343	780	13709	1368	J_WTG89	27	CP 26	36.7	-	-	37.4
422830	4771255	JER5160	-	2611	553	13957	1314	J_WTG88	27	CP 26	38.1	-	-	38.7
421813	4772093	JER5175	-	1035	558	15212	1157	J_WTG38	27	CP 26	36.9	-	-	38.6
424013	4774043	JER5185	-	1091	864	14177	1738	J_WTG40	27	CP 11	38.6	-	-	39.1
423927	4774319	JER5188	-	1086	834	14401	1506	J_WTG40	27	CP 11	38.2	-	30.5	38.9
423966	4775180	JER5189	-	239	852	14869	1173	J_WTG39	27	CP 9	36.3	-	34.5	38.0
423879	4775438	JER5191	-	1084	876	15094	1009	J_WTG39	27	CP 9	35.3	-	32.6	37.8
424253	4775884	JER5193	-	1099	624	15079	1379	J_WTG39	27	CP 9	36.7	-	31.3	37.9
424110	4776999	JER5265	-	241	838	15919	1266	J_WTG18	27	CP 8	34.3	-	33.8	37.0
424015	4777016	JER5266	-	1092	893	16001	1170	J_WTG18	27	CP 8	33.8	-	30.5	37.0
424147	4777441	JER5267	-	279	554	16194	1276	J_WTG18	27	CP 5	37.1	-	34.3	38.9
424063	4778817	JER5270	-	10	1341	17230	866	J_WTG18	27	CP 2	33.7	-	34.6	38.9
424051	4779275	JER5271	-	1094	1377	17574	678	J_WTG16	27	CP 2	33.9	-	36.8	39.3
424295	4779258	JER5272	-	1100	1134	17399	922	J_WTG16	27	CP 2	35.2	-	35.9	38.5
424062	4780093	JER5274	-	350	1184	18181	751	J_WTG12	27	CP 1	34.8	-	36.5	38.8
424062	4780140	JER5275	-	240	1144	18217	762	J_WTG12	27	CP 1	34.9	-	36.3	38.7
424182	4780917	JER5277	-	243	752	18741	1294	J_WTG12	27	CP 1	37.4	-	33.6	38.7
427222	4778179	JER5563	-	2465	753	14720	3980	J_WTG25	27	CP 5	40.0	-	-	39.9
424819	4778152	JER5564	-	2452	550	16228	1586	J_WTG18	27	CP 5	38.3	-	-	39.1
424723	4778246	JER5565	-	2446	626	16362	1481	J_WTG18	27	CP 5	37.6	-	-	38.7
424340	4776862	JER5566	-	280	829	15657	1520	J_WTG18	27	CP 8	34.7	-	-	36.5

POR UTM coordinates		POR ID			Distance to nearest source, m			Nearest source ID			Level of farm, dB(A) ⁽¹⁾			Level, dB(A)
Easting, m	Northing, m	Jericho	SC Adelaide ⁽²⁾	SC Cedar Point	Jericho	SC Adelaide	SC Cedar Point	Jericho	SC Adelaide	SC Cedar Point	Jericho	SC Adelaide	SC Cedar Point	Total ⁽³⁾
424403	4776892	JER5567	–	281	778	15631	1575	J_WTG18	27	CP 8	35.1	–	36.3	36.6
426595	4776820	JER5572	–	2440	705	14049	3680	J_WTG26	27	CP 5	37.6	–	35.6	37.0
426856	4776815	JER5573	–	2443	685	13874	3921	J_WTG26	27	CP 5	38.1	–	–	37.3
428334	4776898	JER5574	–	2464	1379	13031	5290	J_WTG45	27	CP 5	34.2	–	37	34.0
423578	4774876	JER5584	–	1079	911	15004	953	J_WTG35	27	CP 11	36.2	–	36	38.6
421993	4775108	JER5585	–	1045	1405	16451	669	J_WTG35	27	CP 11	30.6	–	36.2	38.7
422099	4780505	JER6562	–	1622	1485	19807	1347	J_WTG12	27	CP 1	30.1	–	–	41.5
423961	4775889	JER6563	–	1650	877	15308	1094	J_WTG39	27	CP 9	34.5	–	–	37.1
433936	4767122	JER6586	R022	–	1111	2111	12971	J_WTG103	27	CP 26	31.8	–	29.8	32.7

Notes:

(1) - The individual levels provided in this table are taken from the relevant noise impact assessment reports, being the *Suncor Adelaide Wind Power Project Noise Assessment Report* by HGC Engineering dated July 2013 and the *Cedar Point Wind Power Project Noise Assessment Report* by HGC Engineering, dated June 2013.

(2) - Between the date of first concordance and later revisions, the *Suncor Adelaide Wind Power Project Noise Assessment Report* was updated to include a much greater number of receptors, and receptor IDs were changed. For consistency, the original receptor numbers are used in this table. However, there is only one receptor that is within 1500 metres of both Suncor Adelaide and NextEra Jericho wind turbine generators: JER4710. This receptor was originally identified as R042 in the earliest revision of the Suncor Adelaide Noise Report, but in later revisions was changed to be receptor 43. For clarity, the new value is provided in parentheses in this table.

(3) - The total presented in this column is not the logarithmic sum of the individual levels from each report, but the total obtained by noise modelling of all noise sources associated with the three projects, and other planned or existing projects within 5km as per the Ontario Ministry of the Environment *Noise Guidelines for Wind Farms*.

(4) - Suncor Adelaide receptor R007 is located on the same parcel as Suncor Adelaide receptor R013. This parcel is a Vacant Lot Participating Receptor in the Jericho Wind Energy Centre assessment, receptor JER4530

(5) - Suncor Cedar Point receptor 235 is located on the same parcel as Suncor Cedar Point receptor 2611. Ground-truthing identified that Suncor receptor 235 was placed on a garage/barn structure, with 2611 placed on the associated residence. This parcel has Non Participating Receptor JER5160 in the Jericho Wind Energy Centre assessment.

(6) - Suncor Cedar Point receptor 1141 is located on the same parcel as Suncor Cedar Point receptor 2462, and they are within 3 metres of each other. This parcel has Non Participating Receptor JER5042 in the Jericho Wind Energy Centre assessment.

Noise Impact Summary Table

Notes to Table:

1. As per section 6.1 a), of PIBS 4709e, points of reception up to 2000 metres are identified in the table and the project site plan. However, as per sections 6.3 and 6.4.1 noise levels have only been predicted for points of reception within 1500 metres of a Project wind turbine. Therefore the noise level results for points of reception at distances of greater than 1500 metres from the nearest Project wind turbine appear as dashes (-). The associated limits and compliance columns also appear as dashes (-) for these entries as compliance assessment is not required by the guideline.
2. Participating receptors are not subject to the MOE noise limits and in these cases the noise limit entries are represented as dashes (-), in such cases the associated compliance column also appears as a dash (-) since a compliance assessment is not required.

Table Abbreviations:

NP	–	Non-participating Point of Reception
VNP	–	Non-participating Vacant Lot Point of Reception
PR	–	Participating Point of Reception
VPR	–	Participating Vacant Lot Point of Reception
C	–	Compliant with MOE sound level limits for Wind Turbines in Class 3 areas (See Table 1)
NC	–	Not Compliant with MOE sound level limits for Wind Turbines in Class 3 areas (See Table 1)

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER3161	NP	4.5	426543	4770770	872	J_WTG54	7023	37.2	37.2	37.2	37.2	37.2	40	43	45	49	51	C
JER3202	NP	4.5	423481	4776692	1510	J_WTG18	3775	-	-	-	-	-	-	-	-	-	-	-
JER3204	NP	4.5	423994	4780194	1063	J_WTG12	3938	38.7	38.9	39.0	38.8	38.8	40	43	45	49	51	C
JER3205	NP	4.5	426028	4780159	755	J_WTG14	2617	39.3	39.4	39.4	39.3	39.3	40	43	45	49	51	C
JER3208	NP	4.5	424371	4783011	994	J_WTG3	5907	35.4	35.5	35.6	35.5	35.5	40	43	45	49	51	C
JER3210	NP	4.5	423016	4782058	574	J_WTG1	5920	39.9	40.1	40.2	40.1	40.1	40	43	45	49	51	C
JER3211	NP	4.5	422852	4782004	627	J_WTG1	5996	39.3	39.6	39.8	39.5	39.5	40	43	45	49	51	C
JER3212	NP	4.5	422831	4781911	598	J_WTG11	5945	39.3	39.6	39.8	39.5	39.5	40	43	45	49	51	C
JER3213	NP	4.5	422265	4781794	1066	J_WTG11	6288	37.4	38.4	38.9	38.2	38.2	40	43	45	49	51	C
JER3214	NP	4.5	421400	4782644	1534	J_WTG1	7498	-	-	-	-	-	-	-	-	-	-	-
JER3215	NP	4.5	421172	4783226	1861	J_WTG1	8054	-	-	-	-	-	-	-	-	-	-	-
JER3216	NP	4.5	421247	4783021	1733	J_WTG1	7861	-	-	-	-	-	-	-	-	-	-	-
JER3217	NP	4.5	421226	4783076	1766	J_WTG1	7913	-	-	-	-	-	-	-	-	-	-	-
JER3218	NP	4.5	421220	4783550	1947	J_WTG1	8243	-	-	-	-	-	-	-	-	-	-	-
JER3224	NP	4.5	421113	4783185	1905	J_WTG1	8070	-	-	-	-	-	-	-	-	-	-	-
JER3225	NP	4.5	421113	4783142	1893	J_WTG1	8042	-	-	-	-	-	-	-	-	-	-	-
JER3226	NP	4.5	421155	4783048	1828	J_WTG1	7948	-	-	-	-	-	-	-	-	-	-	-
JER3227	NP	4.5	421149	4782978	1819	J_WTG1	7906	-	-	-	-	-	-	-	-	-	-	-
JER3228	NP	4.5	421521	4781858	1608	J_WTG1	6914	-	-	-	-	-	-	-	-	-	-	-
JER3229	NP	4.5	421423	4781527	1868	J_WTG1	6805	-	-	-	-	-	-	-	-	-	-	-
JER3236	NP	4.5	421510	4781474	1791	J_WTG11	6704	-	-	-	-	-	-	-	-	-	-	-
JER3237	NP	4.5	421819	4781938	1310	J_WTG1	6725	37.4	38.9	39.5	38.5	38.5	40	43	45	49	51	C
JER3238	NP	4.5	422297	4781539	1003	J_WTG11	6103	37.8	38.9	39.5	38.7	38.7	40	43	45	49	51	C
JER3240	NP	4.5	422676	4781775	667	J_WTG11	5965	38.6	39.1	39.4	39.0	39.0	40	43	45	49	51	C
JER3243	NP	4.5	422798	4781888	611	J_WTG11	5953	39.1	39.5	39.7	39.4	39.4	40	43	45	49	51	C
JER3244	NP	4.5	421741	4781247	1586	J_WTG11	6386	-	-	-	-	-	-	-	-	-	-	-
JER3245	NP	4.5	421722	4781300	1596	J_WTG11	6431	-	-	-	-	-	-	-	-	-	-	-
JER3245A	NP	4.5	421715	4781332	1598	J_WTG11	6454	-	-	-	-	-	-	-	-	-	-	-
JER3247	NP	4.5	421709	4781372	1600	J_WTG11	6481	-	-	-	-	-	-	-	-	-	-	-
JER3248	NP	4.5	422131	4780012	1720	J_WTG12	5449	-	-	-	-	-	-	-	-	-	-	-
JER3249	NP	4.5	422149	4779830	1829	J_WTG12	5360	-	-	-	-	-	-	-	-	-	-	-
JER3280	NP	4.5	423988	4778449	1073	J_WTG18	3183	39.0	39.1	39.2	39.1	39.1	40	43	45	49	51	C
JER3281	NP	4.5	430110	4776432	1014	J_WTG66	3296	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER3446	NP	4.5	432372	4769323	1657	J_WTG94	9959	-	-	-	-	-	-	-	-	-	-	-	-
JER3447	NP	4.5	431865	4769408	1213	J_WTG94	9626	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	
JER3448	NP	4.5	432105	4769379	1421	J_WTG94	9772	32.2	32.2	32.2	32.2	32.2	40	43	45	49	51	C	
JER3449	NP	4.5	432417	4769334	1703	J_WTG94	9974	-	-	-	-	-	-	-	-	-	-	-	
JER3450	NP	4.5	432320	4769352	1615	J_WTG94	9907	-	-	-	-	-	-	-	-	-	-	-	
JER3451	NP	4.5	431485	4769483	936	J_WTG94	9377	35.2	35.2	35.2	35.2	35.2	40	43	45	49	51	C	
JER3452	NP	4.5	432272	4769364	1573	J_WTG94	9872	-	-	-	-	-	-	-	-	-	-	-	
JER3453	NP	4.5	432424	4769341	1712	J_WTG94	9972	-	-	-	-	-	-	-	-	-	-	-	
JER3455	NP	4.5	432374	4769351	1667	J_WTG94	9936	-	-	-	-	-	-	-	-	-	-	-	
JER3456	NP	4.5	431981	4769414	1320	J_WTG94	9679	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C	
JER3457	NP	4.5	432348	4769357	1643	J_WTG94	9918	-	-	-	-	-	-	-	-	-	-	-	
JER3458	NP	4.5	432048	4769402	1377	J_WTG94	9723	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C	
JER3459	NP	4.5	431454	4769504	927	J_WTG94	9344	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C	
JER3462	NP	4.5	431913	4769435	1268	J_WTG94	9627	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C	
JER3463	NP	4.5	431934	4769432	1285	J_WTG94	9640	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C	
JER3464	NP	4.5	431428	4769515	916	J_WTG94	9323	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C	
JER3465	NP	4.5	432207	4769392	1521	J_WTG94	9814	-	-	-	-	-	-	-	-	-	-	-	
JER3466	NP	4.5	432318	4769377	1621	J_WTG94	9885	-	-	-	-	-	-	-	-	-	-	-	
JER3467	NP	4.5	432037	4769423	1375	J_WTG94	9700	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C	
JER3537	NP	4.5	432232	4769396	1546	J_WTG94	9823	-	-	-	-	-	-	-	-	-	-	-	
JER3539	NP	4.5	432274	4769390	1584	J_WTG94	9850	-	-	-	-	-	-	-	-	-	-	-	
JER3540	NP	4.5	432414	4769370	1710	J_WTG94	9942	-	-	-	-	-	-	-	-	-	-	-	
JER3541	NP	4.5	432066	4769427	1403	J_WTG94	9711	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C	
JER3542	NP	4.5	432370	4769381	1672	J_WTG94	9909	-	-	-	-	-	-	-	-	-	-	-	
JER3543	NP	4.5	432171	4769413	1495	J_WTG94	9777	32.1	32.1	32.1	32.1	32.1	40	43	45	49	51	C	
JER3544	NP	4.5	431252	4769560	834	J_WTG76	9202	36.6	36.6	36.6	36.6	36.6	40	43	45	49	51	C	
JER3545	NP	4.5	432106	4769427	1440	J_WTG94	9732	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C	
JER3546	NP	4.5	431288	4769559	856	J_WTG76	9219	36.4	36.4	36.4	36.4	36.4	40	43	45	49	51	C	
JER3547	NP	4.5	432134	4769412	1460	J_WTG94	9759	32.2	32.2	32.2	32.2	32.2	40	43	45	49	51	C	
JER3549	NP	4.5	431981	4769456	1338	J_WTG94	9643	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C	
JER3550	NP	4.5	432021	4769453	1373	J_WTG94	9666	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C	
JER3551	NP	4.5	431471	4769546	969	J_WTG94	9315	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C	
JER3552	NP	4.5	431210	4769588	788	J_WTG76	9158	36.9	36.9	36.9	36.9	36.9	40	43	45	49	51	C	

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER3588	NP	4.5	432319	4769477	1656	J_WTG94	9800	-	-	-	-	-	-	-	-	-	-	-	-
JER3589	NP	4.5	432379	4769469	1709	J_WTG94	9839	-	-	-	-	-	-	-	-	-	-	-	-
JER3590	NP	4.5	432349	4769474	1683	J_WTG94	9819	-	-	-	-	-	-	-	-	-	-	-	-
JER3591	NP	4.5	432052	4769525	1433	J_WTG94	9620	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C	
JER3592	NP	4.5	432279	4769502	1628	J_WTG94	9758	-	-	-	-	-	-	-	-	-	-	-	-
JER3593	NP	4.5	432069	4769531	1450	J_WTG94	9623	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C	
JER3594	NP	4.5	432315	4769493	1658	J_WTG94	9785	-	-	-	-	-	-	-	-	-	-	-	-
JER3595	NP	4.5	432176	4769515	1540	J_WTG94	9693	-	-	-	-	-	-	-	-	-	-	-	-
JER3596	NP	4.5	432322	4769496	1666	J_WTG94	9786	-	-	-	-	-	-	-	-	-	-	-	-
JER3597	NP	4.5	432418	4769485	1706	J_WTG108	9847	-	-	-	-	-	-	-	-	-	-	-	-
JER3598	NP	4.5	432114	4769539	1494	J_WTG94	9640	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C	
JER3599	NP	4.5	432372	4769512	1693	J_WTG108	9799	-	-	-	-	-	-	-	-	-	-	-	-
JER3600	NP	4.5	432022	4769564	1416	J_WTG76	9571	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C	
JER3601	NP	4.5	432226	4769535	1593	J_WTG94	9702	-	-	-	-	-	-	-	-	-	-	-	-
JER3602	NP	4.5	432165	4769545	1543	J_WTG94	9661	-	-	-	-	-	-	-	-	-	-	-	-
JER3603	NP	4.5	432269	4769544	1636	J_WTG94	9717	-	-	-	-	-	-	-	-	-	-	-	-
JER3604	NP	4.5	432050	4769567	1439	J_WTG76	9583	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C	
JER3605	NP	4.5	432418	4769511	1681	J_WTG108	9825	-	-	-	-	-	-	-	-	-	-	-	-
JER3672	NP	4.5	422834	4762360	1812	J_WTG105	15990	-	-	-	-	-	-	-	-	-	-	-	-
JER3675	NP	4.5	431985	4769578	1377	J_WTG76	9540	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C	
JER3676	NP	4.5	432115	4769560	1500	J_WTG76	9622	-	-	-	-	-	-	-	-	-	-	-	-
JER3677	NP	4.5	432075	4769565	1462	J_WTG76	9597	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C	
JER3678	NP	4.5	431965	4769583	1357	J_WTG76	9525	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	
JER3679	NP	4.5	432318	4769528	1675	J_WTG94	9757	-	-	-	-	-	-	-	-	-	-	-	-
JER3680	NP	4.5	432178	4769557	1558	J_WTG76	9658	-	-	-	-	-	-	-	-	-	-	-	-
JER3681	NP	4.5	432233	4769553	1607	J_WTG94	9690	-	-	-	-	-	-	-	-	-	-	-	-
JER3682	NP	4.5	432378	4769523	1680	J_WTG108	9793	-	-	-	-	-	-	-	-	-	-	-	-
JER3683	NP	4.5	432451	4769520	1663	J_WTG108	9835	-	-	-	-	-	-	-	-	-	-	-	-
JER3684	NP	4.5	432417	4769525	1667	J_WTG108	9813	-	-	-	-	-	-	-	-	-	-	-	-
JER3686	NP	4.5	432344	4769544	1671	J_WTG108	9757	-	-	-	-	-	-	-	-	-	-	-	-
JER3687	NP	4.5	432074	4769592	1449	J_WTG76	9574	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C	
JER3688	NP	4.5	432321	4769554	1669	J_WTG108	9736	-	-	-	-	-	-	-	-	-	-	-	-
JER3689	NP	4.5	432028	4769604	1403	J_WTG76	9540	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C	

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER3690	NP	4.5	432118	4769590	1489	J_WTG76	9598	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER3691	NP	4.5	431993	4769611	1368	J_WTG76	9516	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER3692	NP	4.5	432382	4769551	1652	J_WTG108	9772	-	-	-	-	-	-	-	-	-	-	-
JER3693	NP	4.5	432154	4769591	1521	J_WTG76	9616	-	-	-	-	-	-	-	-	-	-	-
JER3694	NP	4.5	432170	4769592	1535	J_WTG76	9624	-	-	-	-	-	-	-	-	-	-	-
JER3695	NP	4.5	432424	4769554	1638	J_WTG108	9792	-	-	-	-	-	-	-	-	-	-	-
JER3696	NP	4.5	432205	4769591	1567	J_WTG76	9643	-	-	-	-	-	-	-	-	-	-	-
JER3697	NP	4.5	432040	4769618	1407	J_WTG76	9534	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER3698	NP	4.5	432227	4769590	1588	J_WTG76	9656	-	-	-	-	-	-	-	-	-	-	-
JER3699	NP	4.5	432074	4769617	1438	J_WTG76	9552	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER3700	NP	4.5	432250	4769590	1609	J_WTG76	9668	-	-	-	-	-	-	-	-	-	-	-
JER3701	NP	4.5	432286	4769588	1642	J_WTG76	9689	-	-	-	-	-	-	-	-	-	-	-
JER3702	NP	4.5	432337	4769583	1636	J_WTG108	9721	-	-	-	-	-	-	-	-	-	-	-
JER3703	NP	4.5	432136	4769618	1493	J_WTG76	9584	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER3704	NP	4.5	432175	4769611	1532	J_WTG76	9610	-	-	-	-	-	-	-	-	-	-	-
JER3705	NP	4.5	432379	4769582	1624	J_WTG108	9744	-	-	-	-	-	-	-	-	-	-	-
JER3706	NP	4.5	432291	4769598	1637	J_WTG108	9683	-	-	-	-	-	-	-	-	-	-	-
JER3707	NP	4.5	432324	4769600	1624	J_WTG108	9699	-	-	-	-	-	-	-	-	-	-	-
JER3708	NP	4.5	432361	4769588	1624	J_WTG108	9729	-	-	-	-	-	-	-	-	-	-	-
JER3709	NP	4.5	432429	4769585	1606	J_WTG108	9769	-	-	-	-	-	-	-	-	-	-	-
JER3710	NP	4.5	432130	4769638	1480	J_WTG76	9564	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER3711	NP	4.5	432381	4769609	1597	J_WTG108	9723	-	-	-	-	-	-	-	-	-	-	-
JER3712	NP	4.5	432231	4769634	1574	J_WTG76	9621	-	-	-	-	-	-	-	-	-	-	-
JER3713	NP	4.5	432435	4769611	1580	J_WTG108	9750	-	-	-	-	-	-	-	-	-	-	-
JER3715	NP	4.5	432152	4769658	1492	J_WTG76	9558	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER3716	NP	4.5	432329	4769635	1590	J_WTG108	9673	-	-	-	-	-	-	-	-	-	-	-
JER3717	NP	4.5	432383	4769637	1570	J_WTG108	9700	-	-	-	-	-	-	-	-	-	-	-
JER3718	NP	4.5	431939	4769709	1276	J_WTG76	9404	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER3719	NP	4.5	432437	4769639	1552	J_WTG108	9728	-	-	-	-	-	-	-	-	-	-	-
JER3720	NP	4.5	432284	4769642	1599	J_WTG108	9642	-	-	-	-	-	-	-	-	-	-	-
JER3721	NP	4.5	432330	4769662	1564	J_WTG108	9650	-	-	-	-	-	-	-	-	-	-	-
JER3722	NP	4.5	432378	4769660	1550	J_WTG108	9678	-	-	-	-	-	-	-	-	-	-	-
JER3723	NP	4.5	432026	4769727	1349	J_WTG76	9434	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C

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			X	Y				6	7	8	9	10	6	7	8	9	10		
JER3724	NP	4.5	432438	4769674	1518	J_WTG108	9699	-	-	-	-	-	-	-	-	-	-	-	-
JER3725	NP	4.5	432349	4769698	1523	J_WTG108	9630	-	-	-	-	-	-	-	-	-	-	-	-
JER3726	NP	4.5	432387	4769698	1511	J_WTG108	9651	-	-	-	-	-	-	-	-	-	-	-	-
JER3727	NP	4.5	432440	4769699	1494	J_WTG108	9680	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C	
JER3728	NP	4.5	432132	4769750	1439	J_WTG76	9470	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C	
JER3730	NP	4.5	432058	4769776	1360	J_WTG76	9409	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C	
JER3731	NP	4.5	432133	4769773	1432	J_WTG76	9451	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C	
JER3732	NP	4.5	432442	4769735	1459	J_WTG108	9651	32.4	32.4	32.4	32.4	32.4	40	43	45	49	51	C	
JER3734	NP	4.5	432375	4769748	1468	J_WTG108	9603	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C	
JER3735	NP	4.5	432134	4769793	1426	J_WTG76	9434	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	
JER3736	NP	4.5	432070	4769809	1360	J_WTG76	9387	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	
JER3737	NP	4.5	432443	4769760	1435	J_WTG108	9630	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C	
JER3738	NP	4.5	432376	4769772	1445	J_WTG108	9583	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C	
JER3739	NP	4.5	432071	4769829	1355	J_WTG76	9370	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	
JER3740	NP	4.5	432138	4769821	1421	J_WTG76	9413	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C	
JER3741	NP	4.5	432070	4769848	1348	J_WTG76	9354	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	
JER3742	NP	4.5	432438	4769788	1410	J_WTG108	9604	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C	
JER3743	NP	4.5	432127	4769877	1395	J_WTG76	9360	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	
JER3813	NP	4.5	432080	4769904	1342	J_WTG76	9312	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C	
JER3814	NP	4.5	432151	4769898	1413	J_WTG76	9355	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	
JER3815	NP	4.5	432168	4769898	1417	J_WTG108	9364	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	
JER3816	NP	4.5	432455	4769876	1321	J_WTG108	9541	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C	
JER3817	NP	4.5	432067	4769949	1319	J_WTG76	9267	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	
JER3818	NP	4.5	432067	4769988	1310	J_WTG76	9234	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C	
JER3819	NP	4.5	432147	4769977	1360	J_WTG108	9286	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	
JER3820	NP	4.5	432382	4769947	1279	J_WTG108	9441	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C	
JER3821	NP	4.5	432068	4770043	1302	J_WTG76	9188	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C	
JER3822	NP	4.5	432050	4770074	1279	J_WTG76	9152	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C	
JER3823	NP	4.5	432065	4770104	1290	J_WTG76	9135	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C	
JER3824	NP	4.5	432078	4770142	1266	J_WTG108	9111	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C	
JER3825	NP	4.5	432170	4770163	1193	J_WTG108	9144	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C	
JER3826	NP	4.5	432200	4770161	1178	J_WTG108	9162	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C	
JER3827	NP	4.5	432073	4770202	1223	J_WTG108	9058	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C	

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER3828	NP	4.5	432433	4770155	1068	J_WTG108	9299	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C
JER3829	NP	4.5	432054	4770250	1199	J_WTG108	9007	34.9	34.9	34.9	34.9	34.9	40	43	45	49	51	C
JER3830	NP	4.5	432481	4770197	1010	J_WTG108	9292	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C
JER3831	NP	4.5	432032	4770278	1194	J_WTG108	8972	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C
JER3832	NP	4.5	432558	4770232	950	J_WTG108	9308	34.8	34.8	34.8	34.8	34.8	40	43	45	49	51	C
JER3833	NP	4.5	432069	4770317	1141	J_WTG108	8960	35.2	35.2	35.2	35.2	35.2	40	43	45	49	51	C
JER3834	NP	4.5	432158	4770304	1090	J_WTG108	9020	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C
JER3835	NP	4.5	433395	4770117	1141	J_WTG108	9911	32.4	32.4	32.4	32.4	32.4	40	43	45	49	51	C
JER3836	NP	4.5	432674	4770234	917	J_WTG108	9375	34.8	34.8	34.8	34.8	34.8	40	43	45	49	51	C
JER3837	NP	4.5	432069	4770332	1130	J_WTG108	8947	35.2	35.2	35.2	35.2	35.2	40	43	45	49	51	C
JER3838	NP	4.5	432597	4770250	921	J_WTG108	9317	34.9	34.9	34.9	34.9	34.9	40	43	45	49	51	C
JER3839	NP	4.5	433413	4770135	1134	J_WTG108	9909	32.4	32.4	32.4	32.4	32.4	40	43	45	49	51	C
JER3840	NP	4.5	433361	4770154	1093	J_WTG108	9861	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER3841	NP	4.5	432170	4770355	1044	J_WTG108	8985	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C
JER3842	NP	4.5	432055	4770380	1107	J_WTG108	8899	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C
JER3843	NP	4.5	433381	4770214	1049	J_WTG108	9828	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER3844	NP	4.5	432173	4770409	1002	J_WTG108	8942	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C
JER3845	NP	4.5	432144	4770449	995	J_WTG108	8892	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C
JER3846	NP	4.5	433401	4770259	1021	J_WTG108	9806	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER3847	NP	4.5	433269	4770329	895	J_WTG108	9668	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER3848	NP	4.5	433283	4770329	902	J_WTG108	9677	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER3849	NP	4.5	433295	4770328	908	J_WTG108	9685	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C
JER3850	NP	4.5	433307	4770327	915	J_WTG108	9694	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C
JER3851	NP	4.5	433320	4770327	921	J_WTG108	9702	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER3852	NP	4.5	433050	4770412	740	J_WTG108	9465	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C
JER3853	NP	4.5	433063	4770426	730	J_WTG108	9462	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C
JER3854	NP	4.5	433248	4770401	822	J_WTG108	9599	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C
JER3855	NP	4.5	433067	4770434	724	J_WTG108	9458	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C
JER3856	NP	4.5	433110	4770444	727	J_WTG108	9478	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C
JER3857	NP	4.5	433148	4770443	741	J_WTG108	9503	35.9	35.9	35.9	35.9	35.9	40	43	45	49	51	C
JER3858	NP	4.5	433095	4770452	715	J_WTG108	9462	36.2	36.2	36.2	36.2	36.2	40	43	45	49	51	C
JER3859	NP	4.5	433139	4770448	734	J_WTG108	9493	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C
JER3860	NP	4.5	433128	4770455	723	J_WTG108	9481	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER3861	NP	4.5	433244	4770436	789	J_WTG108	9570	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C
JER3862	NP	4.5	433117	4770463	712	J_WTG108	9468	36.2	36.2	36.2	36.2	36.2	40	43	45	49	51	C
JER3863	NP	4.5	433204	4770453	755	J_WTG108	9531	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C
JER3864	NP	4.5	433226	4770453	765	J_WTG108	9545	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C
JER3865	NP	4.5	433129	4770474	706	J_WTG108	9467	36.3	36.3	36.3	36.3	36.3	40	43	45	49	51	C
JER3866	NP	4.5	430281	4778886	1335	J_WTG29	3373	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER3867	NP	4.5	430291	4778984	1304	J_WTG29	3416	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER3868	NP	4.5	430295	4779006	1299	J_WTG29	3427	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER3869	NP	4.5	430296	4779019	1296	J_WTG29	3433	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER3870	NP	4.5	430231	4779060	1221	J_WTG29	3388	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER3871	NP	4.5	430274	4779060	1261	J_WTG29	3428	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER3872	NP	4.5	430348	4779071	1328	J_WTG29	3500	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER3873	NP	4.5	430241	4779093	1219	J_WTG29	3410	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER3874	NP	4.5	430297	4779095	1272	J_WTG29	3462	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER3875	NP	4.5	430363	4779099	1334	J_WTG29	3525	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER3876	NP	4.5	430299	4779119	1267	J_WTG29	3473	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER3877	NP	4.5	430275	4779132	1241	J_WTG29	3456	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER3878	NP	4.5	430241	4779140	1206	J_WTG29	3428	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER3879	NP	4.5	430340	4779131	1303	J_WTG29	3516	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER3913	NP	4.5	422101	4761683	1983	J_WTG105	16846	-	-	-	-	-	-	-	-	-	-	-
JER3914	NP	4.5	422122	4761765	1912	J_WTG105	16762	-	-	-	-	-	-	-	-	-	-	-
JER3915	NP	4.5	422091	4761766	1901	J_WTG105	16770	-	-	-	-	-	-	-	-	-	-	-
JER3916	NP	4.5	422024	4761765	1881	J_WTG105	16791	-	-	-	-	-	-	-	-	-	-	-
JER3917	NP	4.5	421975	4761776	1857	J_WTG105	16795	-	-	-	-	-	-	-	-	-	-	-
JER3918	NP	4.5	421802	4761682	1912	J_WTG105	16938	-	-	-	-	-	-	-	-	-	-	-
JER3919	NP	4.5	421735	4761683	1901	J_WTG105	16958	-	-	-	-	-	-	-	-	-	-	-
JER3920	NP	4.5	421616	4761758	1814	J_WTG105	16925	-	-	-	-	-	-	-	-	-	-	-
JER3921	NP	4.5	421530	4761681	1887	J_WTG105	17026	-	-	-	-	-	-	-	-	-	-	-
JER3922	NP	4.5	421075	4761766	1847	J_WTG105	17101	-	-	-	-	-	-	-	-	-	-	-
JER3923	NP	4.5	421019	4761767	1859	J_WTG105	17120	-	-	-	-	-	-	-	-	-	-	-
JER3950	NP	4.5	430491	4779108	1455	J_WTG29	3647	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER3951	NP	4.5	430298	4779161	1255	J_WTG29	3489	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER3952	NP	4.5	430338	4779148	1297	J_WTG29	3520	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER3953	NP	4.5	430197	4779173	1154	J_WTG29	3401	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER3954	NP	4.5	430298	4779176	1252	J_WTG29	3495	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER3956	NP	4.5	430420	4779170	1372	J_WTG29	3605	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER3957	NP	4.5	430379	4779166	1333	J_WTG29	3565	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER3958	NP	4.5	430441	4779167	1393	J_WTG29	3623	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER3959	NP	4.5	430461	4779167	1412	J_WTG29	3641	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER3960	NP	4.5	430483	4779167	1434	J_WTG29	3662	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER3961	NP	4.5	430539	4779160	1490	J_WTG29	3711	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER3962	NP	4.5	430574	4779156	1525	J_WTG29	3742	-	-	-	-	-	-	-	-	-	-	-
JER3963	NP	4.5	430524	4779164	1475	J_WTG29	3698	32.4	32.4	32.4	32.4	32.4	40	43	45	49	51	C
JER3964	NP	4.5	430256	4779210	1203	J_WTG29	3470	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER3965	NP	4.5	430297	4779218	1241	J_WTG29	3511	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER3966	NP	4.5	430667	4779145	1618	J_WTG29	3824	-	-	-	-	-	-	-	-	-	-	-
JER3967	NP	4.5	430611	4779159	1561	J_WTG29	3777	-	-	-	-	-	-	-	-	-	-	-
JER3970	NP	4.5	430379	4779213	1323	J_WTG29	3584	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER3971	NP	4.5	430403	4779213	1346	J_WTG29	3606	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER3972	NP	4.5	430421	4779210	1364	J_WTG29	3621	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER3973	NP	4.5	430440	4779210	1383	J_WTG29	3639	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER3974	NP	4.5	430270	4779235	1211	J_WTG29	3494	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER3975	NP	4.5	430474	4779209	1417	J_WTG29	3669	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER3977	NP	4.5	430297	4779237	1238	J_WTG29	3519	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER3978	NP	4.5	430529	4779215	1470	J_WTG29	3722	32.4	32.4	32.4	32.4	32.4	40	43	45	49	51	C
JER3979	NP	4.5	430555	4779210	1496	J_WTG29	3745	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER3981	NP	4.5	430343	4779247	1281	J_WTG29	3565	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER3982	NP	4.5	430585	4779209	1526	J_WTG29	3772	-	-	-	-	-	-	-	-	-	-	-
JER3983	NP	4.5	430485	4779227	1424	J_WTG29	3687	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER3984	NP	4.5	430352	4779248	1290	J_WTG29	3574	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER3985	NP	4.5	430334	4779265	1269	J_WTG29	3564	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER3986	NP	4.5	430725	4779204	1665	J_WTG29	3900	-	-	-	-	-	-	-	-	-	-	-
JER3987	NP	4.5	430294	4779275	1228	J_WTG29	3532	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER3988	NP	4.5	430531	4779238	1468	J_WTG29	3733	32.4	32.4	32.4	32.4	32.4	40	43	45	49	51	C
JER3989	NP	4.5	430467	4779252	1402	J_WTG29	3680	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER3990	NP	4.5	430349	4779274	1282	J_WTG29	3582	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER3991	NP	4.5	430377	4779291	1308	J_WTG29	3614	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER3992	NP	4.5	430305	4779283	1238	J_WTG29	3546	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER3993	NP	4.5	430608	4779233	1545	J_WTG29	3802	-	-	-	-	-	-	-	-	-	-	-
JER3994	NP	4.5	430508	4779261	1442	J_WTG29	3721	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER3995	NP	4.5	430455	4779280	1386	J_WTG29	3681	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER3997	NP	4.5	430565	4779256	1499	J_WTG29	3772	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER3998	NP	4.5	430397	4779289	1328	J_WTG29	3631	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER4000	NP	4.5	430497	4779281	1428	J_WTG29	3719	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4001	NP	4.5	430643	4779258	1576	J_WTG29	3844	-	-	-	-	-	-	-	-	-	-	-
JER4002	NP	4.5	430532	4779278	1463	J_WTG29	3750	32.4	32.4	32.4	32.4	32.4	40	43	45	49	51	C
JER4003	NP	4.5	430411	4779299	1340	J_WTG29	3648	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER4004	NP	4.5	430590	4779277	1521	J_WTG29	3803	-	-	-	-	-	-	-	-	-	-	-
JER4005	NP	4.5	430853	4779237	1787	J_WTG29	4031	-	-	-	-	-	-	-	-	-	-	-
JER4007	NP	4.5	430632	4779278	1562	J_WTG29	3842	-	-	-	-	-	-	-	-	-	-	-
JER4008	NP	4.5	430519	4779294	1448	J_WTG29	3745	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4009	NP	4.5	430746	4779259	1678	J_WTG29	3940	-	-	-	-	-	-	-	-	-	-	-
JER4010	NP	4.5	429994	4779382	916	J_WTG29	3314	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C
JER4011	NP	4.5	430426	4779316	1353	J_WTG29	3669	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER4012	NP	4.5	430655	4779283	1584	J_WTG29	3865	-	-	-	-	-	-	-	-	-	-	-
JER4013	NP	4.5	430563	4779299	1491	J_WTG29	3787	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER4015	NP	4.5	430720	4779283	1649	J_WTG29	3925	-	-	-	-	-	-	-	-	-	-	-
JER4016	NP	4.5	431025	4779232	1958	J_WTG29	4190	-	-	-	-	-	-	-	-	-	-	-
JER4017	NP	4.5	430558	4779322	1484	J_WTG29	3792	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER4018	NP	4.5	430295	4779352	1219	J_WTG29	3567	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4036	NP	4.5	422140	4769858	1568	J_WTG89	9338	-	-	-	-	-	-	-	-	-	-	-
JER4037	NP	4.5	422152	4769999	1504	J_WTG89	9212	-	-	-	-	-	-	-	-	-	-	-
JER4038	NP	4.5	422262	4769896	1441	J_WTG89	9241	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER4039	NP	4.5	422334	4769991	1337	J_WTG89	9123	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER4040	NP	4.5	422347	4769878	1372	J_WTG89	9213	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER4041	NP	4.5	422797	4769874	995	J_WTG89	8992	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C
JER4042	NP	4.5	422938	4770007	802	J_WTG89	8808	36.7	36.7	36.7	36.7	36.7	40	43	45	49	51	C
JER4043	NP	4.5	423269	4769874	695	J_WTG89	8776	37.9	37.9	37.9	37.9	37.9	40	43	45	49	51	C
JER4047	NP	4.5	424273	4769858	801	J_WTG96	8402	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4048	NP	4.5	424580	4769958	580	J_WTG91	8209	39.6	39.6	39.6	39.6	39.6	40	43	45	49	51	C
JER4049	NP	4.5	425524	4769776	598	J_WTG92	8148	38.5	38.5	38.5	38.5	38.5	40	43	45	49	51	C
JER4050	NP	4.5	425764	4769735	712	J_WTG92	8146	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C
JER4051	NP	4.5	425985	4769941	693	J_WTG92	7909	36.9	36.9	36.9	36.9	36.9	40	43	45	49	51	C
JER4052	NP	4.5	425988	4770012	654	J_WTG92	7838	37.2	37.2	37.2	37.2	37.2	40	43	45	49	51	C
JER4053	NP	4.5	426337	4769819	1053	J_WTG92	7988	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER4054	NP	4.5	426679	4769969	1303	J_WTG92	7813	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER4055	NP	4.5	427266	4770006	1465	J_WTG54	7767	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER4057	NP	4.5	427459	4769742	1717	J_WTG109	8037	-	-	-	-	-	-	-	-	-	-	-
JER4058	NP	4.5	427499	4769736	1676	J_WTG109	8045	-	-	-	-	-	-	-	-	-	-	-
JER4059	NP	4.5	427496	4769699	1672	J_WTG109	8082	-	-	-	-	-	-	-	-	-	-	-
JER4060	NP	4.5	427721	4769844	1488	J_WTG109	7951	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4061	NP	4.5	428058	4769854	1174	J_WTG109	7975	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER4062	NP	4.5	428837	4770210	862	J_WTG109	7758	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C
JER4063	NP	4.5	429302	4770080	695	J_WTG109	8001	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C
JER4074	NP	4.5	420865	4761959	1723	J_WTG105	16996	-	-	-	-	-	-	-	-	-	-	-
JER4078	NP	4.5	420567	4764494	1303	J_WTG105	14796	27.2	27.2	27.2	27.2	27.2	40	43	45	49	51	C
JER4079	NP	4.5	420500	4764366	1267	J_WTG105	14941	27.5	27.5	27.5	27.5	27.5	40	43	45	49	51	C
JER4080	NP	4.5	420214	4764412	1525	J_WTG105	15028	-	-	-	-	-	-	-	-	-	-	-
JER4081	NP	4.5	419843	4764492	1883	J_WTG105	15132	-	-	-	-	-	-	-	-	-	-	-
JER4082	NP	4.5	419830	4764431	1865	J_WTG105	15191	-	-	-	-	-	-	-	-	-	-	-
JER4086	NP	4.5	421459	4764485	918	J_WTG105	14433	31.2	31.2	31.2	31.2	31.2	40	43	45	49	51	C
JER4087	NP	4.5	422048	4764405	1011	J_WTG105	14288	31.0	31.0	31.0	31.0	31.0	40	43	45	49	51	C
JER4088	NP	4.5	422321	4764362	1155	J_WTG105	14235	30.7	30.7	30.7	30.7	30.7	40	43	45	49	51	C
JER4089	NP	4.5	422207	4764684	1187	J_WTG104	13971	30.3	30.3	30.3	30.3	30.3	40	43	45	49	51	C
JER4090	NP	4.5	422620	4764508	954	J_WTG104	13999	31.5	31.5	31.5	31.5	31.5	40	43	45	49	51	C
JER4092	NP	4.5	422756	4763691	1279	J_WTG105	14734	28.9	28.9	28.9	28.9	28.9	40	43	45	49	51	C
JER4093	NP	4.5	422828	4763272	1377	J_WTG105	15115	27.5	27.5	27.5	27.5	27.5	40	43	45	49	51	C
JER4094	NP	4.5	422711	4762633	1543	J_WTG105	15761	-	-	-	-	-	-	-	-	-	-	-
JER4095	NP	4.5	423074	4764403	822	J_WTG104	13961	32.4	32.4	32.4	32.4	32.4	40	43	45	49	51	C
JER4096	NP	4.5	423255	4764502	698	J_WTG104	13814	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER4099	NP	4.5	423595	4764365	894	J_WTG104	13856	31.3	31.3	31.3	31.3	31.3	40	43	45	49	51	C
JER4100	NP	4.5	423937	4764101	1282	J_WTG104	14031	27.7	27.7	27.7	27.7	27.7	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4169	NP	4.5	430572	4779373	1493	J_WTG29	3826	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER4170	NP	4.5	430651	4779363	1573	J_WTG29	3893	-	-	-	-	-	-	-	-	-	-	-
JER4171	NP	4.5	430119	4779454	1037	J_WTG29	3458	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C
JER4172	NP	4.5	430945	4779327	1869	J_WTG29	4150	-	-	-	-	-	-	-	-	-	-	-
JER4173	NP	4.5	430852	4779343	1775	J_WTG29	4070	-	-	-	-	-	-	-	-	-	-	-
JER4174	NP	4.5	430747	4779360	1669	J_WTG29	3980	-	-	-	-	-	-	-	-	-	-	-
JER4175	NP	4.5	430561	4779390	1481	J_WTG29	3823	32.4	32.4	32.4	32.4	32.4	40	43	45	49	51	C
JER4177	NP	4.5	430243	4779446	1161	J_WTG29	3563	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER4178	NP	4.5	430162	4779459	1080	J_WTG29	3498	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C
JER4180	NP	4.5	430635	4779387	1555	J_WTG29	3889	-	-	-	-	-	-	-	-	-	-	-
JER4182	NP	4.5	430824	4779357	1746	J_WTG29	4050	-	-	-	-	-	-	-	-	-	-	-
JER4183	NP	4.5	431034	4779327	1957	J_WTG29	4232	-	-	-	-	-	-	-	-	-	-	-
JER4184	NP	4.5	430768	4779369	1689	J_WTG29	4003	-	-	-	-	-	-	-	-	-	-	-
JER4185	NP	4.5	430099	4779456	1017	J_WTG29	3442	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER4186	NP	4.5	430295	4779450	1213	J_WTG29	3611	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4187	NP	4.5	430586	4779415	1505	J_WTG29	3856	-	-	-	-	-	-	-	-	-	-	-
JER4188	NP	4.5	430704	4779389	1624	J_WTG29	3952	-	-	-	-	-	-	-	-	-	-	-
JER4190	NP	4.5	430594	4779420	1513	J_WTG29	3865	-	-	-	-	-	-	-	-	-	-	-
JER4192	NP	4.5	430724	4779399	1644	J_WTG29	3975	-	-	-	-	-	-	-	-	-	-	-
JER4193	NP	4.5	430600	4779426	1519	J_WTG29	3873	-	-	-	-	-	-	-	-	-	-	-
JER4194	NP	4.5	430280	4779468	1198	J_WTG29	3606	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER4195	NP	4.5	431075	4779352	1997	J_WTG29	4280	-	-	-	-	-	-	-	-	-	-	-
JER4196	NP	4.5	430941	4779373	1862	J_WTG29	4164	-	-	-	-	-	-	-	-	-	-	-
JER4197	NP	4.5	430970	4779370	1891	J_WTG29	4189	-	-	-	-	-	-	-	-	-	-	-
JER4198	NP	4.5	431000	4779365	1921	J_WTG29	4215	-	-	-	-	-	-	-	-	-	-	-
JER4199	NP	4.5	430623	4779432	1542	J_WTG29	3897	-	-	-	-	-	-	-	-	-	-	-
JER4200	NP	4.5	430352	4779475	1270	J_WTG29	3673	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER4201	NP	4.5	430209	4779493	1127	J_WTG29	3556	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER4202	NP	4.5	430686	4779420	1605	J_WTG29	3949	-	-	-	-	-	-	-	-	-	-	-
JER4207	NP	4.5	428569	4770257	1028	J_WTG109	7657	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C
JER4210	NP	4.5	430148	4769621	806	J_WTG75	8702	37.7	37.7	37.7	37.7	37.7	40	43	45	49	51	C
JER4212	NP	4.5	430373	4769553	796	J_WTG94	8847	38.0	38.0	38.0	38.0	38.0	40	43	45	49	51	C
JER4215	NP	4.5	430899	4769639	622	J_WTG76	8976	38.5	38.5	38.5	38.5	38.5	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4218	NP	4.5	430275	4768354	720	J_WTG94	9938	34.9	34.9	34.9	34.9	34.9	40	43	45	49	51	C
JER4219	NP	4.5	430207	4768133	931	J_WTG94	10127	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER4220	NP	4.5	430207	4767681	1318	J_WTG94	10558	30.0	30.0	30.0	30.0	30.0	40	43	45	49	51	C
JER4221	NP	4.5	430169	4767308	1675	J_WTG94	10904	-	-	-	-	-	-	-	-	-	-	-
JER4222	NP	4.5	430265	4767259	1689	J_WTG94	10979	-	-	-	-	-	-	-	-	-	-	-
JER4223	NP	4.5	430265	4767152	1791	J_WTG94	11081	-	-	-	-	-	-	-	-	-	-	-
JER4224	NP	4.5	430487	4767070	1822	J_WTG94	11225	-	-	-	-	-	-	-	-	-	-	-
JER4226	NP	4.5	430716	4767044	1825	J_WTG94	11321	-	-	-	-	-	-	-	-	-	-	-
JER4227	NP	4.5	430172	4767050	1917	J_WTG94	11153	-	-	-	-	-	-	-	-	-	-	-
JER4237	NP	4.5	428432	4768079	1503	J_WTG109	9783	-	-	-	-	-	-	-	-	-	-	-
JER4238	NP	4.5	428442	4768538	1114	J_WTG109	9330	31.6	31.6	31.6	31.6	31.6	40	43	45	49	51	C
JER4240	NP	4.5	429506	4768473	1000	J_WTG109	9605	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER4241	NP	4.5	429779	4768317	1142	J_WTG94	9827	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER4242	NP	4.5	428329	4768760	1037	J_WTG109	9095	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER4243	NP	4.5	428439	4768990	816	J_WTG109	8883	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER4245	NP	4.5	426585	4769429	1482	J_WTG92	8358	32.2	32.2	32.2	32.2	32.2	40	43	45	49	51	C
JER4250	NP	4.5	432127	4767763	1608	J_WTG102	11200	-	-	-	-	-	-	-	-	-	-	-
JER4254	NP	4.5	432156	4768358	1468	J_WTG94	10686	30.1	30.1	30.1	30.1	30.1	40	43	45	49	51	C
JER4255	NP	4.5	431916	4768230	1304	J_WTG94	10688	30.7	30.7	30.7	30.7	30.7	40	43	45	49	51	C
JER4256	NP	4.5	432187	4768258	1534	J_WTG94	10789	-	-	-	-	-	-	-	-	-	-	-
JER4257	NP	4.5	432032	4768408	1335	J_WTG94	10583	30.7	30.7	30.7	30.7	30.7	40	43	45	49	51	C
JER4259	NP	4.5	432042	4768726	1271	J_WTG94	10308	31.2	31.2	31.2	31.2	31.2	40	43	45	49	51	C
JER4260	NP	4.5	432085	4770590	952	J_WTG108	8743	36.4	36.4	36.4	36.4	36.4	40	43	45	49	51	C
JER4262	NP	4.5	432202	4771585	692	J_WTG86	8020	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C
JER4264	NP	4.5	432092	4771893	745	J_WTG74	7713	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C
JER4266	NP	4.5	432135	4772217	985	J_WTG74	7498	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C
JER4267	NP	4.5	432273	4772313	1144	J_WTG86	7521	36.6	36.6	36.6	36.6	36.6	40	43	45	49	51	C
JER4268	NP	4.5	432254	4773110	929	J_WTG84	6950	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C
JER4270	NP	4.5	432179	4773748	799	J_WTG71	6481	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER4271	NP	4.5	432310	4773704	850	J_WTG84	6611	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER4325	NP	4.5	424525	4767207	1778	J_WTG97	10873	-	-	-	-	-	-	-	-	-	-	-
JER4327	NP	4.5	424223	4765940	1202	J_WTG104	12175	28.8	28.8	28.8	28.8	28.8	40	43	45	49	51	C
JER4328	NP	4.5	424217	4766055	1271	J_WTG104	12065	28.4	28.4	28.4	28.4	28.4	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4382	NP	4.5	430414	4779554	1335	J_WTG29	3765	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER4383	NP	4.5	430487	4779543	1407	J_WTG29	3824	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER4384	NP	4.5	430996	4779461	1914	J_WTG29	4249	-	-	-	-	-	-	-	-	-	-	-
JER4387	NP	4.5	430344	4779577	1266	J_WTG29	3715	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER4388	NP	4.5	431046	4779462	1964	J_WTG29	4295	-	-	-	-	-	-	-	-	-	-	-
JER4390	NP	4.5	430307	4779581	1230	J_WTG29	3684	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4392	NP	4.5	430843	4779501	1761	J_WTG29	4125	-	-	-	-	-	-	-	-	-	-	-
JER4393	NP	4.5	430255	4779595	1179	J_WTG29	3646	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER4394	NP	4.5	430994	4779476	1912	J_WTG29	4253	-	-	-	-	-	-	-	-	-	-	-
JER4395	NP	4.5	430955	4779480	1873	J_WTG29	4219	-	-	-	-	-	-	-	-	-	-	-
JER4396	NP	4.5	430271	4779596	1195	J_WTG29	3660	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER4397	NP	4.5	430938	4779491	1856	J_WTG29	4208	-	-	-	-	-	-	-	-	-	-	-
JER4398	NP	4.5	431012	4779478	1930	J_WTG29	4270	-	-	-	-	-	-	-	-	-	-	-
JER4399	NP	4.5	431081	4779468	1999	J_WTG29	4329	-	-	-	-	-	-	-	-	-	-	-
JER4400	NP	4.5	430210	4779607	1136	J_WTG29	3613	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER4401	NP	4.5	430344	4779593	1268	J_WTG29	3722	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER4402	NP	4.5	430702	4779534	1621	J_WTG29	4012	-	-	-	-	-	-	-	-	-	-	-
JER4403	NP	4.5	430428	4779589	1351	J_WTG29	3794	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER4404	NP	4.5	430307	4779596	1231	J_WTG29	3692	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4407	NP	4.5	430481	4779578	1403	J_WTG29	3835	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER4408	NP	4.5	430302	4779612	1228	J_WTG29	3695	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4410	NP	4.5	432429	4774896	644	J_WTG80	6057	39.0	39.0	39.0	39.0	39.0	40	43	45	49	51	C
JER4413	NP	4.5	432497	4775713	747	J_WTG80	5778	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER4414	NP	4.5	432574	4776022	957	J_WTG80	5749	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C
JER4417	NP	4.5	432403	4776506	800	J_WTG65	5454	38.5	38.5	38.5	38.5	38.5	40	43	45	49	51	C
JER4421	NP	4.5	432281	4777372	955	J_WTG65	5198	36.2	36.2	36.2	36.2	36.2	40	43	45	49	51	C
JER4422	NP	4.5	432380	4777689	1088	J_WTG78	5283	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C
JER4423	NP	4.5	432284	4777774	1216	J_WTG78	5186	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER4424	NP	4.5	432390	4777788	1154	J_WTG78	5292	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C
JER4425	NP	4.5	432322	4778245	1133	J_WTG34	5245	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER4426	NP	4.5	432433	4778391	967	J_WTG34	5371	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER4427	NP	4.5	432305	4778402	1080	J_WTG34	5245	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER4428	NP	4.5	432299	4778444	1070	J_WTG34	5244	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C

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			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4429	NP	4.5	432301	4778490	1053	J_WTG34	5252	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER4430	NP	4.5	432375	4778497	981	J_WTG34	5327	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER4431	NP	4.5	432402	4778607	925	J_WTG34	5369	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER4432	NP	4.5	432285	4778628	1036	J_WTG34	5257	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER4433	NP	4.5	432426	4778484	937	J_WTG34	5375	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER4434	NP	4.5	432279	4778695	1032	J_WTG34	5263	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER4435	NP	4.5	432281	4778934	1032	J_WTG34	5312	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER4436	NP	4.5	432116	4779077	1219	J_WTG34	5185	32.4	32.4	32.4	32.4	32.4	40	43	45	49	51	C
JER4437	NP	4.5	432188	4779130	1162	J_WTG34	5268	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER4438	NP	4.5	432060	4779136	1287	J_WTG34	5146	32.2	32.2	32.2	32.2	32.2	40	43	45	49	51	C
JER4441	NP	4.5	431991	4778881	1316	J_WTG34	5017	32.1	32.1	32.1	32.1	32.1	40	43	45	49	51	C
JER4446	NP	4.5	430343	4778511	1529	J_WTG30	3328	-	-	-	-	-	-	-	-	-	-	-
JER4447	NP	4.5	430249	4777814	1780	J_WTG65	3151	-	-	-	-	-	-	-	-	-	-	-
JER4448	NP	4.5	430342	4777803	1702	J_WTG65	3244	-	-	-	-	-	-	-	-	-	-	-
JER4449	NP	4.5	430224	4777316	1535	J_WTG65	3159	-	-	-	-	-	-	-	-	-	-	-
JER4450	NP	4.5	430292	4777327	1479	J_WTG65	3225	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4452	NP	4.5	430301	4775849	678	J_WTG66	3735	39.5	39.5	39.5	39.5	39.5	40	43	45	49	51	C
JER4453	NP	4.5	430174	4775334	775	J_WTG68	3924	39.2	39.2	39.2	39.2	39.2	40	43	45	49	51	C
JER4456	NP	4.5	430311	4774936	783	J_WTG69	4285	39.3	39.3	39.3	39.3	39.3	40	43	45	49	51	C
JER4458	NP	4.5	430121	4774028	988	J_WTG59	4811	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C
JER4463	NP	4.5	430169	4772871	1067	J_WTG112	5783	37.1	37.1	37.1	37.1	37.1	40	43	45	49	51	C
JER4464	NP	4.5	430058	4772831	990	J_WTG112	5759	37.3	37.3	37.3	37.3	37.3	40	43	45	49	51	C
JER4466	NP	4.5	430197	4771973	1037	J_WTG73	6574	37.4	37.4	37.4	37.4	37.4	40	43	45	49	51	C
JER4467	NP	4.5	430135	4771583	912	J_WTG64	6893	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C
JER4468	NP	4.5	429963	4771535	753	J_WTG64	6863	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C
JER4469	NP	4.5	430124	4771166	710	J_WTG64	7265	39.3	39.3	39.3	39.3	39.3	40	43	45	49	51	C
JER4470	NP	4.5	427973	4770426	1051	J_WTG62	7397	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C
JER4471	NP	4.5	427968	4770470	1013	J_WTG62	7353	36.2	36.2	36.2	36.2	36.2	40	43	45	49	51	C
JER4476	NP	4.5	427677	4772127	883	J_WTG52	5674	39.5	39.5	39.5	39.5	39.5	40	43	45	49	51	C
JER4477	NP	4.5	428005	4772326	794	J_WTG60	5520	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C
JER4494	NP	4.5	422886	4766623	1475	J_WTG104	11917	28.1	28.1	28.1	28.1	28.1	40	43	45	49	51	C
JER4495	NP	4.5	423556	4767561	1318	J_WTG97	10807	30.4	30.4	30.4	30.4	30.4	40	43	45	49	51	C
JER4496	NP	4.5	423895	4767441	1408	J_WTG97	10815	29.8	29.8	29.8	29.8	29.8	40	43	45	49	51	C

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			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4575	NP	4.5	430421	4779625	1348	J_WTG29	3805	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER4576	NP	4.5	431422	4779467	1855	J_WTG32	4645	-	-	-	-	-	-	-	-	-	-	-
JER4577	NP	4.5	431401	4779473	1869	J_WTG32	4627	-	-	-	-	-	-	-	-	-	-	-
JER4578	NP	4.5	431551	4779450	1761	J_WTG32	4759	-	-	-	-	-	-	-	-	-	-	-
JER4579	NP	4.5	431617	4779441	1714	J_WTG32	4818	-	-	-	-	-	-	-	-	-	-	-
JER4580	NP	4.5	431516	4779458	1784	J_WTG32	4729	-	-	-	-	-	-	-	-	-	-	-
JER4581	NP	4.5	431016	4779540	1935	J_WTG29	4299	-	-	-	-	-	-	-	-	-	-	-
JER4582	NP	4.5	430548	4779626	1474	J_WTG29	3917	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4583	NP	4.5	431685	4779437	1665	J_WTG32	4880	-	-	-	-	-	-	-	-	-	-	-
JER4584	NP	4.5	431666	4779442	1676	J_WTG32	4864	-	-	-	-	-	-	-	-	-	-	-
JER4585	NP	4.5	430939	4779559	1859	J_WTG29	4237	-	-	-	-	-	-	-	-	-	-	-
JER4586	NP	4.5	430269	4779670	1203	J_WTG29	3696	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER4587	NP	4.5	430973	4779558	1893	J_WTG29	4267	-	-	-	-	-	-	-	-	-	-	-
JER4588	NP	4.5	430309	4779666	1242	J_WTG29	3728	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4589	NP	4.5	430292	4779670	1226	J_WTG29	3716	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER4590	NP	4.5	430597	4779623	1523	J_WTG29	3959	-	-	-	-	-	-	-	-	-	-	-
JER4591	NP	4.5	430349	4779664	1281	J_WTG29	3762	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER4592	NP	4.5	431072	4779553	1992	J_WTG29	4355	-	-	-	-	-	-	-	-	-	-	-
JER4594	NP	4.5	430158	4779700	1100	J_WTG29	3617	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER4595	NP	4.5	431572	4779477	1727	J_WTG32	4788	-	-	-	-	-	-	-	-	-	-	-
JER4596	NP	4.5	430218	4779694	1157	J_WTG29	3665	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER4599	NP	4.5	430423	4779668	1355	J_WTG29	3828	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER4600	NP	4.5	430473	4779665	1404	J_WTG29	3870	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER4601	NP	4.5	430547	4779657	1477	J_WTG29	3931	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4602	NP	4.5	430301	4779697	1240	J_WTG29	3737	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER4603	NP	4.5	430372	4779687	1308	J_WTG29	3793	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER4606	NP	4.5	430472	4779682	1406	J_WTG29	3878	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER4607	NP	4.5	430435	4779702	1372	J_WTG29	3855	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER4608	NP	4.5	430592	4779673	1523	J_WTG29	3978	-	-	-	-	-	-	-	-	-	-	-
JER4609	NP	4.5	430474	4779700	1411	J_WTG29	3888	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER4610	NP	4.5	430357	4779714	1298	J_WTG29	3794	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER4612	NP	4.5	431208	4779580	1978	J_WTG32	4490	-	-	-	-	-	-	-	-	-	-	-
JER4613	NP	4.5	430311	4779724	1255	J_WTG29	3760	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C

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			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4615	NP	4.5	430789	4779649	1716	J_WTG29	4141	-	-	-	-	-	-	-	-	-	-	-
JER4617	NP	4.5	428115	4772498	790	J_WTG60	5370	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C
JER4618	NP	4.5	428137	4773266	1080	J_WTG112	4623	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER4619	NP	4.5	427983	4773431	1074	J_WTG50	4429	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C
JER4620	NP	4.5	428035	4773557	983	J_WTG58	4317	39.0	39.0	39.0	39.0	39.0	40	43	45	49	51	C
JER4621	NP	4.5	428173	4773847	708	J_WTG58	4069	39.4	39.4	39.4	39.4	39.4	40	43	45	49	51	C
JER4623	NP	4.5	428069	4774270	737	J_WTG58	3633	39.5	39.5	39.5	39.5	39.5	40	43	45	49	51	C
JER4625	NP	4.5	428239	4774899	865	J_WTG57	3090	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C
JER4628	NP	4.5	428102	4775488	855	J_WTG46	2494	37.7	37.7	37.7	37.7	37.7	40	43	45	49	51	C
JER4629	NP	4.5	428087	4775467	832	J_WTG46	2507	37.8	37.8	37.8	37.8	37.8	40	43	45	49	51	C
JER4630	NP	4.5	428207	4775779	912	J_WTG45	2280	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C
JER4632	NP	4.5	428113	4776063	804	J_WTG45	1987	36.5	36.5	36.5	36.5	36.5	40	43	45	49	51	C
JER4633	NP	4.5	428190	4776104	885	J_WTG45	1993	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C
JER4634	NP	4.5	427849	4776655	869	J_WTG45	1345	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C
JER4635	NP	4.5	428210	4776726	1172	J_WTG45	1526	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER4636	NP	4.5	428331	4776778	1299	J_WTG45	1583	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER4638	NP	4.5	428112	4777381	1324	J_WTG26	1086	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER4639	NP	4.5	428240	4777492	1447	J_WTG26	1176	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER4641	NP	4.5	428174	4778232	988	J_WTG24	1171	36.3	36.3	36.3	36.3	36.3	40	43	45	49	51	C
JER4642	NP	4.5	428296	4778595	876	J_WTG24	1454	37.7	37.7	37.7	37.7	37.7	40	43	45	49	51	C
JER4643	NP	4.5	428187	4778562	793	J_WTG24	1346	37.8	37.8	37.8	37.8	37.8	40	43	45	49	51	C
JER4646	NP	4.5	428277	4778831	771	J_WTG30	1585	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C
JER4651	NP	4.5	428279	4779799	840	J_WTG28	2347	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C
JER4652	NP	4.5	428196	4779856	858	J_WTG28	2356	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER4655	NP	4.5	428239	4780639	631	J_WTG28	3087	38.1	38.1	38.1	38.1	38.1	40	43	45	49	51	C
JER4656	NP	4.5	428181	4780994	760	J_WTG20	3400	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C
JER4657	NP	4.5	428337	4780983	744	J_WTG28	3443	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C
JER4658	NP	4.5	428375	4781286	783	J_WTG20	3740	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C
JER4659	NP	4.5	428343	4781393	728	J_WTG20	3830	37.1	37.1	37.1	37.1	37.1	40	43	45	49	51	C
JER4660	NP	4.5	428343	4781489	718	J_WTG20	3921	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C
JER4662	NP	4.5	428352	4781991	871	J_WTG20	4402	36.2	36.2	36.2	36.2	36.2	40	43	45	49	51	C
JER4663	NP	4.5	428270	4782249	767	J_WTG6	4629	36.6	36.6	36.6	36.6	36.6	40	43	45	49	51	C
JER4664	NP	4.5	428458	4782244	881	J_WTG6	4675	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4668	NP	4.5	428394	4783324	661	J_WTG6	5702	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C
JER4671	NP	4.5	428392	4783666	914	J_WTG6	6035	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER4681	NP	4.5	428069	4784475	1577	J_WTG6	6774	-	-	-	-	-	-	-	-	-	-	-
JER4682	NP	7.5	428126	4784204	1318	J_WTG6	6515	31.8	31.8	31.8	31.8	31.8	40	43	45	49	51	C
JER4684	NP	4.5	430142	4782162	935	J_WTG7	5343	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C
JER4710	NP	4.5	434587	4767025	1489	J_WTG103	13098	31.5	31.5	31.5	31.5	31.5	40	43	45	49	51	C
JER4754	NP	4.5	430534	4779693	1469	J_WTG29	3937	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER4755	NP	4.5	430430	4779722	1371	J_WTG29	3861	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER4756	NP	4.5	430354	4779739	1300	J_WTG29	3805	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER4757	NP	4.5	430432	4779740	1376	J_WTG29	3872	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER4758	NP	4.5	430280	4779756	1231	J_WTG29	3750	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER4759	NP	4.5	430543	4779717	1481	J_WTG29	3957	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4760	NP	4.5	430473	4779736	1416	J_WTG29	3905	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER4761	NP	4.5	430518	4779736	1460	J_WTG29	3944	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER4762	NP	4.5	430552	4779734	1493	J_WTG29	3973	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4763	NP	4.5	430301	4779781	1258	J_WTG29	3781	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER4764	NP	4.5	430472	4779777	1423	J_WTG29	3925	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER4765	NP	4.5	430427	4779789	1382	J_WTG29	3893	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER4766	NP	4.5	430547	4779772	1495	J_WTG29	3987	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER4767	NP	4.5	430302	4779819	1268	J_WTG29	3803	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER4768	NP	4.5	430539	4779793	1492	J_WTG29	3991	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER4769	NP	4.5	430423	4779815	1384	J_WTG29	3903	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER4770	NP	4.5	430477	4779809	1435	J_WTG29	3946	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER4771	NP	4.5	430472	4779825	1434	J_WTG29	3950	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER4772	NP	4.5	430378	4779840	1347	J_WTG29	3878	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER4773	NP	4.5	430551	4779813	1508	J_WTG29	4012	-	-	-	-	-	-	-	-	-	-	-
JER4774	NP	4.5	430301	4779857	1278	J_WTG29	3822	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER4775	NP	4.5	430426	4779843	1394	J_WTG29	3920	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER4776	NP	4.5	430540	4779829	1501	J_WTG29	4010	-	-	-	-	-	-	-	-	-	-	-
JER4777	NP	4.5	430477	4779844	1444	J_WTG29	3964	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER4778	NP	4.5	430539	4779846	1504	J_WTG29	4018	-	-	-	-	-	-	-	-	-	-	-
JER4779	NP	4.5	430359	4779893	1345	J_WTG29	3891	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER4780	NP	4.5	430432	4779889	1413	J_WTG29	3950	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4781	NP	4.5	430435	4779902	1416	J_WTG27	3959	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER4782	NP	4.5	430479	4779887	1452	J_WTG27	3989	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER4783	NP	4.5	430549	4779889	1489	J_WTG27	4049	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER4784	NP	4.5	430357	4779919	1351	J_WTG29	3903	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4785	NP	4.5	430472	4779903	1435	J_WTG27	3991	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER4786	NP	4.5	430473	4779922	1420	J_WTG27	4002	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER4787	NP	4.5	430434	4779929	1393	J_WTG27	3973	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER4788	NP	4.5	430354	4779946	1338	J_WTG27	3916	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4789	NP	4.5	430550	4779917	1467	J_WTG27	4065	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER4790	NP	4.5	430472	4779938	1406	J_WTG27	4010	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER4791	NP	4.5	430373	4779957	1337	J_WTG27	3938	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER4792	NP	4.5	430539	4779932	1448	J_WTG27	4063	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER4793	NP	4.5	430433	4779951	1374	J_WTG27	3984	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER4794	NP	4.5	430222	4779994	1235	J_WTG27	3834	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER4795	NP	4.5	430484	4779962	1392	J_WTG27	4033	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER4796	NP	4.5	430429	4779979	1348	J_WTG27	3996	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER4797	NP	4.5	430364	4779984	1310	J_WTG27	3945	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4798	NP	4.5	430105	4780027	1159	J_WTG27	3759	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C
JER4799	NP	4.5	430146	4780025	1176	J_WTG27	3791	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C
JER4800	NP	4.5	430182	4780023	1192	J_WTG27	3819	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER4801	NP	4.5	430555	4779976	1422	J_WTG27	4100	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER4802	NP	4.5	430358	4780007	1287	J_WTG27	3953	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4804	NP	4.5	430472	4779996	1358	J_WTG27	4042	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER4805	NP	4.5	430605	4779978	1451	J_WTG27	4144	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4806	NP	4.5	430556	4779991	1411	J_WTG27	4109	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER4807	NP	4.5	430435	4780015	1321	J_WTG27	4021	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER4808	NP	4.5	430557	4780009	1397	J_WTG27	4120	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER4809	NP	4.5	430364	4780049	1254	J_WTG27	3982	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4810	NP	4.5	430605	4780008	1428	J_WTG27	4160	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4811	NP	4.5	430506	4780041	1341	J_WTG27	4095	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER4812	NP	4.5	430555	4780042	1370	J_WTG27	4136	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER4813	NP	4.5	430605	4780036	1406	J_WTG27	4175	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4815	NP	4.5	430479	4780088	1287	J_WTG27	4099	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4888	NP	4.5	434384	4778068	1309	J_WTG34	7292	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER4889	NP	4.5	434349	4778069	1280	J_WTG34	7257	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4890	NP	4.5	434335	4777989	1317	J_WTG34	7240	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER4891	NP	4.5	434524	4778420	1280	J_WTG34	7454	31.3	31.3	31.3	31.3	31.3	40	43	45	49	51	C
JER4961	NP	4.5	430436	4780137	1222	J_WTG27	4091	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER4962	NP	4.5	430641	4780107	1377	J_WTG27	4244	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C
JER4963	NP	4.5	430728	4780090	1450	J_WTG27	4308	32.2	32.2	32.2	32.2	32.2	40	43	45	49	51	C
JER4964	NP	4.5	430542	4780126	1297	J_WTG27	4172	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER4965	NP	4.5	430409	4780225	1136	J_WTG27	4121	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER4966	NP	4.5	423635	4782276	784	J_WTG1	5682	37.7	37.9	38.0	37.9	37.9	40	43	45	49	51	C
JER4967	NP	4.5	423697	4782287	835	J_WTG1	5653	37.4	37.6	37.8	37.6	37.6	40	43	45	49	51	C
JER4968	NP	4.5	423609	4782313	744	J_WTG1	5727	37.7	37.9	38.1	37.9	37.9	40	43	45	49	51	C
JER4969	NP	4.5	423733	4782309	860	J_WTG1	5649	37.2	37.4	37.6	37.4	37.4	40	43	45	49	51	C
JER4970	NP	4.5	423588	4782371	702	J_WTG1	5786	37.7	37.9	38.0	37.9	37.9	40	43	45	49	51	C
JER4971	NP	4.5	423853	4782367	955	J_WTG1	5626	36.8	37.0	37.1	36.9	36.9	40	43	45	49	51	C
JER4972	NP	4.5	423562	4782441	655	J_WTG1	5858	37.8	38.0	38.1	37.9	37.9	40	43	45	49	51	C
JER4973	NP	4.5	423888	4782386	984	J_WTG1	5622	36.7	36.8	37.0	36.8	36.8	40	43	45	49	51	C
JER4974	NP	4.5	423540	4782474	625	J_WTG1	5897	37.9	38.1	38.2	38.0	38.0	40	43	45	49	51	C
JER4975	NP	4.5	423966	4782424	1052	J_WTG1	5609	36.5	36.6	36.8	36.6	36.6	40	43	45	49	51	C
JER4976	NP	4.5	423512	4782509	590	J_WTG1	5942	38.1	38.3	38.4	38.2	38.2	40	43	45	49	51	C
JER4977	NP	4.5	423499	4782585	566	J_WTG1	6011	38.1	38.3	38.4	38.2	38.2	40	43	45	49	51	C
JER4978	NP	4.5	424017	4782514	1075	J_WTG3	5656	36.2	36.4	36.5	36.4	36.4	40	43	45	49	51	C
JER4979	NP	4.5	424035	4782521	1059	J_WTG3	5652	36.2	36.4	36.5	36.3	36.3	40	43	45	49	51	C
JER4980	NP	4.5	424051	4782529	1045	J_WTG3	5650	36.2	36.4	36.5	36.3	36.3	40	43	45	49	51	C
JER4981	NP	4.5	424067	4782538	1031	J_WTG3	5649	36.2	36.4	36.5	36.3	36.3	40	43	45	49	51	C
JER4982	NP	4.5	423563	4782631	629	J_WTG1	6010	37.4	37.6	37.7	37.6	37.6	40	43	45	49	51	C
JER4983	NP	4.5	422398	4783388	932	J_WTG1	7324	33.6	34.2	34.6	34.1	34.1	40	43	45	49	51	C
JER4984	NP	4.5	422451	4783407	918	J_WTG1	7305	33.7	34.2	34.6	34.1	34.1	40	43	45	49	51	C
JER4985	NP	4.5	422492	4783420	909	J_WTG1	7289	33.7	34.3	34.6	34.1	34.1	40	43	45	49	51	C
JER4986	NP	4.5	422369	4783455	1003	J_WTG1	7394	33.2	33.8	34.2	33.6	33.6	40	43	45	49	51	C
JER4987	NP	4.5	422549	4783433	894	J_WTG1	7263	33.8	34.3	34.6	34.2	34.2	40	43	45	49	51	C
JER4988	NP	4.5	422565	4783441	895	J_WTG1	7259	33.8	34.3	34.6	34.1	34.1	40	43	45	49	51	C
JER4989	NP	4.5	422606	4783447	884	J_WTG1	7238	33.8	34.3	34.6	34.2	34.2	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER4990	NP	4.5	422621	4783458	889	J_WTG1	7238	33.8	34.3	34.6	34.1	34.1	40	43	45	49	51	C
JER4991	NP	4.5	422655	4783473	892	J_WTG1	7229	33.7	34.2	34.5	34.1	34.1	40	43	45	49	51	C
JER4992	NP	4.5	422729	4783495	893	J_WTG1	7201	33.7	34.2	34.4	34.0	34.0	40	43	45	49	51	C
JER4993	NP	4.5	422788	4783516	902	J_WTG1	7182	33.6	34.1	34.3	33.9	33.9	40	43	45	49	51	C
JER4994	NP	4.5	422866	4783541	918	J_WTG1	7156	33.5	33.9	34.2	33.8	33.8	40	43	45	49	51	C
JER4995	NP	4.5	422883	4783545	920	J_WTG1	7149	33.5	33.9	34.2	33.8	33.8	40	43	45	49	51	C
JER4996	NP	4.5	422881	4783575	950	J_WTG1	7174	33.2	33.7	34.0	33.6	33.6	40	43	45	49	51	C
JER4997	NP	4.5	422856	4783621	998	J_WTG1	7226	32.9	33.4	33.6	33.2	33.2	40	43	45	49	51	C
JER4998	NP	4.5	434613	4777835	1560	J_WTG79	7515	-	-	-	-	-	-	-	-	-	-	-
JER4999	NP	4.5	432697	4777853	1038	J_WTG78	5600	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C
JER5000	NP	4.5	432872	4777849	971	J_WTG78	5775	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C
JER5002	NP	4.5	430800	4777023	890	J_WTG65	3777	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C
JER5003	NP	4.5	430841	4777097	885	J_WTG65	3803	35.8	35.8	35.8	35.8	35.8	40	43	45	49	51	C
JER5004	NP	4.5	431085	4777185	736	J_WTG65	4030	36.4	36.4	36.4	36.4	36.4	40	43	45	49	51	C
JER5005	NP	4.5	431540	4777261	586	J_WTG65	4471	37.6	37.6	37.6	37.6	37.6	40	43	45	49	51	C
JER5006	NP	4.5	432335	4778719	974	J_WTG34	5322	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER5008	NP	4.5	432336	4779132	1021	J_WTG34	5412	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER5009	NP	4.5	432079	4779278	1313	J_WTG34	5204	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER5011	NP	4.5	432551	4779007	780	J_WTG34	5591	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C
JER5012	NP	4.5	432398	4779388	1076	J_WTG34	5541	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER5013	NP	4.5	432403	4779493	1132	J_WTG34	5577	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER5014	NP	7.5	432405	4779828	882	J_WTG32	5692	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER5015	NP	4.5	432283	4780007	841	J_WTG32	5647	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C
JER5016	NP	4.5	431637	4779985	1416	J_WTG32	5050	31.7	31.7	31.7	31.7	31.7	40	43	45	49	51	C
JER5017	NP	4.5	431393	4779979	1646	J_WTG32	4829	-	-	-	-	-	-	-	-	-	-	-
JER5018	NP	4.5	431074	4779976	1783	J_WTG27	4546	-	-	-	-	-	-	-	-	-	-	-
JER5020	NP	4.5	430832	4780084	1529	J_WTG27	4392	-	-	-	-	-	-	-	-	-	-	-
JER5021	NP	4.5	430785	4780021	1539	J_WTG27	4319	-	-	-	-	-	-	-	-	-	-	-
JER5022	NP	4.5	430296	4780096	1179	J_WTG27	3954	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER5024	NP	4.5	427220	4780212	818	J_WTG21	2444	38.4	38.4	38.4	38.4	38.4	40	43	45	49	51	C
JER5025	NP	4.5	427221	4780148	760	J_WTG21	2380	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C
JER5026	NP	4.5	426780	4780157	711	J_WTG21	2407	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C
JER5029	NP	4.5	426538	4780446	1055	J_WTG21	2733	37.6	37.6	37.6	37.6	37.6	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5030	NP	4.5	426543	4780155	786	J_WTG21	2448	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER5038	NP	4.5	426056	4777945	862	J_WTG26	1056	37.6	37.6	37.6	37.6	37.6	40	43	45	49	51	C
JER5039	NP	4.5	426093	4776880	933	J_WTG26	1343	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C
JER5040	NP	4.5	426162	4776767	965	J_WTG26	1373	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C
JER5042	NP	4.5	426151	4776453	1226	J_WTG26	1623	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C
JER5043	NP	4.5	425908	4776191	1342	J_WTG39	1978	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C
JER5045	NP	4.5	426142	4775974	1173	J_WTG45	2035	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C
JER5046	NP	4.5	425955	4775842	1248	J_WTG39	2242	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C
JER5049	NP	4.5	426024	4775331	1242	J_WTG41	2666	36.4	36.4	36.4	36.4	36.4	40	43	45	49	51	C
JER5050	NP	4.5	426129	4775121	1159	J_WTG41	2822	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C
JER5051	NP	4.5	426019	4775067	1042	J_WTG41	2911	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C
JER5052	NP	4.5	426121	4774854	994	J_WTG41	3076	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C
JER5053	NP	4.5	426097	4774591	867	J_WTG41	3334	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C
JER5054	NP	4.5	425975	4774574	745	J_WTG41	3389	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER5055	NP	4.5	426077	4774233	820	J_WTG41	3682	39.0	39.0	39.0	39.0	39.0	40	43	45	49	51	C
JER5059	NP	4.5	425904	4773115	1036	J_WTG50	4807	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER5060	NP	4.5	425968	4772637	928	J_WTG52	5257	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER5061	NP	4.5	425968	4772586	907	J_WTG52	5307	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER5063	NP	4.5	425994	4771802	713	J_WTG53	6070	39.4	39.4	39.4	39.4	39.4	40	43	45	49	51	C
JER5064	NP	4.5	426007	4771265	823	J_WTG53	6597	38.4	38.4	38.4	38.4	38.4	40	43	45	49	51	C
JER5065	NP	4.5	425597	4771063	713	J_WTG92	6874	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C
JER5066	NP	4.5	424700	4771249	723	J_WTG90	6949	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C
JER5127	NP	4.5	424138	4771296	631	J_WTG90	7119	39.0	39.0	39.0	39.0	39.0	40	43	45	49	51	C
JER5128	NP	4.5	422990	4771610	678	J_WTG88	7405	37.8	37.8	37.8	37.8	37.8	40	43	45	49	51	C
JER5129	NP	4.5	422680	4771821	631	J_WTG38	7411	38.0	38.0	38.0	38.0	38.0	40	43	45	49	51	C
JER5132	NP	4.5	421456	4772092	893	J_WTG38	8005	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C
JER5133	NP	4.5	421300	4772130	1036	J_WTG38	8089	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C
JER5134	NP	4.5	421193	4772149	1137	J_WTG38	8153	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C
JER5135	NP	4.5	420999	4772330	1316	J_WTG38	8173	37.8	37.8	37.8	37.8	37.8	40	43	45	49	51	C
JER5139	NP	4.5	420505	4772226	1813	J_WTG38	8615	-	-	-	-	-	-	-	-	-	-	-
JER5140	NP	4.5	420539	4772173	1783	J_WTG38	8623	-	-	-	-	-	-	-	-	-	-	-
JER5141	NP	4.5	421176	4772070	1170	J_WTG38	8220	36.6	36.6	36.6	36.6	36.6	40	43	45	49	51	C
JER5142	NP	4.5	421937	4771800	656	J_WTG38	7892	38.0	38.0	38.0	38.0	38.0	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5143	NP	4.5	422237	4771756	585	J_WTG38	7734	38.4	38.4	38.4	38.4	38.4	40	43	45	49	51	C
JER5145	NP	4.5	425052	4771067	738	J_WTG44	7009	39.4	39.4	39.4	39.4	39.4	40	43	45	49	51	C
JER5146	NP	4.5	425157	4771029	719	J_WTG92	7016	39.6	39.6	39.6	39.6	39.6	40	43	45	49	51	C
JER5148	NP	4.5	425500	4770948	583	J_WTG92	7008	39.6	39.6	39.6	39.6	39.6	40	43	45	49	51	C
JER5149	NP	4.5	425954	4770800	672	J_WTG92	7064	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C
JER5150	NP	4.5	426038	4770789	732	J_WTG92	7062	37.9	37.9	37.9	37.9	37.9	40	43	45	49	51	C
JER5152	NP	4.5	426224	4770747	872	J_WTG92	7078	37.3	37.3	37.3	37.3	37.3	40	43	45	49	51	C
JER5153	NP	4.5	426137	4770778	810	J_WTG92	7059	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C
JER5157	NP	4.5	424990	4771054	746	J_WTG91	7040	39.4	39.4	39.4	39.4	39.4	40	43	45	49	51	C
JER5158	NP	4.5	424694	4771103	610	J_WTG90	7088	39.5	39.5	39.5	39.5	39.5	40	43	45	49	51	C
JER5159	NP	4.5	422796	4770407	780	J_WTG89	8529	37.4	37.4	37.4	37.4	37.4	40	43	45	49	51	C
JER5160	NP	4.5	422830	4771255	553	J_WTG88	7789	38.7	38.7	38.7	38.7	38.7	40	43	45	49	51	C
JER5161	NP	4.5	423807	4772313	1293	J_WTG43	6373	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C
JER5162	NP	4.5	424123	4772344	1107	J_WTG43	6189	36.2	36.2	36.2	36.2	36.2	40	43	45	49	51	C
JER5167	NP	4.5	427814	4772756	848	J_WTG51	5066	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C
JER5168	NP	4.5	424987	4772847	661	J_WTG43	5357	38.5	38.5	38.5	38.5	38.5	40	43	45	49	51	C
JER5169	NP	4.5	424827	4772826	592	J_WTG43	5442	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C
JER5170	NP	4.5	423990	4772868	758	J_WTG43	5805	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C
JER5171	NP	4.5	423962	4772608	964	J_WTG43	6041	36.5	36.5	36.5	36.5	36.5	40	43	45	49	51	C
JER5175	NP	4.5	421813	4772093	558	J_WTG38	7757	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER5177	NP	4.5	423239	4772737	826	J_WTG37	6343	37.7	37.7	37.7	37.7	37.7	40	43	45	49	51	C
JER5178	NP	4.5	423372	4772740	915	J_WTG37	6261	37.3	37.3	37.3	37.3	37.3	40	43	45	49	51	C
JER5179	NP	4.5	423421	4772815	903	J_WTG37	6171	37.4	37.4	37.4	37.4	37.4	40	43	45	49	51	C
JER5184	NP	4.5	424033	4773661	615	J_WTG43	5127	39.5	39.5	39.5	39.5	39.5	40	43	45	49	51	C
JER5185	NP	4.5	424013	4774043	864	J_WTG40	4839	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C
JER5188	NP	4.5	423927	4774319	834	J_WTG40	4687	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C
JER5189	NP	4.5	423966	4775180	852	J_WTG39	4065	38.0	38.0	38.0	38.0	38.0	40	43	45	49	51	C
JER5191	NP	4.5	423879	4775438	876	J_WTG39	3976	37.8	37.8	37.8	37.8	37.8	40	43	45	49	51	C
JER5193	NP	4.5	424253	4775884	624	J_WTG39	3414	37.9	37.9	37.9	37.9	37.9	40	43	45	49	51	C
JER5265	NP	4.5	424110	4776999	838	J_WTG18	3086	36.9	37.0	37.0	37.0	37.0	40	43	45	49	51	C
JER5266	NP	4.5	424015	4777016	893	J_WTG18	3174	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C
JER5267	NP	4.5	424147	4777441	554	J_WTG18	2969	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C
JER5270	NP	4.5	424063	4778817	1341	J_WTG18	3210	38.7	38.8	38.9	38.8	38.8	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5271	NP	4.5	424051	4779275	1377	J_WTG16	3398	39.2	39.3	39.3	39.3	39.3	40	43	45	49	51	C
JER5272	NP	4.5	424295	4779258	1134	J_WTG16	3173	38.4	38.5	38.5	38.4	38.4	40	43	45	49	51	C
JER5274	NP	4.5	424062	4780093	1184	J_WTG12	3822	38.6	38.7	38.8	38.7	38.7	40	43	45	49	51	C
JER5275	NP	4.5	424062	4780140	1144	J_WTG12	3851	38.5	38.7	38.7	38.6	38.6	40	43	45	49	51	C
JER5277	NP	4.5	424182	4780917	752	J_WTG12	4290	38.4	38.6	38.7	38.5	38.5	40	43	45	49	51	C
JER5279	NP	4.5	424013	4781945	820	J_WTG11	5190	37.7	37.9	38.0	37.9	37.9	40	43	45	49	51	C
JER5281	NP	4.5	424620	4781789	645	J_WTG13	4721	39.3	39.4	39.4	39.4	39.4	40	43	45	49	51	C
JER5283	NP	4.5	425793	4781616	745	J_WTG13	4060	38.5	38.5	38.5	38.5	38.5	40	43	45	49	51	C
JER5284	NP	4.5	426127	4781550	800	J_WTG19	3902	37.9	37.9	37.9	37.9	37.9	40	43	45	49	51	C
JER5285	NP	4.5	426212	4781494	716	J_WTG19	3827	38.1	38.1	38.1	38.1	38.1	40	43	45	49	51	C
JER5289	NP	4.5	426446	4781269	551	J_WTG19	3558	39.0	39.0	39.0	39.0	39.0	40	43	45	49	51	C
JER5291	NP	4.5	426393	4780843	876	J_WTG19	3152	37.6	37.6	37.6	37.6	37.6	40	43	45	49	51	C
JER5293	NP	4.5	426020	4782454	570	J_WTG4	4805	39.9	39.9	39.9	39.9	39.9	40	43	45	49	51	C
JER5298	NP	4.5	427440	4783241	551	J_WTG6	5481	39.4	39.4	39.4	39.4	39.4	40	43	45	49	51	C
JER5299	NP	4.5	427014	4782553	708	J_WTG4	4783	38.7	38.7	38.7	38.7	38.7	40	43	45	49	51	C
JER5301	NP	4.5	427536	4782281	716	J_WTG6	4531	38.4	38.4	38.4	38.4	38.4	40	43	45	49	51	C
JER5302	NP	4.5	427646	4782187	675	J_WTG20	4450	38.5	38.5	38.5	38.5	38.5	40	43	45	49	51	C
JER5303	NP	4.5	430349	4781972	1075	J_WTG27	5312	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER5304	NP	4.5	430434	4781795	1000	J_WTG27	5227	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER5305	NP	4.5	430605	4781557	1006	J_WTG27	5161	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER5306	NP	4.5	430736	4781334	1057	J_WTG27	5092	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER5307	NP	4.5	430571	4781635	1013	J_WTG27	5195	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER5310	NP	4.5	430772	4781309	1088	J_WTG27	5101	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER5312	NP	4.5	431043	4780881	1361	J_WTG27	5023	32.2	32.2	32.2	32.2	32.2	40	43	45	49	51	C
JER5313	NP	4.5	431387	4780683	1567	J_WTG32	5184	-	-	-	-	-	-	-	-	-	-	-
JER5314	NP	4.5	431273	4780491	1673	J_WTG32	4983	-	-	-	-	-	-	-	-	-	-	-
JER5315	NP	4.5	431400	4780485	1546	J_WTG32	5087	-	-	-	-	-	-	-	-	-	-	-
JER5318	NP	4.5	431672	4780020	1370	J_WTG32	5097	31.8	31.8	31.8	31.8	31.8	40	43	45	49	51	C
JER5320	NP	4.5	431675	4779911	1411	J_WTG32	5053	31.7	31.7	31.7	31.7	31.7	40	43	45	49	51	C
JER5324	NP	4.5	431915	4779458	1483	J_WTG32	5104	31.9	31.9	31.9	31.9	31.9	40	43	45	49	51	C
JER5325	NP	4.5	432441	4779998	729	J_WTG32	5789	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C
JER5326	NP	4.5	432437	4780206	600	J_WTG32	5868	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C
JER5327	NP	4.5	432292	4780211	725	J_WTG32	5739	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5328	NP	4.5	432351	4780437	601	J_WTG32	5891	36.7	36.7	36.7	36.7	36.7	40	43	45	49	51	C
JER5392	NP	4.5	421268	4781852	1837	J_WTG1	7116	-	-	-	-	-	-	-	-	-	-	-
JER5402	NP	4.5	432447	4781154	804	J_WTG32	6329	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C
JER5403	NP	4.5	432464	4781232	856	J_WTG32	6385	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C
JER5404	NP	4.5	432465	4781462	1011	J_WTG10	6514	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C
JER5405	NP	4.5	432361	4781467	1064	J_WTG10	6431	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER5410	NP	4.5	430312	4781449	696	J_WTG27	4884	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C
JER5413	NP	4.5	430315	4780674	755	J_WTG27	4333	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C
JER5414	NP	4.5	430372	4780680	798	J_WTG27	4380	34.9	34.9	34.9	34.9	34.9	40	43	45	49	51	C
JER5415	NP	4.5	430451	4780983	760	J_WTG27	4643	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C
JER5416	NP	4.5	430334	4781163	634	J_WTG27	4688	36.3	36.3	36.3	36.3	36.3	40	43	45	49	51	C
JER5417	NP	7.5	430313	4780859	662	J_WTG27	4458	36.4	36.4	36.4	36.4	36.4	40	43	45	49	51	C
JER5418	NP	4.5	430438	4780738	826	J_WTG27	4468	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER5419	NP	4.5	430415	4780777	789	J_WTG27	4476	34.9	34.9	34.9	34.9	34.9	40	43	45	49	51	C
JER5468	NP	4.5	434708	4771308	1848	J_WTG108	9984	-	-	-	-	-	-	-	-	-	-	-
JER5479	NP	4.5	421192	4761615	1974	J_WTG105	17202	-	-	-	-	-	-	-	-	-	-	-
JER5489	NP	4.5	432691	4764703	1612	J_WTG103	14215	-	-	-	-	-	-	-	-	-	-	-
JER5493	NP	4.5	422355	4764339	1165	J_WTG105	14245	30.6	30.6	30.6	30.6	30.6	40	43	45	49	51	C
JER5496	NP	4.5	420300	4764504	1509	J_WTG105	14907	-	-	-	-	-	-	-	-	-	-	-
JER5525	NP	4.5	432140	4766034	998	J_WTG102	12774	32.2	32.2	32.2	32.2	32.2	40	43	45	49	51	C
JER5526	NP	4.5	430173	4767049	1917	J_WTG94	11154	-	-	-	-	-	-	-	-	-	-	-
JER5534	NP	4.5	422771	4766140	1067	J_WTG104	12410	30.0	30.0	30.0	30.0	30.0	40	43	45	49	51	C
JER5538	NP	4.5	434502	4770993	1639	J_WTG108	10038	-	-	-	-	-	-	-	-	-	-	-
JER5539	NP	4.5	434731	4771233	1865	J_WTG108	10050	-	-	-	-	-	-	-	-	-	-	-
JER5542	NP	4.5	435247	4772809	1831	J_WTG85	9541	-	-	-	-	-	-	-	-	-	-	-
JER5550	NP	4.5	435334	4775721	1549	J_WTG82	8487	-	-	-	-	-	-	-	-	-	-	-
JER5551	NP	4.5	435285	4776706	1818	J_WTG79	8256	-	-	-	-	-	-	-	-	-	-	-
JER5552	NP	4.5	435363	4776973	1905	J_WTG79	8303	-	-	-	-	-	-	-	-	-	-	-
JER5553	NP	4.5	435247	4777076	1804	J_WTG79	8179	-	-	-	-	-	-	-	-	-	-	-
JER5555	NP	4.5	435331	4777291	1933	J_WTG79	8247	-	-	-	-	-	-	-	-	-	-	-
JER5560	NP	4.5	429735	4778833	842	J_WTG30	2843	35.9	35.9	35.9	35.9	35.9	40	43	45	49	51	C
JER5561	NP	4.5	429726	4779455	644	J_WTG29	3121	37.8	37.8	37.8	37.8	37.8	40	43	45	49	51	C
JER5563	NP	4.5	427222	4778179	753	J_WTG25	426	39.9	39.9	39.9	39.9	39.9	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5564	NP	4.5	424819	4778152	550	J_WTG18	2311	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C
JER5565	NP	4.5	424723	4778246	626	J_WTG18	2422	38.6	38.7	38.7	38.6	38.6	40	43	45	49	51	C
JER5566	NP	4.5	424340	4776862	829	J_WTG18	2904	36.5	36.5	36.5	36.5	36.5	40	43	45	49	51	C
JER5567	NP	4.5	424403	4776892	778	J_WTG18	2835	36.6	36.6	36.6	36.6	36.6	40	43	45	49	51	C
JER5569	NP	4.5	424954	4777015	670	J_WTG18	2273	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C
JER5570	NP	4.5	425213	4776883	916	J_WTG18	2084	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C
JER5571	NP	4.5	425411	4777008	962	J_WTG18	1852	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C
JER5572	NP	4.5	426595	4776820	705	J_WTG26	1076	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C
JER5573	NP	4.5	426856	4776815	685	J_WTG26	986	37.3	37.3	37.3	37.3	37.3	40	43	45	49	51	C
JER5574	NP	4.5	428334	4776898	1379	J_WTG45	1513	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER5576	NP	4.5	430369	4772578	1127	J_WTG72	6137	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C
JER5577	NP	4.5	431149	4772558	740	J_WTG72	6602	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C
JER5578	NP	4.5	431706	4772628	811	J_WTG72	6905	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C
JER5582	NP	4.5	428071	4774484	792	J_WTG58	3428	39.3	39.3	39.3	39.3	39.3	40	43	45	49	51	C
JER5583	NP	4.5	428167	4774428	682	J_WTG58	3510	39.5	39.5	39.5	39.5	39.5	40	43	45	49	51	C
JER5584	NP	4.5	423578	4774876	911	J_WTG35	4558	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C
JER5585	NP	4.5	421993	4775108	1405	J_WTG35	5758	38.7	38.7	38.7	38.7	38.7	40	43	45	49	51	C
JER5607	NP	4.5	432440	4770011	1198	J_WTG108	9421	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C
JER5608	NP	4.5	432444	4769987	1219	J_WTG108	9443	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER5609	NP	4.5	432440	4769967	1240	J_WTG108	9457	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER5610	NP	4.5	432438	4769946	1260	J_WTG108	9473	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER5611	NP	4.5	432437	4769927	1278	J_WTG108	9489	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER5612	NP	4.5	432435	4769905	1300	J_WTG108	9506	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER5613	NP	4.5	432497	4769876	1308	J_WTG108	9565	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER5614	NP	4.5	432475	4769874	1316	J_WTG108	9554	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER5615	NP	4.5	432435	4769876	1327	J_WTG108	9530	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER5616	NP	4.5	432430	4769824	1378	J_WTG108	9570	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER5617	NP	4.5	432507	4769824	1355	J_WTG108	9613	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C
JER5618	NP	4.5	432286	4769780	1471	J_WTG108	9527	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER5619	NP	4.5	432289	4769705	1539	J_WTG108	9592	-	-	-	-	-	-	-	-	-	-	-
JER5620	NP	4.5	432385	4769838	1380	J_WTG108	9533	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER5621	NP	4.5	432286	4769753	1495	J_WTG108	9550	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER5622	NP	4.5	432156	4769948	1380	J_WTG108	9316	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5623	NP	4.5	432146	4770199	1179	J_WTG108	9100	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER5624	NP	4.5	432164	4769686	1492	J_WTG76	9541	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C
JER5625	NP	4.5	432077	4769877	1347	J_WTG76	9333	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER5626	NP	4.5	432007	4769246	1285	J_WTG94	9837	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER5627	NP	4.5	432078	4769277	1362	J_WTG94	9846	32.1	32.1	32.1	32.1	32.1	40	43	45	49	51	C
JER5628	NP	4.5	432117	4769276	1399	J_WTG94	9867	32.0	32.0	32.0	32.0	32.0	40	43	45	49	51	C
JER5629	NP	4.5	432153	4769211	1416	J_WTG94	9941	31.7	31.7	31.7	31.7	31.7	40	43	45	49	51	C
JER5630	NP	4.5	432068	4769359	1379	J_WTG94	9770	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C
JER5631	NP	4.5	432446	4770038	1171	J_WTG108	9402	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER5632	NP	4.5	433175	4770407	785	J_WTG108	9548	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C
JER5633	NP	4.5	433164	4770416	773	J_WTG108	9534	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C
JER5634	NP	4.5	433167	4770404	785	J_WTG108	9545	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C
JER5635	NP	4.5	433181	4770397	797	J_WTG108	9559	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C
JER5636	NP	4.5	433154	4770422	763	J_WTG108	9523	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C
JER5637	NP	4.5	433121	4770183	980	J_WTG108	9688	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER5638	NP	4.5	433137	4770181	986	J_WTG108	9699	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER5639	NP	4.5	433153	4770182	990	J_WTG108	9709	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER5640	NP	4.5	433168	4770184	992	J_WTG108	9716	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER5641	NP	4.5	433186	4770182	1000	J_WTG108	9729	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER5642	NP	4.5	433182	4770256	928	J_WTG108	9669	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER5643	NP	4.5	433148	4770274	900	J_WTG108	9634	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER5644	NP	4.5	433133	4770265	904	J_WTG108	9631	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER5645	NP	4.5	433131	4770249	919	J_WTG108	9642	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER5646	NP	4.5	433183	4770302	886	J_WTG108	9634	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C
JER5647	NP	4.5	433203	4770333	864	J_WTG108	9623	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C
JER5648	NP	4.5	433216	4770332	870	J_WTG108	9632	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER5649	NP	4.5	433227	4770331	876	J_WTG108	9639	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER5650	NP	4.5	433251	4770331	886	J_WTG108	9655	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C
JER5651	NP	4.5	433212	4770236	958	J_WTG108	9703	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER5652	NP	4.5	433230	4770229	971	J_WTG108	9720	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER5653	NP	4.5	433247	4770220	985	J_WTG108	9738	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER5654	NP	4.5	433262	4770213	998	J_WTG108	9753	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER5655	NP	4.5	433275	4770201	1014	J_WTG108	9770	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C

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			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5656	NP	4.5	433288	4770194	1026	J_WTG108	9784	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER5657	NP	4.5	433304	4770194	1032	J_WTG108	9794	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER5658	NP	4.5	433073	4770272	882	J_WTG108	9588	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER5659	NP	4.5	433091	4770272	886	J_WTG108	9600	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER5660	NP	4.5	433106	4770272	890	J_WTG108	9609	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C
JER5661	NP	4.5	433106	4770249	912	J_WTG108	9627	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER5662	NP	4.5	433090	4770251	906	J_WTG108	9615	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER5663	NP	4.5	433074	4770250	904	J_WTG108	9606	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER5664	NP	4.5	433062	4770225	925	J_WTG108	9618	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER5665	NP	4.5	433079	4770226	928	J_WTG108	9628	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C
JER5666	NP	4.5	433095	4770225	933	J_WTG108	9639	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C
JER5667	NP	4.5	433112	4770227	935	J_WTG108	9648	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C
JER5668	NP	4.5	433124	4770208	957	J_WTG108	9670	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER5669	NP	4.5	433108	4770206	954	J_WTG108	9662	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER5670	NP	4.5	433093	4770204	953	J_WTG108	9654	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER5671	NP	4.5	433133	4770226	942	J_WTG108	9662	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER5672	NP	4.5	433158	4770206	968	J_WTG108	9693	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER5673	NP	4.5	433142	4770206	963	J_WTG108	9683	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER5674	NP	4.5	433148	4770227	945	J_WTG108	9670	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER5675	NP	4.5	433325	4770289	957	J_WTG108	9734	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER5676	NP	4.5	433311	4770290	949	J_WTG108	9725	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER5677	NP	4.5	433288	4770290	939	J_WTG108	9710	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER5678	NP	4.5	433273	4770292	930	J_WTG108	9699	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER5679	NP	4.5	433266	4770271	946	J_WTG108	9711	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER5680	NP	4.5	433278	4770270	952	J_WTG108	9719	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER5681	NP	4.5	433289	4770270	957	J_WTG108	9726	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C
JER5682	NP	4.5	433302	4770268	965	J_WTG108	9736	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER5683	NP	4.5	433314	4770268	970	J_WTG108	9743	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER5684	NP	4.5	433322	4770253	987	J_WTG108	9760	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C
JER5685	NP	4.5	433308	4770255	979	J_WTG108	9750	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C
JER5686	NP	4.5	433293	4770257	971	J_WTG108	9738	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER5687	NP	4.5	433279	4770258	964	J_WTG108	9729	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C
JER5688	NP	4.5	433260	4770255	958	J_WTG108	9719	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER5724	NP	4.5	432377	4769487	1714	J_WTG94	9823	-	-	-	-	-	-	-	-	-	-	-	-
JER5725	NP	4.5	432584	4769309	1843	J_WTG108	10085	-	-	-	-	-	-	-	-	-	-	-	-
JER5726	NP	4.5	432658	4769296	1846	J_WTG108	10136	-	-	-	-	-	-	-	-	-	-	-	-
JER5727	NP	4.5	432667	4769226	1915	J_WTG108	10200	-	-	-	-	-	-	-	-	-	-	-	-
JER5734	NP	4.5	432970	4770142	993	J_WTG108	9627	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	
JER5735	NP	4.5	433072	4770493	669	J_WTG108	9416	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C	
JER5736	NP	4.5	433067	4770402	754	J_WTG108	9483	35.8	35.8	35.8	35.8	35.8	40	43	45	49	51	C	
JER5737	NP	4.5	433082	4770396	764	J_WTG108	9497	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C	
JER5738	NP	4.5	433097	4770387	777	J_WTG108	9514	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C	
JER5739	NP	4.5	433112	4770380	788	J_WTG108	9529	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C	
JER5740	NP	4.5	433124	4770374	798	J_WTG108	9541	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C	
JER5741	NP	4.5	433134	4770369	806	J_WTG108	9551	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C	
JER5742	NP	4.5	433145	4770363	815	J_WTG108	9563	35.2	35.2	35.2	35.2	35.2	40	43	45	49	51	C	
JER5743	NP	4.5	433156	4770358	824	J_WTG108	9574	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C	
JER5744	NP	4.5	433175	4770370	819	J_WTG108	9576	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C	
JER5745	NP	4.5	433171	4770383	806	J_WTG108	9564	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C	
JER5746	NP	4.5	433160	4770388	797	J_WTG108	9553	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C	
JER5747	NP	4.5	433164	4770376	810	J_WTG108	9565	35.2	35.2	35.2	35.2	35.2	40	43	45	49	51	C	
JER5748	NP	4.5	433149	4770392	789	J_WTG108	9543	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C	
JER5749	NP	4.5	433154	4770382	800	J_WTG108	9554	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C	
JER5750	NP	4.5	433144	4770385	794	J_WTG108	9545	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C	
JER5751	NP	4.5	433139	4770397	781	J_WTG108	9533	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C	
JER5752	NP	4.5	433132	4770394	782	J_WTG108	9530	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C	
JER5753	NP	4.5	433127	4770404	770	J_WTG108	9520	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C	
JER5754	NP	4.5	433121	4770398	774	J_WTG108	9520	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C	
JER5755	NP	4.5	433110	4770404	765	J_WTG108	9509	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C	
JER5756	NP	4.5	433114	4770411	760	J_WTG108	9506	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C	
JER5757	NP	4.5	433099	4770416	750	J_WTG108	9493	35.8	35.8	35.8	35.8	35.8	40	43	45	49	51	C	
JER5758	NP	4.5	433095	4770410	755	J_WTG108	9495	35.8	35.8	35.8	35.8	35.8	40	43	45	49	51	C	
JER5759	NP	4.5	433079	4770417	743	J_WTG108	9479	35.9	35.9	35.9	35.9	35.9	40	43	45	49	51	C	
JER5760	NP	4.5	433085	4770425	737	J_WTG108	9477	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C	
JER5761	NP	4.5	433103	4770437	731	J_WTG108	9479	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C	
JER5762	NP	4.5	433116	4770431	741	J_WTG108	9492	35.9	35.9	35.9	35.9	35.9	40	43	45	49	51	C	

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5763	NP	4.5	433120	4770438	736	J_WTG108	9489	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C
JER5764	NP	4.5	433130	4770436	741	J_WTG108	9497	35.9	35.9	35.9	35.9	35.9	40	43	45	49	51	C
JER5765	NP	4.5	433140	4770435	746	J_WTG108	9504	35.9	35.9	35.9	35.9	35.9	40	43	45	49	51	C
JER5766	NP	4.5	433136	4770420	759	J_WTG108	9513	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C
JER5767	NP	4.5	433127	4770425	751	J_WTG108	9503	35.8	35.8	35.8	35.8	35.8	40	43	45	49	51	C
JER5768	NP	4.5	433149	4770413	770	J_WTG108	9527	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C
JER5769	NP	4.5	433159	4770408	778	J_WTG108	9537	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C
JER5774	NP	4.5	433315	4770220	1013	J_WTG108	9781	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER5775	NP	4.5	433206	4770287	908	J_WTG108	9660	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER5776	NP	4.5	433323	4770436	829	J_WTG108	9620	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C
JER5777	NP	4.5	433312	4770435	824	J_WTG108	9614	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C
JER5778	NP	4.5	433302	4770435	819	J_WTG108	9608	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C
JER5779	NP	4.5	433292	4770434	814	J_WTG108	9602	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C
JER5780	NP	4.5	433283	4770434	810	J_WTG108	9596	35.2	35.2	35.2	35.2	35.2	40	43	45	49	51	C
JER5781	NP	4.5	433274	4770433	806	J_WTG108	9591	35.2	35.2	35.2	35.2	35.2	40	43	45	49	51	C
JER5782	NP	4.5	433280	4770406	833	J_WTG108	9616	34.9	34.9	34.9	34.9	34.9	40	43	45	49	51	C
JER5783	NP	4.5	433286	4770405	836	J_WTG108	9620	34.9	34.9	34.9	34.9	34.9	40	43	45	49	51	C
JER5784	NP	4.5	433295	4770406	840	J_WTG108	9625	34.9	34.9	34.9	34.9	34.9	40	43	45	49	51	C
JER5785	NP	4.5	433314	4770406	850	J_WTG108	9638	34.8	34.8	34.8	34.8	34.8	40	43	45	49	51	C
JER5786	NP	4.5	433322	4770406	854	J_WTG108	9643	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C
JER5787	NP	4.5	433304	4770406	845	J_WTG108	9631	34.8	34.8	34.8	34.8	34.8	40	43	45	49	51	C
JER5788	NP	4.5	433285	4770390	849	J_WTG108	9631	34.8	34.8	34.8	34.8	34.8	40	43	45	49	51	C
JER5789	NP	4.5	433297	4770389	856	J_WTG108	9640	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C
JER5790	NP	4.5	433308	4770386	864	J_WTG108	9649	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER5791	NP	4.5	433330	4770386	875	J_WTG108	9663	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C
JER5792	NP	4.5	433329	4770375	884	J_WTG108	9671	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER5793	NP	4.5	433328	4770363	894	J_WTG108	9679	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER5794	NP	4.5	433323	4770354	899	J_WTG108	9683	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C
JER5795	NP	4.5	433308	4770352	893	J_WTG108	9675	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER5796	NP	4.5	433299	4770355	886	J_WTG108	9667	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C
JER5797	NP	4.5	433286	4770357	878	J_WTG108	9657	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C
JER5798	NP	4.5	433285	4770369	867	J_WTG108	9647	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C
JER5799	NP	4.5	433274	4770319	907	J_WTG108	9679	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5800	NP	4.5	433301	4770318	920	J_WTG108	9697	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER5801	NP	4.5	433314	4770317	927	J_WTG108	9706	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C
JER5802	NP	4.5	433326	4770318	932	J_WTG108	9713	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C
JER5803	NP	4.5	433288	4770318	914	J_WTG108	9688	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C
JER5805	NP	4.5	433124	4770108	1053	J_WTG108	9749	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C
JER5806	NP	4.5	433137	4770108	1057	J_WTG108	9757	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C
JER5807	NP	4.5	433135	4770082	1081	J_WTG108	9776	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER5808	NP	4.5	433188	4770078	1099	J_WTG108	9812	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C
JER5809	NP	4.5	433203	4770078	1104	J_WTG108	9821	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C
JER5810	NP	4.5	433285	4770103	1108	J_WTG108	9853	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C
JER5811	NP	4.5	433138	4770136	1030	J_WTG108	9735	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C
JER5812	NP	4.5	433271	4770160	1050	J_WTG108	9800	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER5814	NP	4.5	432452	4783745	1188	J_WTG9	8022	31.4	31.4	31.4	31.4	31.4	40	43	45	49	51	C
JER5815	NP	4.5	432435	4783765	1213	J_WTG9	8026	31.2	31.2	31.2	31.2	31.2	40	43	45	49	51	C
JER5816	NP	4.5	432399	4783771	1234	J_WTG9	8006	31.1	31.1	31.1	31.1	31.1	40	43	45	49	51	C
JER5817	NP	4.5	432317	4783808	1305	J_WTG9	7980	30.8	30.8	30.8	30.8	30.8	40	43	45	49	51	C
JER5818	NP	4.5	432288	4783819	1329	J_WTG9	7970	30.7	30.7	30.7	30.7	30.7	40	43	45	49	51	C
JER5819	NP	4.5	432234	4783918	1441	J_WTG9	8010	30.1	30.1	30.1	30.1	30.1	40	43	45	49	51	C
JER5820	NP	4.5	432256	4783914	1427	J_WTG9	8021	30.2	30.2	30.2	30.2	30.2	40	43	45	49	51	C
JER5821	NP	4.5	432283	4783897	1399	J_WTG9	8026	30.3	30.3	30.3	30.3	30.3	40	43	45	49	51	C
JER5822	NP	4.5	432312	4783882	1372	J_WTG9	8033	30.4	30.4	30.4	30.4	30.4	40	43	45	49	51	C
JER5823	NP	4.5	432371	4783876	1341	J_WTG9	8067	30.5	30.5	30.5	30.5	30.5	40	43	45	49	51	C
JER5824	NP	4.5	432385	4783859	1319	J_WTG9	8063	30.6	30.6	30.6	30.6	30.6	40	43	45	49	51	C
JER5825	NP	4.5	432413	4783860	1308	J_WTG9	8082	30.6	30.6	30.6	30.6	30.6	40	43	45	49	51	C
JER5826	NP	4.5	432434	4783842	1283	J_WTG9	8083	30.7	30.7	30.7	30.7	30.7	40	43	45	49	51	C
JER5827	NP	4.5	432535	4783913	1314	J_WTG9	8203	30.3	30.3	30.3	30.3	30.3	40	43	45	49	51	C
JER5828	NP	4.5	432466	4783943	1365	J_WTG9	8180	30.1	30.1	30.1	30.1	30.1	40	43	45	49	51	C
JER5829	NP	4.5	432445	4783956	1385	J_WTG9	8176	30.0	30.0	30.0	30.0	30.0	40	43	45	49	51	C
JER5830	NP	4.5	432277	4784033	1523	J_WTG9	8126	-	-	-	-	-	-	-	-	-	-	-
JER5831	NP	4.5	432303	4784034	1512	J_WTG9	8144	-	-	-	-	-	-	-	-	-	-	-
JER5832	NP	4.5	432320	4784026	1498	J_WTG9	8148	29.5	29.5	29.5	29.5	29.5	40	43	45	49	51	C
JER5833	NP	4.5	432342	4783997	1462	J_WTG9	8140	29.7	29.7	29.7	29.7	29.7	40	43	45	49	51	C
JER5834	NP	4.5	432421	4784037	1469	J_WTG9	8222	29.5	29.5	29.5	29.5	29.5	40	43	45	49	51	C

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			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5835	NP	4.5	432446	4784031	1454	J_WTG9	8233	29.5	29.5	29.5	29.5	29.5	40	43	45	49	51	C
JER5836	NP	4.5	432379	4783977	1429	J_WTG9	8149	29.8	29.8	29.8	29.8	29.8	40	43	45	49	51	C
JER5837	NP	4.5	432401	4783972	1416	J_WTG9	8159	29.9	29.9	29.9	29.9	29.9	40	43	45	49	51	C
JER5838	NP	4.5	432422	4783965	1401	J_WTG9	8168	29.9	29.9	29.9	29.9	29.9	40	43	45	49	51	C
JER5839	NP	4.5	432224	4784044	1557	J_WTG9	8101	-	-	-	-	-	-	-	-	-	-	-
JER5840	NP	4.5	432211	4783923	1457	J_WTG9	7999	30.1	30.1	30.1	30.1	30.1	40	43	45	49	51	C
JER5841	NP	4.5	432190	4783925	1470	J_WTG9	7988	30.1	30.1	30.1	30.1	30.1	40	43	45	49	51	C
JER5842	NP	4.5	432166	4783944	1498	J_WTG9	7987	30.0	30.0	30.0	30.0	30.0	40	43	45	49	51	C
JER5843	NP	4.5	432150	4783951	1513	J_WTG9	7982	-	-	-	-	-	-	-	-	-	-	-
JER5844	NP	4.5	432124	4783955	1530	J_WTG9	7969	-	-	-	-	-	-	-	-	-	-	-
JER5845	NP	4.5	432095	4783964	1553	J_WTG9	7958	-	-	-	-	-	-	-	-	-	-	-
JER5846	NP	4.5	432115	4783882	1474	J_WTG9	7907	30.3	30.3	30.3	30.3	30.3	40	43	45	49	51	C
JER5847	NP	4.5	432148	4783872	1447	J_WTG9	7920	30.4	30.4	30.4	30.4	30.4	40	43	45	49	51	C
JER5848	NP	4.5	432181	4784049	1581	J_WTG9	8078	-	-	-	-	-	-	-	-	-	-	-
JER5849	NP	4.5	432161	4784051	1593	J_WTG9	8067	-	-	-	-	-	-	-	-	-	-	-
JER5850	NP	4.5	432139	4784057	1609	J_WTG9	8058	-	-	-	-	-	-	-	-	-	-	-
JER5851	NP	4.5	432254	4784039	1538	J_WTG9	8116	-	-	-	-	-	-	-	-	-	-	-
JER5852	NP	4.5	432071	4784078	1662	J_WTG9	8032	-	-	-	-	-	-	-	-	-	-	-
JER5853	NP	4.5	432052	4784097	1673	J_WTG8	8035	-	-	-	-	-	-	-	-	-	-	-
JER5854	NP	4.5	432030	4784100	1664	J_WTG8	8024	-	-	-	-	-	-	-	-	-	-	-
JER5855	NP	4.5	431993	4784090	1638	J_WTG8	7993	-	-	-	-	-	-	-	-	-	-	-
JER5856	NP	4.5	432001	4784177	1719	J_WTG8	8067	-	-	-	-	-	-	-	-	-	-	-
JER5857	NP	4.5	432037	4784179	1737	J_WTG8	8090	-	-	-	-	-	-	-	-	-	-	-
JER5858	NP	4.5	432055	4784166	1734	J_WTG8	8091	-	-	-	-	-	-	-	-	-	-	-
JER5859	NP	4.5	432079	4784161	1729	J_WTG9	8102	-	-	-	-	-	-	-	-	-	-	-
JER5860	NP	4.5	432123	4784143	1692	J_WTG9	8115	-	-	-	-	-	-	-	-	-	-	-
JER5861	NP	4.5	432138	4784131	1674	J_WTG9	8115	-	-	-	-	-	-	-	-	-	-	-
JER5862	NP	4.5	432162	4784120	1653	J_WTG9	8121	-	-	-	-	-	-	-	-	-	-	-
JER5863	NP	4.5	432183	4784116	1639	J_WTG9	8131	-	-	-	-	-	-	-	-	-	-	-
JER5864	NP	4.5	432207	4784109	1622	J_WTG9	8141	-	-	-	-	-	-	-	-	-	-	-
JER5865	NP	4.5	432231	4784111	1613	J_WTG9	8157	-	-	-	-	-	-	-	-	-	-	-
JER5866	NP	4.5	432250	4784109	1603	J_WTG9	8168	-	-	-	-	-	-	-	-	-	-	-
JER5867	NP	4.5	432201	4783849	1399	J_WTG9	7936	30.5	30.5	30.5	30.5	30.5	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER5868	NP	4.5	431847	4784170	1648	J_WTG8	7969	-	-	-	-	-	-	-	-	-	-	-	-
JER5869	NP	4.5	431890	4784151	1647	J_WTG8	7979	-	-	-	-	-	-	-	-	-	-	-	-
JER5870	NP	4.5	431971	4784120	1654	J_WTG8	8003	-	-	-	-	-	-	-	-	-	-	-	-
JER5871	NP	4.5	431950	4784135	1658	J_WTG8	8003	-	-	-	-	-	-	-	-	-	-	-	-
JER5872	NP	4.5	432338	4784193	1644	J_WTG9	8289	-	-	-	-	-	-	-	-	-	-	-	-
JER5873	NP	4.5	432328	4784156	1614	J_WTG9	8254	-	-	-	-	-	-	-	-	-	-	-	-
JER5874	NP	4.5	432347	4784102	1557	J_WTG9	8224	-	-	-	-	-	-	-	-	-	-	-	-
JER5875	NP	4.5	432359	4784065	1518	J_WTG9	8203	-	-	-	-	-	-	-	-	-	-	-	-
JER5876	NP	4.5	432388	4784062	1504	J_WTG9	8220	-	-	-	-	-	-	-	-	-	-	-	-
JER5877	NP	4.5	432462	4784079	1494	J_WTG9	8280	29.3	29.3	29.3	29.3	29.3	40	43	45	49	51	C	C
JER5878	NP	4.5	432397	4784126	1561	J_WTG9	8274	-	-	-	-	-	-	-	-	-	-	-	-
JER5879	NP	4.5	432472	4784182	1589	J_WTG9	8365	-	-	-	-	-	-	-	-	-	-	-	-
JER5880	NP	4.5	432455	4784163	1576	J_WTG9	8340	-	-	-	-	-	-	-	-	-	-	-	-
JER5881	NP	4.5	432472	4784134	1543	J_WTG9	8329	-	-	-	-	-	-	-	-	-	-	-	-
JER5882	NP	4.5	432453	4784261	1670	J_WTG9	8414	-	-	-	-	-	-	-	-	-	-	-	-
JER5883	NP	4.5	430423	4780206	1159	J_WTG27	4121	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	C
JER5884	NP	4.5	430804	4780098	1499	J_WTG27	4376	32.0	32.0	32.0	32.0	32.0	40	43	45	49	51	C	C
JER5885	NP	4.5	430210	4779445	1128	J_WTG29	3534	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C	C
JER5886	NP	4.5	430209	4779623	1137	J_WTG29	3621	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C	C
JER5889	NP	4.5	430307	4779391	1228	J_WTG29	3595	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	C
JER5890	NP	4.5	430395	4779481	1313	J_WTG29	3714	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C	C
JER5891	NP	4.5	430472	4779466	1390	J_WTG29	3776	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C	C
JER5892	NP	4.5	430492	4779429	1411	J_WTG29	3777	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C	C
JER5893	NP	4.5	430916	4779372	1837	J_WTG29	4140	-	-	-	-	-	-	-	-	-	-	-	-
JER5894	NP	4.5	430895	4779448	1813	J_WTG29	4151	-	-	-	-	-	-	-	-	-	-	-	-
JER5894	NP	4.5	430895	4779448	1813	J_WTG29	4151	-	-	-	-	-	-	-	-	-	-	-	-
JER5895	NP	4.5	430873	4779547	1793	J_WTG29	4172	-	-	-	-	-	-	-	-	-	-	-	-
JER5896	NP	4.5	430910	4779546	1829	J_WTG29	4205	-	-	-	-	-	-	-	-	-	-	-	-
JER5897	NP	4.5	431075	4779380	1995	J_WTG29	4290	-	-	-	-	-	-	-	-	-	-	-	-
JER5898	NP	4.5	431031	4779367	1952	J_WTG29	4244	-	-	-	-	-	-	-	-	-	-	-	-
JER5899	NP	4.5	430766	4779274	1696	J_WTG29	3964	-	-	-	-	-	-	-	-	-	-	-	-
JER5900	NP	4.5	430190	4779104	1168	J_WTG29	3367	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	C
JER5901	NP	4.5	430191	4779129	1161	J_WTG29	3378	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER5902	NP	4.5	430292	4778968	1311	J_WTG29	3411	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER5903	NP	4.5	430291	4778928	1326	J_WTG29	3396	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C
JER5905	NP	4.5	427737	4785013	1884	J_WTG106	7270	-	-	-	-	-	-	-	-	-	-	-
JER5906	NP	4.5	427816	4785031	1938	J_WTG106	7295	-	-	-	-	-	-	-	-	-	-	-
JER5908	NP	4.5	427790	4784943	1850	J_WTG106	7205	-	-	-	-	-	-	-	-	-	-	-
JER5909	NP	4.5	427911	4785029	1987	J_WTG106	7303	-	-	-	-	-	-	-	-	-	-	-
JER5910	NP	4.5	427906	4784979	1942	J_WTG106	7253	-	-	-	-	-	-	-	-	-	-	-
JER5911	NP	4.5	427887	4784963	1918	J_WTG106	7235	-	-	-	-	-	-	-	-	-	-	-
JER5912	NP	4.5	427858	4784963	1903	J_WTG106	7232	-	-	-	-	-	-	-	-	-	-	-
JER5915	NP	4.5	427965	4784992	1986	J_WTG106	7273	-	-	-	-	-	-	-	-	-	-	-
JER5922	NP	4.5	427935	4784984	1963	J_WTG106	7261	-	-	-	-	-	-	-	-	-	-	-
JER6051	NP	4.5	424029	4782556	1073	J_WTG3	5685	36.1	36.3	36.4	36.2	36.2	40	43	45	49	51	C
JER6052	NP	4.5	424104	4782557	1000	J_WTG3	5645	36.2	36.4	36.5	36.3	36.3	40	43	45	49	51	C
JER6053	NP	4.5	423955	4782468	1033	J_WTG1	5652	36.4	36.5	36.7	36.5	36.5	40	43	45	49	51	C
JER6054	NP	4.5	423911	4782445	994	J_WTG1	5657	36.4	36.6	36.8	36.6	36.6	40	43	45	49	51	C
JER6055	NP	4.5	423984	4782491	1059	J_WTG1	5655	36.3	36.5	36.6	36.4	36.4	40	43	45	49	51	C
JER6056	NP	4.5	423789	4782478	868	J_WTG1	5754	36.6	36.8	36.9	36.8	36.8	40	43	45	49	51	C
JER6057	NP	4.5	423806	4782522	878	J_WTG1	5780	36.5	36.7	36.8	36.6	36.6	40	43	45	49	51	C
JER6058	NP	4.5	423805	4782572	873	J_WTG1	5822	36.3	36.5	36.7	36.5	36.5	40	43	45	49	51	C
JER6059	NP	4.5	423752	4782589	819	J_WTG1	5866	36.5	36.7	36.8	36.6	36.6	40	43	45	49	51	C
JER6060	NP	4.5	423704	4782604	770	J_WTG1	5906	36.6	36.8	37.0	36.8	36.8	40	43	45	49	51	C
JER6061	NP	4.5	423672	4782609	738	J_WTG1	5928	36.8	37.0	37.1	36.9	36.9	40	43	45	49	51	C
JER6062	NP	4.5	423675	4782564	744	J_WTG1	5890	36.9	37.1	37.2	37.0	37.0	40	43	45	49	51	C
JER6063	NP	4.5	423660	4782517	734	J_WTG1	5860	37.1	37.3	37.4	37.2	37.2	40	43	45	49	51	C
JER6064	NP	4.5	423644	4782474	726	J_WTG1	5835	37.2	37.4	37.6	37.4	37.4	40	43	45	49	51	C
JER6065	NP	4.5	423774	4782432	862	J_WTG1	5725	36.8	37.0	37.1	36.9	36.9	40	43	45	49	51	C
JER6066	NP	4.5	423836	4782470	915	J_WTG1	5720	36.5	36.7	36.8	36.7	36.7	40	43	45	49	51	C
JER6067	NP	4.5	423863	4782426	950	J_WTG1	5669	36.6	36.8	36.9	36.7	36.7	40	43	45	49	51	C
JER6068	NP	4.5	423626	4782605	692	J_WTG1	5952	37.0	37.2	37.4	37.2	37.2	40	43	45	49	51	C
JER6069	NP	4.5	423644	4782424	738	J_WTG1	5795	37.3	37.5	37.7	37.5	37.5	40	43	45	49	51	C
JER6070	NP	4.5	423545	4782564	614	J_WTG1	5966	37.7	37.9	38.0	37.9	37.9	40	43	45	49	51	C
JER6071	NP	4.5	423584	4782583	651	J_WTG1	5958	37.4	37.6	37.7	37.5	37.5	40	43	45	49	51	C
JER6072	NP	4.5	423534	4782504	612	J_WTG1	5925	37.9	38.1	38.2	38.0	38.0	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER6073	NP	4.5	423604	4782505	681	J_WTG1	5884	37.4	37.6	37.7	37.5	37.5	40	43	45	49	51	C
JER6074	NP	4.5	423626	4782442	716	J_WTG1	5820	37.4	37.6	37.7	37.5	37.5	40	43	45	49	51	C
JER6075	NP	4.5	423618	4782421	714	J_WTG1	5808	37.5	37.7	37.8	37.6	37.6	40	43	45	49	51	C
JER6076	NP	4.5	423521	4782613	587	J_WTG1	6020	37.8	38.0	38.1	38.0	38.0	40	43	45	49	51	C
JER6077	NP	4.5	423602	4782651	668	J_WTG1	6003	37.1	37.3	37.4	37.2	37.2	40	43	45	49	51	C
JER6078	NP	4.5	423642	4782667	709	J_WTG1	5993	36.8	37.0	37.1	36.9	36.9	40	43	45	49	51	C
JER6079	NP	4.5	423587	4782690	656	J_WTG1	6043	37.1	37.3	37.4	37.2	37.2	40	43	45	49	51	C
JER6080	NP	4.5	423681	4782365	791	J_WTG1	5725	37.3	37.5	37.6	37.4	37.4	40	43	45	49	51	C
JER6081	NP	4.5	423647	4782385	753	J_WTG1	5762	37.4	37.6	37.7	37.5	37.5	40	43	45	49	51	C
JER6082	NP	4.5	423760	4782385	860	J_WTG1	5695	37.0	37.2	37.3	37.1	37.1	40	43	45	49	51	C
JER6083	NP	4.5	423819	4782391	916	J_WTG1	5665	36.8	37.0	37.1	36.9	36.9	40	43	45	49	51	C
JER6084	NP	4.5	423630	4782319	761	J_WTG1	5719	37.6	37.8	37.9	37.8	37.8	40	43	45	49	51	C
JER6085	NP	4.5	423723	4782359	833	J_WTG1	5696	37.1	37.3	37.5	37.3	37.3	40	43	45	49	51	C
JER6086	NP	4.5	421622	4781504	1678	J_WTG11	6627	-	-	-	-	-	-	-	-	-	-	-
JER6087	NP	4.5	421674	4781488	1627	J_WTG11	6575	-	-	-	-	-	-	-	-	-	-	-
JER6088	NP	4.5	421669	4781509	1631	J_WTG11	6591	-	-	-	-	-	-	-	-	-	-	-
JER6089	NP	4.5	421678	4781455	1624	J_WTG11	6553	-	-	-	-	-	-	-	-	-	-	-
JER6090	NP	4.5	421722	4781489	1579	J_WTG11	6536	-	-	-	-	-	-	-	-	-	-	-
JER6091	NP	4.5	421740	4781534	1560	J_WTG11	6547	-	-	-	-	-	-	-	-	-	-	-
JER6092	NP	4.5	421778	4781552	1522	J_WTG11	6527	-	-	-	-	-	-	-	-	-	-	-
JER6094	NP	4.5	421488	4781523	1812	J_WTG11	6749	-	-	-	-	-	-	-	-	-	-	-
JER6095	NP	4.5	421626	4781590	1669	J_WTG1	6673	-	-	-	-	-	-	-	-	-	-	-
JER6096	NP	4.5	421735	4781610	1567	J_WTG11	6595	-	-	-	-	-	-	-	-	-	-	-
JER6097	NP	4.5	421665	4781667	1591	J_WTG1	6686	-	-	-	-	-	-	-	-	-	-	-
JER6099	NP	4.5	422866	4783596	972	J_WTG1	7200	33.1	33.6	33.8	33.4	33.4	40	43	45	49	51	C
JER6100	NP	4.5	422846	4783584	962	J_WTG1	7202	33.2	33.6	33.9	33.5	33.5	40	43	45	49	51	C
JER6101	NP	4.5	422867	4783574	950	J_WTG1	7182	33.3	33.7	34.0	33.6	33.6	40	43	45	49	51	C
JER6102	NP	4.5	422856	4783569	946	J_WTG1	7184	33.3	33.7	34.0	33.6	33.6	40	43	45	49	51	C
JER6103	NP	4.5	422853	4783537	915	J_WTG1	7160	33.5	34.0	34.2	33.8	33.8	40	43	45	49	51	C
JER6104	NP	4.5	422834	4783535	914	J_WTG1	7170	33.5	34.0	34.2	33.8	33.8	40	43	45	49	51	C
JER6105	NP	4.5	422819	4783528	909	J_WTG1	7173	33.6	34.0	34.3	33.9	33.9	40	43	45	49	51	C
JER6106	NP	4.5	422810	4783552	934	J_WTG1	7198	33.4	33.8	34.1	33.7	33.7	40	43	45	49	51	C
JER6107	NP	4.5	422830	4783561	941	J_WTG1	7193	33.3	33.8	34.0	33.7	33.7	40	43	45	49	51	C

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			X	Y				6	7	8	9	10	6	7	8	9	10	
JER6108	NP	4.5	422812	4783575	957	J_WTG1	7215	33.2	33.7	33.9	33.6	33.6	40	43	45	49	51	C
JER6109	NP	4.5	422813	4783605	986	J_WTG1	7239	33.0	33.5	33.7	33.3	33.3	40	43	45	49	51	C
JER6110	NP	4.5	422769	4783589	977	J_WTG1	7252	33.1	33.5	33.8	33.4	33.4	40	43	45	49	51	C
JER6111	NP	4.5	422758	4783585	975	J_WTG1	7255	33.1	33.6	33.8	33.4	33.4	40	43	45	49	51	C
JER6112	NP	4.5	422737	4783578	972	J_WTG1	7262	33.1	33.6	33.9	33.5	33.5	40	43	45	49	51	C
JER6113	NP	4.5	422724	4783573	970	J_WTG1	7266	33.1	33.6	33.9	33.5	33.5	40	43	45	49	51	C
JER6114	NP	4.5	422703	4783562	964	J_WTG1	7270	33.2	33.7	34.0	33.5	33.5	40	43	45	49	51	C
JER6115	NP	4.5	422686	4783560	966	J_WTG1	7279	33.2	33.7	34.0	33.5	33.5	40	43	45	49	51	C
JER6116	NP	4.5	422671	4783556	966	J_WTG1	7285	33.2	33.7	34.0	33.5	33.5	40	43	45	49	51	C
JER6117	NP	4.5	422650	4783550	967	J_WTG1	7293	33.2	33.7	34.0	33.6	33.6	40	43	45	49	51	C
JER6118	NP	4.5	422688	4783534	941	J_WTG1	7257	33.3	33.8	34.1	33.7	33.7	40	43	45	49	51	C
JER6119	NP	4.5	422703	4783522	925	J_WTG1	7238	33.4	33.9	34.2	33.8	33.8	40	43	45	49	51	C
JER6120	NP	4.5	422719	4783519	919	J_WTG1	7226	33.5	34.0	34.3	33.9	33.9	40	43	45	49	51	C
JER6121	NP	4.5	422716	4783539	939	J_WTG1	7244	33.3	33.8	34.1	33.7	33.7	40	43	45	49	51	C
JER6122	NP	4.5	422732	4783543	939	J_WTG1	7237	33.3	33.8	34.1	33.7	33.7	40	43	45	49	51	C
JER6123	NP	4.5	422731	4783528	925	J_WTG1	7226	33.5	33.9	34.2	33.8	33.8	40	43	45	49	51	C
JER6124	NP	4.5	422755	4783533	924	J_WTG1	7215	33.5	33.9	34.2	33.8	33.8	40	43	45	49	51	C
JER6125	NP	4.5	422752	4783551	943	J_WTG1	7232	33.3	33.8	34.1	33.7	33.7	40	43	45	49	51	C
JER6126	NP	4.5	422778	4783556	943	J_WTG1	7220	33.3	33.8	34.1	33.7	33.7	40	43	45	49	51	C
JER6127	NP	4.5	422775	4783539	927	J_WTG1	7208	33.4	33.9	34.2	33.8	33.8	40	43	45	49	51	C
JER6128	NP	4.5	422777	4783511	899	J_WTG1	7185	33.6	34.1	34.4	34.0	34.0	40	43	45	49	51	C
JER6129	NP	4.5	422764	4783507	897	J_WTG1	7189	33.7	34.1	34.4	34.0	34.0	40	43	45	49	51	C
JER6130	NP	4.5	422674	4783515	926	J_WTG1	7250	33.5	33.9	34.2	33.8	33.8	40	43	45	49	51	C
JER6131	NP	4.5	422655	4783508	925	J_WTG1	7256	33.5	34.0	34.3	33.8	33.8	40	43	45	49	51	C
JER6132	NP	4.5	422642	4783518	939	J_WTG1	7272	33.4	33.9	34.2	33.8	33.8	40	43	45	49	51	C
JER6133	NP	4.5	422656	4783522	938	J_WTG1	7267	33.4	33.9	34.2	33.7	33.7	40	43	45	49	51	C
JER6134	NP	4.5	422609	4783553	982	J_WTG1	7320	33.1	33.6	33.9	33.5	33.5	40	43	45	49	51	C
JER6135	NP	4.5	422596	4783549	983	J_WTG1	7325	33.1	33.6	33.9	33.5	33.5	40	43	45	49	51	C
JER6136	NP	4.5	422582	4783542	981	J_WTG1	7328	33.1	33.7	34.0	33.5	33.5	40	43	45	49	51	C
JER6137	NP	4.5	422572	4783538	981	J_WTG1	7331	33.1	33.7	34.0	33.5	33.5	40	43	45	49	51	C
JER6138	NP	4.5	422583	4783509	950	J_WTG1	7301	33.3	33.9	34.2	33.7	33.7	40	43	45	49	51	C
JER6139	NP	4.5	422591	4783522	959	J_WTG1	7307	33.3	33.8	34.1	33.7	33.7	40	43	45	49	51	C
JER6140	NP	4.5	422603	4783529	962	J_WTG1	7305	33.2	33.8	34.1	33.6	33.6	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test
			X	Y				6	7	8	9	10	6	7	8	9	10	
JER6141	NP	4.5	422616	4783536	964	J_WTG1	7302	33.2	33.7	34.0	33.6	33.6	40	43	45	49	51	C
JER6142	NP	4.5	422633	4783545	967	J_WTG1	7299	33.2	33.7	34.0	33.6	33.6	40	43	45	49	51	C
JER6143	NP	4.5	422626	4783509	935	J_WTG1	7275	33.4	33.9	34.2	33.8	33.8	40	43	45	49	51	C
JER6144	NP	4.5	422635	4783496	920	J_WTG1	7259	33.5	34.0	34.3	33.9	33.9	40	43	45	49	51	C
JER6145	NP	4.5	422618	4783499	928	J_WTG1	7272	33.5	34.0	34.3	33.8	33.8	40	43	45	49	51	C
JER6146	NP	4.5	422619	4783478	908	J_WTG1	7255	33.6	34.1	34.4	34.0	34.0	40	43	45	49	51	C
JER6147	NP	4.5	422627	4783483	910	J_WTG1	7254	33.6	34.1	34.4	34.0	34.0	40	43	45	49	51	C
JER6148	NP	4.5	422609	4783487	920	J_WTG1	7268	33.5	34.0	34.3	33.9	33.9	40	43	45	49	51	C
JER6149	NP	4.5	422597	4783478	916	J_WTG1	7268	33.6	34.1	34.4	33.9	33.9	40	43	45	49	51	C
JER6150	NP	4.5	422584	4783460	904	J_WTG1	7262	33.7	34.2	34.5	34.0	34.0	40	43	45	49	51	C
JER6151	NP	4.5	422575	4783449	898	J_WTG1	7259	33.7	34.2	34.5	34.1	34.1	40	43	45	49	51	C
JER6152	NP	4.5	422537	4783432	898	J_WTG1	7270	33.7	34.3	34.6	34.1	34.1	40	43	45	49	51	C
JER6153	NP	4.5	422521	4783429	903	J_WTG1	7277	33.7	34.3	34.6	34.1	34.1	40	43	45	49	51	C
JER6154	NP	4.5	422504	4783425	907	J_WTG1	7285	33.7	34.3	34.6	34.1	34.1	40	43	45	49	51	C
JER6155	NP	4.5	422515	4783475	947	J_WTG1	7317	33.4	34.0	34.3	33.8	33.8	40	43	45	49	51	C
JER6156	NP	4.5	422553	4783488	942	J_WTG1	7304	33.4	33.9	34.3	33.8	33.8	40	43	45	49	51	C
JER6157	NP	4.5	422562	4783477	929	J_WTG1	7289	33.5	34.0	34.3	33.9	33.9	40	43	45	49	51	C
JER6158	NP	4.5	422513	4783500	970	J_WTG1	7338	33.2	33.8	34.1	33.7	33.7	40	43	45	49	51	C
JER6159	NP	4.5	422548	4783506	961	J_WTG1	7321	33.3	33.8	34.1	33.7	33.7	40	43	45	49	51	C
JER6160	NP	4.5	422562	4783536	983	J_WTG1	7336	33.1	33.7	34.0	33.5	33.5	40	43	45	49	51	C
JER6161	NP	4.5	422642	4783465	888	J_WTG1	7230	33.8	34.3	34.5	34.1	34.1	40	43	45	49	51	C
JER6162	NP	4.5	422505	4783465	942	J_WTG1	7316	33.4	34.0	34.3	33.9	33.9	40	43	45	49	51	C
JER6163	NP	4.5	422519	4783460	932	J_WTG1	7303	33.5	34.1	34.4	33.9	33.9	40	43	45	49	51	C
JER6164	NP	4.5	422535	4783475	938	J_WTG1	7305	33.5	34.0	34.3	33.9	33.9	40	43	45	49	51	C
JER6165	NP	4.5	422369	4783436	988	J_WTG1	7379	33.3	33.9	34.3	33.7	33.7	40	43	45	49	51	C
JER6166	NP	4.5	422381	4783463	1003	J_WTG1	7392	33.1	33.8	34.1	33.6	33.6	40	43	45	49	51	C
JER6167	NP	4.5	422397	4783466	997	J_WTG1	7385	33.2	33.8	34.1	33.6	33.6	40	43	45	49	51	C
JER6168	NP	4.5	422409	4783472	996	J_WTG1	7382	33.2	33.8	34.1	33.6	33.6	40	43	45	49	51	C
JER6169	NP	4.5	422420	4783476	993	J_WTG1	7378	33.2	33.8	34.1	33.6	33.6	40	43	45	49	51	C
JER6170	NP	4.5	422388	4783428	970	J_WTG1	7361	33.4	34.0	34.3	33.8	33.8	40	43	45	49	51	C
JER6171	NP	4.5	422400	4783437	971	J_WTG1	7360	33.3	34.0	34.3	33.8	33.8	40	43	45	49	51	C
JER6172	NP	4.5	422402	4783420	956	J_WTG1	7346	33.5	34.1	34.4	33.9	33.9	40	43	45	49	51	C
JER6173	NP	4.5	422414	4783426	954	J_WTG1	7343	33.5	34.1	34.4	33.9	33.9	40	43	45	49	51	C

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER2395	VNP	4.5	425867	4783286	657	J_WTG4	5651	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C	JER_VNP_1
JER2400	VNP	4.5	425665	4781552	602	J_WTG13	4043	39.2	39.2	39.2	39.2	39.2	40	43	45	49	51	C	JER_VNP_2
JER2401	VNP	4.5	425846	4781528	770	J_WTG13	3960	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C	JER_VNP_3
JER2404	VNP	4.5	427312	4782755	589	J_WTG6	4989	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C	JER_VNP_4
JER2406	VNP	4.5	427228	4782639	706	J_WTG6	4870	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C	JER_VNP_5
JER2408	VNP	4.5	426977	4784128	780	J_WTG106	6358	34.8	34.8	34.8	34.8	34.8	40	43	45	49	51	C	JER_VNP_6
JER2409	VNP	4.5	426892	4784269	909	J_WTG106	6501	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C	JER_VNP_7
JER2412	VNP	4.5	428439	4783810	1060	J_WTG6	6186	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C	JER_VNP_8
JER2413	VNP	4.5	428586	4783961	1267	J_WTG6	6366	31.7	31.7	31.7	31.7	31.7	40	43	45	49	51	C	JER_VNP_9
JER2414	VNP	4.5	428733	4783905	1311	J_WTG6	6348	31.7	31.7	31.7	31.7	31.7	40	43	45	49	51	C	JER_VNP_10
JER2415	VNP	4.5	428856	4783882	1326	J_WTG7	6359	31.7	31.7	31.7	31.7	31.7	40	43	45	49	51	C	JER_VNP_11
JER2416	VNP	4.5	429241	4783814	998	J_WTG7	6412	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C	JER_VNP_12
JER2417	VNP	4.5	429328	4783644	814	J_WTG7	6282	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C	JER_VNP_13
JER2420	VNP	4.5	429622	4783732	723	J_WTG7	6473	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C	JER_VNP_14
JER2421	VNP	4.5	430405	4783522	681	J_WTG7	6634	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C	JER_VNP_15
JER2422	VNP	4.5	430719	4783452	906	J_WTG7	6737	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C	JER_VNP_16
JER2423	VNP	4.5	431304	4783304	663	J_WTG8	6950	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C	JER_VNP_17
JER2424	VNP	4.5	431611	4783060	570	J_WTG8	6953	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C	JER_VNP_18
JER2426	VNP	4.5	431888	4783017	765	J_WTG8	7104	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C	JER_VNP_19
JER2429	VNP	4.5	432181	4783094	878	J_WTG9	7360	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C	JER_VNP_20
JER2430	VNP	4.5	433716	4782695	769	J_WTG9	8249	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C	JER_VNP_21
JER2431	VNP	4.5	433752	4782599	807	J_WTG9	8221	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C	JER_VNP_22
JER2432	VNP	4.5	432379	4782501	592	J_WTG9	7090	38.7	38.7	38.7	38.7	38.7	40	43	45	49	51	C	JER_VNP_23
JER2434	VNP	4.5	432379	4782892	612	J_WTG9	7356	37.4	37.4	37.4	37.4	37.4	40	43	45	49	51	C	JER_VNP_24
JER2435	VNP	4.5	432286	4781982	777	J_WTG10	6682	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C	JER_VNP_25
JER2436	VNP	4.5	430469	4782267	840	J_WTG8	5619	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C	JER_VNP_26
JER2437	VNP	4.5	430455	4782064	960	J_WTG8	5450	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C	JER_VNP_27
JER2438	VNP	4.5	430341	4782452	755	J_WTG7	5695	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C	JER_VNP_28
JER2439	VNP	4.5	430469	4782462	772	J_WTG8	5777	36.2	36.2	36.2	36.2	36.2	40	43	45	49	51	C	JER_VNP_29
JER2441	VNP	4.5	430345	4782619	630	J_WTG7	5835	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C	JER_VNP_30
JER2442	VNP	4.5	430508	4782846	646	J_WTG7	6114	37.3	37.3	37.3	37.3	37.3	40	43	45	49	51	C	JER_VNP_31
JER2443	VNP	4.5	430512	4783010	614	J_WTG7	6253	37.2	37.2	37.2	37.2	37.2	40	43	45	49	51	C	JER_VNP_32
JER2445	VNP	4.5	429967	4782064	986	J_WTG27	5163	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C	JER_VNP_33
JER2446	VNP	4.5	429957	4782192	875	J_WTG7	5265	35.2	35.2	35.2	35.2	35.2	40	43	45	49	51	C	JER_VNP_34
JER2447	VNP	4.5	429439	4782223	960	J_WTG7	5030	34.8	34.8	34.8	34.8	34.8	40	43	45	49	51	C	JER_VNP_35
JER2448	VNP	4.5	429800	4782036	927	J_WTG27	5049	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C	JER_VNP_36
JER2449	VNP	4.5	429238	4782605	806	J_WTG7	5287	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C	JER_VNP_37

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER2451	VNP	4.5	429320	4782707	682	J_WTG7	5413	35.9	35.9	35.9	35.9	35.9	40	43	45	49	51	C	JER_VNP_38
JER2452	VNP	4.5	428979	4782929	931	J_WTG7	5490	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C	JER_VNP_39
JER2455	VNP	4.5	428413	4782749	556	J_WTG6	5149	37.6	37.6	37.6	37.6	37.6	40	43	45	49	51	C	JER_VNP_40
JER2456	VNP	4.5	428272	4782310	716	J_WTG6	4688	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C	JER_VNP_41
JER2457	VNP	4.5	427982	4782274	643	J_WTG6	4589	37.9	37.9	37.9	37.9	37.9	40	43	45	49	51	C	JER_VNP_42
JER2458	VNP	4.5	427804	4782266	647	J_WTG6	4550	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C	JER_VNP_43
JER2459	VNP	4.5	421955	4780849	1512	J_WTG11	5994	-	-	-	-	-	-	-	-	-	-	-	-
JER2460	VNP	4.5	422342	4780410	1315	J_WTG12	5439	38.5	39.6	40.1	39.3	39.3	40	43	45	49	51	C	JER_VNP_45
JER2461	VNP	4.5	422039	4780056	1765	J_WTG12	5551	-	-	-	-	-	-	-	-	-	-	-	-
JER2462	VNP	4.5	422029	4779713	1996	J_WTG12	5428	-	-	-	-	-	-	-	-	-	-	-	-
JER2464	VNP	4.5	424153	4780488	935	J_WTG12	4007	38.1	38.2	38.3	38.2	38.2	40	43	45	49	51	C	JER_VNP_48
JER2465	VNP	4.5	424057	4779590	1379	J_WTG15	3544	39.1	39.2	39.3	39.2	39.2	40	43	45	49	51	C	JER_VNP_49
JER2467	VNP	4.5	424155	4779848	1287	J_WTG15	3602	38.5	38.6	38.7	38.6	38.6	40	43	45	49	51	C	JER_VNP_50
JER2469	VNP	4.5	426369	4780138	866	J_WTG21	2477	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C	JER_VNP_51
JER2470	VNP	4.5	428177	4780246	682	J_WTG28	2700	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C	JER_VNP_52
JER2473	VNP	4.5	429399	4780171	621	J_WTG28	3325	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C	JER_VNP_53
JER2474	VNP	4.5	429915	4780008	991	J_WTG29	3597	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C	JER_VNP_54
JER2475	VNP	4.5	430400	4780428	979	J_WTG27	4238	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C	JER_VNP_55
JER2476	VNP	4.5	430423	4780841	771	J_WTG27	4526	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C	JER_VNP_56
JER2477	VNP	4.5	430459	4781417	815	J_WTG27	4959	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C	JER_VNP_57
JER2479	VNP	4.5	432490	4781675	820	J_WTG10	6657	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C	JER_VNP_58
JER2480	VNP	4.5	432486	4781568	910	J_WTG10	6591	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C	JER_VNP_59
JER2481	VNP	4.5	434467	4782393	1488	J_WTG10	8699	29.8	29.8	29.8	29.8	29.8	40	43	45	49	51	C	JER_VNP_60
JER2482	VNP	4.5	434367	4782540	1403	J_WTG10	8694	30.3	30.3	30.3	30.3	30.3	40	43	45	49	51	C	JER_VNP_61
JER2484	VNP	4.5	431888	4779960	1199	J_WTG32	5266	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C	JER_VNP_62
JER2485	VNP	4.5	432450	4779222	950	J_WTG34	5545	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	JER_VNP_63
JER2486	VNP	4.5	432236	4779033	1092	J_WTG34	5291	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C	JER_VNP_64
JER2487	VNP	4.5	433478	4777988	839	J_WTG34	6384	35.8	35.8	35.8	35.8	35.8	40	43	45	49	51	C	JER_VNP_65
JER2488	VNP	4.5	432413	4778141	1114	J_WTG34	5328	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C	JER_VNP_66
JER2489	VNP	4.5	432278	4778189	1200	J_WTG34	5197	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	JER_VNP_67
JER2490	VNP	4.5	431868	4777463	820	J_WTG65	4780	35.7	35.7	35.7	35.7	35.7	40	43	45	49	51	C	JER_VNP_68
JER2491	VNP	4.5	431757	4777431	762	J_WTG65	4671	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C	JER_VNP_69
JER2492	VNP	4.5	431384	4778645	1928	J_WTG34	4374	-	-	-	-	-	-	-	-	-	-	-	-
JER2495	VNP	4.5	429923	4778893	998	J_WTG30	3040	34.9	34.9	34.9	34.9	34.9	40	43	45	49	51	C	JER_VNP_71
JER2499	VNP	4.5	428208	4779622	767	J_WTG22	2158	39.2	39.2	39.2	39.2	39.2	40	43	45	49	51	C	JER_VNP_72
JER2503	VNP	4.5	426062	4780917	733	J_WTG14	3312	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C	JER_VNP_73
JER2504	VNP	4.5	424138	4778934	1302	J_WTG17	3180	38.5	38.6	38.7	38.6	38.6	40	43	45	49	51	C	JER_VNP_74

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER2507	VNP	4.5	424016	4777913	717	J_WTG18	3085	38.8	38.9	38.9	38.9	38.9	40	43	45	49	51	C	JER_VNP_75
JER2509	VNP	4.5	424020	4777479	667	J_WTG18	3092	38.4	38.4	38.5	38.4	38.4	40	43	45	49	51	C	JER_VNP_76
JER2520	VNP	4.5	423993	4776386	1159	J_WTG39	3400	36.2	36.2	36.2	36.2	36.2	40	43	45	49	51	C	JER_VNP_77
JER2521	VNP	4.5	424003	4776729	1115	J_WTG18	3266	36.4	36.4	36.4	36.4	36.4	40	43	45	49	51	C	JER_VNP_78
JER2522	VNP	4.5	424104	4776727	1059	J_WTG18	3171	36.2	36.3	36.3	36.3	36.3	40	43	45	49	51	C	JER_VNP_79
JER2523	VNP	4.5	424106	4777278	661	J_WTG18	3032	38.0	38.0	38.0	38.0	38.0	40	43	45	49	51	C	JER_VNP_80
JER2524	VNP	4.5	424085	4776408	1119	J_WTG39	3307	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C	JER_VNP_81
JER2526	VNP	4.5	425808	4776837	1186	J_WTG26	1593	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C	JER_VNP_82
JER2527	VNP	4.5	426046	4776559	1199	J_WTG26	1605	35.1	35.1	35.1	35.1	35.1	40	43	45	49	51	C	JER_VNP_83
JER2528	VNP	4.5	424078	4776201	965	J_WTG39	3404	36.4	36.4	36.4	36.4	36.4	40	43	45	49	51	C	JER_VNP_84
JER2529	VNP	4.5	426030	4777631	775	J_WTG26	1077	37.1	37.1	37.1	37.1	37.1	40	43	45	49	51	C	JER_VNP_85
JER2532	VNP	4.5	427264	4778036	716	J_WTG26	313	39.7	39.7	39.7	39.7	39.7	40	43	45	49	51	C	JER_VNP_86
JER2535	VNP	4.5	425554	4778079	928	J_WTG17	1574	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C	JER_VNP_87
JER2536	VNP	4.5	426038	4778226	829	J_WTG25	1154	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C	JER_VNP_88
JER2541	VNP	4.5	428312	4778421	973	J_WTG24	1377	36.8	36.8	36.8	36.8	36.8	40	43	45	49	51	C	JER_VNP_89
JER2542	VNP	4.5	428149	4777758	1360	J_WTG24	1051	34.8	34.8	34.8	34.8	34.8	40	43	45	49	51	C	JER_VNP_90
JER2543	VNP	4.5	428673	4777992	1220	J_WTG30	1590	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C	JER_VNP_91
JER2544	VNP	4.5	428808	4777992	1194	J_WTG30	1724	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C	JER_VNP_92
JER2545	VNP	4.5	429177	4778103	1094	J_WTG30	2105	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C	JER_VNP_93
JER2547	VNP	4.5	429697	4778083	1315	J_WTG30	2618	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	JER_VNP_94
JER2548	VNP	4.5	430185	4778079	1640	J_WTG30	3102	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_95
JER2549	VNP	4.5	430852	4777916	1455	J_WTG65	3757	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C	JER_VNP_96
JER2550	VNP	4.5	431372	4777896	1240	J_WTG65	4276	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	JER_VNP_97
JER2557	VNP	4.5	430328	4776427	832	J_WTG66	3498	37.1	37.1	37.1	37.1	37.1	40	43	45	49	51	C	JER_VNP_98
JER2558	VNP	4.5	430364	4776944	1205	J_WTG66	3369	34.9	34.9	34.9	34.9	34.9	40	43	45	49	51	C	JER_VNP_99
JER2559	VNP	4.5	429977	4776947	1443	J_WTG66	2995	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C	JER_VNP_100
JER2560	VNP	4.5	429279	4776978	1697	J_WTG56	2321	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_101
JER2561	VNP	4.5	429316	4776877	1597	J_WTG56	2391	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_102
JER2562	VNP	4.5	430109	4776430	1013	J_WTG66	3296	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C	JER_VNP_103
JER2563	VNP	4.5	430153	4776266	899	J_WTG66	3406	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C	JER_VNP_104
JER2564	VNP	4.5	428801	4776865	1646	J_WTG56	1929	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_105
JER2565	VNP	4.5	429129	4776440	1165	J_WTG56	2428	34.6	34.6	34.6	34.6	34.6	40	43	45	49	51	C	JER_VNP_106
JER2566	VNP	4.5	428224	4776457	1032	J_WTG45	1730	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C	JER_VNP_107
JER2567	VNP	4.5	428204	4776315	954	J_WTG45	1828	35.5	35.5	35.5	35.5	35.5	40	43	45	49	51	C	JER_VNP_108
JER2568	VNP	4.5	428149	4776988	1317	J_WTG45	1311	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C	JER_VNP_109
JER2569	VNP	4.5	428272	4777603	1483	J_WTG26	1186	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C	JER_VNP_110
JER2570	VNP	4.5	428256	4777389	1467	J_WTG26	1219	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C	JER_VNP_111

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER2571	VNP	4.5	428248	4777182	1489	J_WTG26	1292	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C	JER_VNP_112
JER2572	VNP	4.5	428117	4777182	1361	J_WTG26	1177	34.2	34.2	34.2	34.2	34.2	40	43	45	49	51	C	JER_VNP_113
JER2573	VNP	4.5	427050	4777012	550	J_WTG26	761	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C	JER_VNP_114
JER2574	VNP	4.5	427201	4776984	655	J_WTG26	794	37.4	37.4	37.4	37.4	37.4	40	43	45	49	51	C	JER_VNP_115
JER2575	VNP	4.5	426407	4776565	1009	J_WTG26	1390	35.8	35.8	35.8	35.8	35.8	40	43	45	49	51	C	JER_VNP_116
JER2576	VNP	4.5	430169	4775764	797	J_WTG68	3669	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C	JER_VNP_117
JER2577	VNP	4.5	430153	4775654	786	J_WTG68	3717	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C	JER_VNP_118
JER2580	VNP	4.5	432197	4775610	842	J_WTG67	5538	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C	JER_VNP_119
JER2581	VNP	4.5	432189	4775003	839	J_WTG80	5795	38.5	38.5	38.5	38.5	38.5	40	43	45	49	51	C	JER_VNP_120
JER2582	VNP	4.5	432161	4774566	953	J_WTG71	5992	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C	JER_VNP_121
JER2583	VNP	4.5	432161	4774360	841	J_WTG71	6105	38.5	38.5	38.5	38.5	38.5	40	43	45	49	51	C	JER_VNP_122
JER2585	VNP	4.5	432319	4774695	840	J_WTG80	6060	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C	JER_VNP_123
JER2592	VNP	4.5	432090	4772522	1146	J_WTG72	7244	36.6	36.6	36.6	36.6	36.6	40	43	45	49	51	C	JER_VNP_124
JER2593	VNP	4.5	432066	4771268	651	J_WTG74	8184	39.2	39.2	39.2	39.2	39.2	40	43	45	49	51	C	JER_VNP_125
JER2594	VNP	4.5	432712	4770329	816	J_WTG108	9322	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C	JER_VNP_126
JER2595	VNP	4.5	432379	4770880	550	J_WTG108	8682	39.5	39.5	39.5	39.5	39.5	40	43	45	49	51	C	JER_VNP_127
JER2597	VNP	4.5	434510	4771213	1643	J_WTG108	9897	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_128
JER2601	VNP	4.5	434157	4772463	1236	J_WTG85	8832	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C	JER_VNP_129
JER2602	VNP	4.5	434070	4772594	1080	J_WTG85	8684	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C	JER_VNP_130
JER2603	VNP	4.5	435203	4772613	1881	J_WTG85	9607	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_131
JER2604	VNP	4.5	435241	4773000	1756	J_WTG85	9438	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_132
JER2609	VNP	4.5	432392	4770193	1051	J_WTG108	9244	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C	JER_VNP_133
JER2614	VNP	4.5	427614	4784984	1802	J_WTG106	7231	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_134
JER2615	VNP	4.5	428673	4783917	1283	J_WTG6	6345	31.7	31.7	31.7	31.7	31.7	40	43	45	49	51	C	JER_VNP_135
JER2616	VNP	4.5	430263	4783554	609	J_WTG7	6592	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C	JER_VNP_136
JER2617	VNP	4.5	431592	4783235	697	J_WTG8	7075	35.2	35.2	35.2	35.2	35.2	40	43	45	49	51	C	JER_VNP_137
JER2618	VNP	4.5	431783	4783189	783	J_WTG8	7163	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C	JER_VNP_138
JER2619	VNP	4.5	435423	4780770	1961	J_WTG33	8849	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_139
JER2621	VNP	4.5	434950	4777999	1834	J_WTG34	7855	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_140
JER2622	VNP	4.5	435289	4776393	1861	J_WTG79	8306	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_141
JER2630	VNP	4.5	430970	4769541	700	J_WTG94	9095	37.9	37.9	37.9	37.9	37.9	40	43	45	49	51	C	JER_VNP_142
JER2631	VNP	4.5	429318	4768562	860	J_WTG109	9473	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C	JER_VNP_143
JER2632	VNP	4.5	428469	4769350	675	J_WTG109	8532	35.9	35.9	35.9	35.9	35.9	40	43	45	49	51	C	JER_VNP_144
JER2633	VNP	4.5	428475	4769695	728	J_WTG109	8193	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C	JER_VNP_145
JER2636	VNP	4.5	429018	4770158	764	J_WTG109	7851	37.9	37.9	37.9	37.9	37.9	40	43	45	49	51	C	JER_VNP_146
JER2638	VNP	4.5	426927	4770686	788	J_WTG54	7087	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C	JER_VNP_147
JER2639	VNP	4.5	425117	4772313	551	J_WTG44	5806	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C	JER_VNP_148

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER2641	VNP	4.5	424770	4771247	716	J_WTG44	6927	39.0	39.0	39.0	39.0	39.0	40	43	45	49	51	C	JER_VNP_149
JER2643	VNP	4.5	423948	4769979	644	J_WTG89	8405	39.5	39.5	39.5	39.5	39.5	40	43	45	49	51	C	JER_VNP_150
JER2645	VNP	4.5	422928	4771732	815	J_WTG88	7339	37.4	37.4	37.4	37.4	37.4	40	43	45	49	51	C	JER_VNP_151
JER2646	VNP	4.5	423778	4771361	558	J_WTG88	7219	39.4	39.4	39.4	39.4	39.4	40	43	45	49	51	C	JER_VNP_152
JER2648	VNP	4.5	422633	4771620	783	J_WTG38	7601	37.4	37.4	37.4	37.4	37.4	40	43	45	49	51	C	JER_VNP_153
JER2649	VNP	4.5	421829	4772980	807	J_WTG38	7122	38.4	38.4	38.4	38.4	38.4	40	43	45	49	51	C	JER_VNP_154
JER2652	VNP	4.5	421937	4773617	811	J_WTG37	6625	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C	JER_VNP_155
JER2653	VNP	4.5	420750	4772257	1567	J_WTG38	8408	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_156
JER2654	VNP	4.5	420576	4772321	1739	J_WTG38	8499	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_157
JER2660	VNP	4.5	432304	4772928	967	J_WTG84	7110	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C	JER_VNP_158
JER2663	VNP	4.5	430360	4773299	881	J_WTG72	5535	37.8	37.8	37.8	37.8	37.8	40	43	45	49	51	C	JER_VNP_159
JER2665	VNP	4.5	430252	4773780	1045	J_WTG59	5087	38.1	38.1	38.1	38.1	38.1	40	43	45	49	51	C	JER_VNP_160
JER2666	VNP	4.5	430102	4773797	900	J_WTG59	4982	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C	JER_VNP_161
JER2667	VNP	4.5	430268	4773975	957	J_WTG70	4946	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C	JER_VNP_162
JER2668	VNP	4.5	430102	4774607	1033	J_WTG57	4363	38.4	38.4	38.4	38.4	38.4	40	43	45	49	51	C	JER_VNP_163
JER2671	VNP	4.5	428058	4775325	751	J_WTG46	2628	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C	JER_VNP_164
JER2672	VNP	4.5	428015	4774702	777	J_WTG46	3203	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C	JER_VNP_165
JER2673	VNP	4.5	428042	4773658	918	J_WTG58	4220	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C	JER_VNP_166
JER2674	VNP	4.5	428041	4773768	861	J_WTG58	4113	39.2	39.2	39.2	39.2	39.2	40	43	45	49	51	C	JER_VNP_167
JER2675	VNP	4.5	428039	4773869	820	J_WTG58	4014	39.3	39.3	39.3	39.3	39.3	40	43	45	49	51	C	JER_VNP_168
JER2676	VNP	4.5	428169	4772765	947	J_WTG60	5119	38.5	38.5	38.5	38.5	38.5	40	43	45	49	51	C	JER_VNP_169
JER2677	VNP	4.5	429046	4772733	638	J_WTG112	5401	39.8	39.8	39.8	39.8	39.8	40	43	45	49	51	C	JER_VNP_170
JER2679	VNP	4.5	425923	4771694	678	J_WTG44	6190	39.2	39.2	39.2	39.2	39.2	40	43	45	49	51	C	JER_VNP_171
JER2682	VNP	4.5	425943	4773480	855	J_WTG42	4444	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C	JER_VNP_172
JER2684	VNP	4.5	426125	4774984	1070	J_WTG41	2952	37.2	37.2	37.2	37.2	37.2	40	43	45	49	51	C	JER_VNP_173
JER2685	VNP	4.5	423970	4775618	789	J_WTG39	3797	37.6	37.6	37.6	37.6	37.6	40	43	45	49	51	C	JER_VNP_174
JER2686	VNP	4.5	424048	4775086	822	J_WTG39	4063	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C	JER_VNP_175
JER2687	VNP	4.5	423654	4774970	1032	J_WTG35	4439	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C	JER_VNP_176
JER2688	VNP	4.5	424034	4774717	734	J_WTG40	4326	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C	JER_VNP_177
JER2691	VNP	4.5	423880	4772880	838	J_WTG43	5855	37.3	37.3	37.3	37.3	37.3	40	43	45	49	51	C	JER_VNP_178
JER2693	VNP	4.5	421504	4771955	896	J_WTG38	8070	36.9	36.9	36.9	36.9	36.9	40	43	45	49	51	C	JER_VNP_179
JER2695	VNP	4.5	421088	4771950	1286	J_WTG38	8367	36.3	36.3	36.3	36.3	36.3	40	43	45	49	51	C	JER_VNP_180
JER2698	VNP	4.5	421861	4774126	1136	J_WTG37	6381	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C	JER_VNP_181
JER2699	VNP	4.5	421947	4773933	947	J_WTG37	6424	38.9	38.9	38.9	38.9	38.9	40	43	45	49	51	C	JER_VNP_182
JER2700	VNP	4.5	421902	4775578	1813	J_WTG35	5640	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_183
JER2701	VNP	4.5	421983	4774746	1197	J_WTG35	5943	38.5	38.5	38.5	38.5	38.5	40	43	45	49	51	C	JER_VNP_184
JER2702	VNP	4.5	421862	4774687	1278	J_WTG35	6077	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C	JER_VNP_185

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER2706	VNP	4.5	422133	4781765	1176	J_WTG1	6372	37.5	38.7	39.2	38.4	38.4	40	43	45	49	51	C	JER_VNP_186
JER2707	VNP	4.5	422399	4781857	937	J_WTG1	6227	37.5	38.3	38.7	38.1	38.1	40	43	45	49	51	C	JER_VNP_187
JER2708	VNP	4.5	422739	4781973	681	J_WTG1	6055	38.8	39.2	39.4	39.1	39.1	40	43	45	49	51	C	JER_VNP_188
JER2720	VNP	4.5	421474	4781432	1829	J_WTG11	6711	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_189
JER2721	VNP	4.5	421197	4782848	1751	J_WTG1	7784	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_190
JER2723	VNP	4.5	421328	4782872	1625	J_WTG1	7701	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_191
JER2724	VNP	4.5	428221	4781723	632	J_WTG20	4108	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C	JER_VNP_192
JER2726	VNP	4.5	429280	4782084	1058	J_WTG27	4834	34.7	34.7	34.7	34.7	34.7	40	43	45	49	51	C	JER_VNP_193
JER2727	VNP	4.5	428201	4781107	704	J_WTG20	3514	37.6	37.6	37.6	37.6	37.6	40	43	45	49	51	C	JER_VNP_194
JER2729	VNP	4.5	428375	4780881	644	J_WTG28	3362	37.9	37.9	37.9	37.9	37.9	40	43	45	49	51	C	JER_VNP_195
JER2730	VNP	4.5	428411	4782130	943	J_WTG6	4552	35.9	35.9	35.9	35.9	35.9	40	43	45	49	51	C	JER_VNP_196
JER2746	VNP	4.5	433464	4777840	975	J_WTG78	6366	36.0	36.0	36.0	36.0	36.0	40	43	45	49	51	C	JER_VNP_197
JER2747	VNP	4.5	432288	4778126	1225	J_WTG34	5202	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C	JER_VNP_198
JER2748	VNP	4.5	432337	4779932	849	J_WTG32	5667	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C	JER_VNP_199
JER2749	VNP	4.5	432513	4780028	658	J_WTG32	5867	36.2	36.2	36.2	36.2	36.2	40	43	45	49	51	C	JER_VNP_200
JER2750	VNP	4.5	432529	4783183	665	J_WTG9	7667	36.2	36.2	36.2	36.2	36.2	40	43	45	49	51	C	JER_VNP_201
JER2751	VNP	4.5	432532	4783385	831	J_WTG9	7813	34.3	34.3	34.3	34.3	34.3	40	43	45	49	51	C	JER_VNP_202
JER2752	VNP	4.5	433759	4783342	1056	J_WTG9	8684	31.9	31.9	31.9	31.9	31.9	40	43	45	49	51	C	JER_VNP_203
JER2755	VNP	4.5	431259	4777184	620	J_WTG65	4202	37.3	37.3	37.3	37.3	37.3	40	43	45	49	51	C	JER_VNP_204
JER2758	VNP	4.5	428077	4775413	800	J_WTG46	2553	37.9	37.9	37.9	37.9	37.9	40	43	45	49	51	C	JER_VNP_205
JER2759	VNP	4.5	428084	4775536	862	J_WTG46	2443	37.7	37.7	37.7	37.7	37.7	40	43	45	49	51	C	JER_VNP_206
JER2760	VNP	4.5	428925	4776884	1635	J_WTG56	2031	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_207
JER2764	VNP	4.5	435256	4774424	1545	J_WTG82	8818	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_208
JER2765	VNP	4.5	435394	4774492	1640	J_WTG82	8921	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_209
JER2768	VNP	4.5	435129	4776987	1674	J_WTG79	8069	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_210
JER2771	VNP	4.5	434775	4777811	1667	J_WTG79	7677	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_211
JER2776	VNP	4.5	435423	4780658	1955	J_WTG33	8811	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_212
JER2786	VNP	4.5	434900	4782302	1920	J_WTG10	9022	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_213
JER2787	VNP	4.5	434933	4782424	1955	J_WTG10	9112	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_214
JER2789	VNP	4.5	433941	4783525	1313	J_WTG9	8941	29.8	29.8	29.8	29.8	29.8	40	43	45	49	51	C	JER_VNP_215
JER2790	VNP	4.5	433805	4782922	894	J_WTG9	8457	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	JER_VNP_216
JER2792	VNP	4.5	428772	4783343	992	J_WTG6	5818	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C	JER_VNP_217
JER2793	VNP	4.5	428624	4783472	933	J_WTG6	5902	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C	JER_VNP_218
JER2794	VNP	4.5	428193	4773722	757	J_WTG58	4194	39.3	39.3	39.3	39.3	39.3	40	43	45	49	51	C	JER_VNP_219
JER2795	VNP	4.5	430098	4774192	1045	J_WTG59	4670	38.3	38.3	38.3	38.3	38.3	40	43	45	49	51	C	JER_VNP_220
JER2796	VNP	4.5	427964	4775533	760	J_WTG46	2400	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C	JER_VNP_221
JER2797	VNP	4.5	431353	4777335	707	J_WTG65	4277	36.4	36.4	36.4	36.4	36.4	40	43	45	49	51	C	JER_VNP_222

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER2936	VNP	4.5	424737	4768830	897	J_WTG97	9247	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C	JER_VNP_297
JER2937	VNP	4.5	424781	4769820	555	J_WTG91	8282	39.3	39.3	39.3	39.3	39.3	40	43	45	49	51	C	JER_VNP_298
JER2938	VNP	4.5	423717	4769862	655	J_WTG89	8601	39.3	39.3	39.3	39.3	39.3	40	43	45	49	51	C	JER_VNP_299
JER2939	VNP	4.5	423551	4769870	630	J_WTG89	8661	39.1	39.1	39.1	39.1	39.1	40	43	45	49	51	C	JER_VNP_300
JER2940	VNP	4.5	423404	4769870	652	J_WTG89	8722	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C	JER_VNP_301
JER2941	VNP	4.5	423015	4769870	840	J_WTG89	8894	36.6	36.6	36.6	36.6	36.6	40	43	45	49	51	C	JER_VNP_302
JER2942	VNP	4.5	423955	4767219	1633	J_WTG97	11010	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_303
JER2943	VNP	4.5	422872	4767223	1891	J_WTG97	11363	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_304
JER2944	VNP	4.5	422884	4768172	1171	J_WTG97	10483	31.7	31.7	31.7	31.7	31.7	40	43	45	49	51	C	JER_VNP_305
JER2945	VNP	4.5	422757	4767231	1946	J_WTG97	11399	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_306
JER2949	VNP	4.5	421710	4769861	1967	J_WTG89	9571	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_307
JER2949A	VNP	4.5	433886	4767759	1557	J_WTG102	12096	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_308
JER2951	VNP	4.5	433817	4764409	1812	J_WTG103	14956	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_309
JER2953	VNP	4.5	432471	4767051	837	J_WTG102	11991	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C	JER_VNP_310
JER2954	VNP	4.5	432756	4767139	752	J_WTG102	12044	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C	JER_VNP_311
JER2955	VNP	4.5	431702	4767051	1477	J_WTG102	11667	29.5	29.5	29.5	29.5	29.5	40	43	45	49	51	C	JER_VNP_312
JER2956	VNP	4.5	431264	4767051	1881	J_WTG94	11501	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_313
JER2957	VNP	4.5	430902	4767057	1815	J_WTG94	11369	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_314
JER2958	VNP	4.5	430292	4767063	1870	J_WTG94	11174	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_315
JER2985	VNP	4.5	424749	4767114	1958	J_WTG97	10913	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_316
JER2986	VNP	4.5	424724	4766435	1903	J_WTG104	11582	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_317
JER2988	VNP	4.5	424889	4764485	1764	J_WTG104	13468	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_318
JER2989	VNP	4.5	424400	4764523	1312	J_WTG104	13520	27.3	27.3	27.3	27.3	27.3	40	43	45	49	51	C	JER_VNP_319
JER2990	VNP	4.5	424285	4764523	1215	J_WTG104	13543	28.1	28.1	28.1	28.1	28.1	40	43	45	49	51	C	JER_VNP_320
JER2991	VNP	4.5	423923	4764523	936	J_WTG104	13623	30.8	30.8	30.8	30.8	30.8	40	43	45	49	51	C	JER_VNP_321
JER2992	VNP	4.5	423019	4764507	739	J_WTG104	13877	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	JER_VNP_322
JER2994	VNP	4.5	423688	4765749	686	J_WTG104	12496	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C	JER_VNP_323
JER2995	VNP	4.5	423987	4765749	898	J_WTG104	12418	31.4	31.4	31.4	31.4	31.4	40	43	45	49	51	C	JER_VNP_324
JER2996	VNP	4.5	424565	4767108	1885	J_WTG97	10960	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_325
JER2997	VNP	4.5	423962	4767120	1732	J_WTG97	11103	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_326
JER2998	VNP	4.5	423676	4767114	1742	J_WTG97	11193	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_327
JER2999	VNP	4.5	423384	4767120	1787	J_WTG97	11280	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_328
JER3000	VNP	4.5	422882	4767101	1941	J_WTG104	11473	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_329
JER3001	VNP	4.5	423365	4765876	682	J_WTG104	12467	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C	JER_VNP_330
JER3002	VNP	4.5	422768	4766625	1513	J_WTG104	11958	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_331
JER3003	VNP	4.5	422749	4767095	1967	J_WTG104	11528	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_332
JER3009	VNP	4.5	422222	4765761	1194	J_WTG104	12962	28.8	28.8	28.8	28.8	28.8	40	43	45	49	51	C	JER_VNP_333

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER3011	VNP	4.5	421021	4765419	1909	J_WTG105	13766	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_334
JER3013	VNP	4.5	421771	4764377	860	J_WTG105	14414	32.0	32.0	32.0	32.0	32.0	40	43	45	49	51	C	JER_VNP_335
JER3014	VNP	4.5	421015	4763025	716	J_WTG105	15951	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C	JER_VNP_336
JER3015	VNP	4.5	421009	4762631	1049	J_WTG105	16319	29.3	29.3	29.3	29.3	29.3	40	43	45	49	51	C	JER_VNP_337
JER3016	VNP	4.5	421002	4762447	1219	J_WTG105	16492	27.7	27.7	27.7	27.7	27.7	40	43	45	49	51	C	JER_VNP_338
JER3017	VNP	4.5	421726	4761786	1798	J_WTG105	16864	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_339
JER3019	VNP	4.5	422736	4762326	1764	J_WTG105	16049	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_340
JER3022	VNP	4.5	423142	4764403	808	J_WTG104	13941	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C	JER_VNP_341
JER3023	VNP	4.5	423796	4764371	979	J_WTG104	13801	30.4	30.4	30.4	30.4	30.4	40	43	45	49	51	C	JER_VNP_342
JER3024	VNP	4.5	422831	4762478	1733	J_WTG105	15877	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_343
JER3079	VNP	4.5	433369	4769514	1692	J_WTG108	10368	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_344
JER3080	VNP	4.5	433360	4769592	1614	J_WTG108	10301	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_345
JER3087	VNP	4.5	434228	4777813	1286	J_WTG79	7130	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C	JER_VNP_346
JER3088	VNP	4.5	434328	4777878	1383	J_WTG34	7231	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C	JER_VNP_347
JER3089	VNP	4.5	434463	4777909	1467	J_WTG34	7366	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C	JER_VNP_348
JER3104	VNP	4.5	434196	4777981	1216	J_WTG34	7101	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C	JER_VNP_349
JER3132	VNP	4.5	430265	4767975	1030	J_WTG94	10295	31.9	31.9	31.9	31.9	31.9	40	43	45	49	51	C	JER_VNP_350
JER3133	VNP	4.5	430227	4768462	685	J_WTG94	9821	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C	JER_VNP_351
JER3138	VNP	4.5	433371	4770336	939	J_WTG108	9728	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C	JER_VNP_352
JER3142	VNP	4.5	422061	4761765	1892	J_WTG105	16780	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_353
JER3143	VNP	4.5	422731	4763032	1358	J_WTG105	15372	27.3	27.3	27.3	27.3	27.3	40	43	45	49	51	C	JER_VNP_354
JER3144	VNP	4.5	422839	4762278	1871	J_WTG105	16068	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_355
JER3145	VNP	4.5	422799	4767149	1993	J_WTG97	11459	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_356
JER3148	VNP	4.5	422883	4766660	1512	J_WTG104	11884	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_357
JER3149	VNP	4.5	432046	4768355	1367	J_WTG94	10637	30.5	30.5	30.5	30.5	30.5	40	43	45	49	51	C	JER_VNP_358
JER3150	VNP	4.5	430562	4769648	641	J_WTG76	8831	38.8	38.8	38.8	38.8	38.8	40	43	45	49	51	C	JER_VNP_359
JER3151	VNP	4.5	431086	4769418	630	J_WTG94	9256	37.6	37.6	37.6	37.6	37.6	40	43	45	49	51	C	JER_VNP_360
JER3153	VNP	4.5	429772	4769827	759	J_WTG109	8382	38.0	38.0	38.0	38.0	38.0	40	43	45	49	51	C	JER_VNP_361
JER3160	VNP	4.5	422755	4771764	722	J_WTG38	7413	37.6	37.6	37.6	37.6	37.6	40	43	45	49	51	C	JER_VNP_362
JER3162	VNP	4.5	426061	4772716	887	J_WTG52	5160	39.0	39.0	39.0	39.0	39.0	40	43	45	49	51	C	JER_VNP_363
JER3164	VNP	4.5	432014	4770002	1256	J_WTG76	9194	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C	JER_VNP_364
JER3165	VNP	4.5	432225	4771950	881	J_WTG86	7757	37.7	37.7	37.7	37.7	37.7	40	43	45	49	51	C	JER_VNP_365
JER3166	VNP	4.5	430089	4772593	1156	J_WTG112	5980	37.0	37.0	37.0	37.0	37.0	40	43	45	49	51	C	JER_VNP_366
JER3167	VNP	4.5	423989	4773550	610	J_WTG43	5242	39.4	39.4	39.4	39.4	39.4	40	43	45	49	51	C	JER_VNP_367
JER3169	VNP	4.5	424020	4774264	760	J_WTG40	4666	39.0	39.0	39.0	39.0	39.0	40	43	45	49	51	C	JER_VNP_368
JER3172	VNP	4.5	426141	4775816	1184	J_WTG45	2177	35.6	35.6	35.6	35.6	35.6	40	43	45	49	51	C	JER_VNP_369
JER3174	VNP	4.5	432189	4775411	856	J_WTG80	5611	38.6	38.6	38.6	38.6	38.6	40	43	45	49	51	C	JER_VNP_370

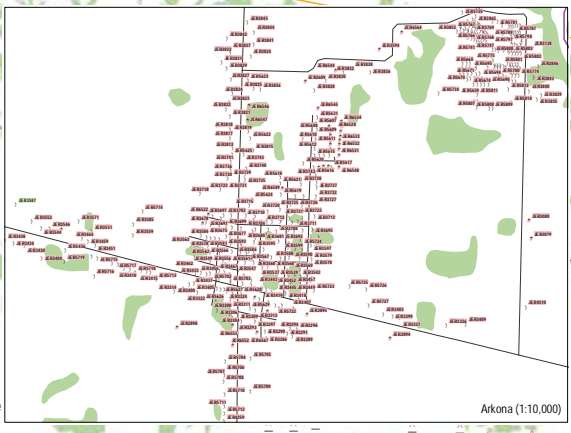
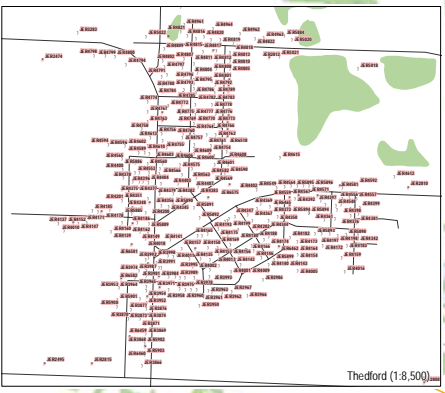
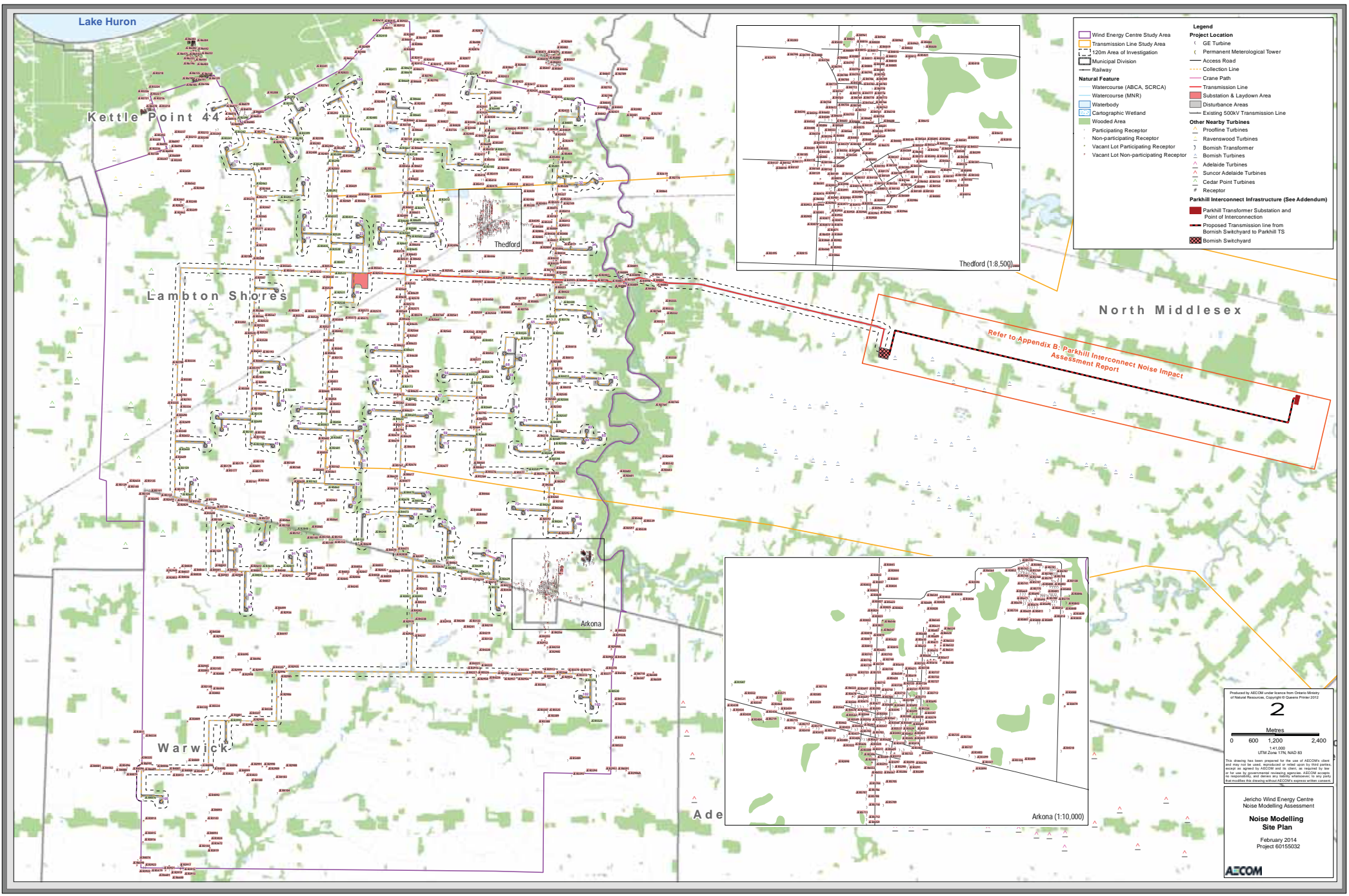
Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER3175	VNP	4.5	432252	4776677	630	J_WTG65	5269	38.7	38.7	38.7	38.7	38.7	40	43	45	49	51	C	JER_VNP_371
JER3178	VNP	4.5	428173	4778634	748	J_WTG24	1379	38.2	38.2	38.2	38.2	38.2	40	43	45	49	51	C	JER_VNP_372
JER3179	VNP	4.5	428454	4778122	1172	J_WTG30	1401	35.3	35.3	35.3	35.3	35.3	40	43	45	49	51	C	JER_VNP_373
JER3180	VNP	4.5	424025	4778493	1084	J_WTG18	3157	38.9	38.9	39.0	38.9	38.9	40	43	45	49	51	C	JER_VNP_374
JER3181	VNP	4.5	422924	4783503	877	J_WTG1	7091	33.8	34.2	34.5	34.1	34.1	40	43	45	49	51	C	JER_VNP_375
JER3182	VNP	4.5	430419	4781102	717	J_WTG27	4704	35.4	35.4	35.4	35.4	35.4	40	43	45	49	51	C	JER_VNP_376
JER3183	VNP	4.5	432403	4782075	632	J_WTG10	6831	37.5	37.5	37.5	37.5	37.5	40	43	45	49	51	C	JER_VNP_377
JER3184	VNP	4.5	430677	4781531	1060	J_WTG27	5191	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	JER_VNP_378
JER3186	VNP	4.5	431411	4780062	1603	J_WTG32	4884	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_379
JER3187	VNP	4.5	432348	4779800	939	J_WTG32	5628	34.0	34.0	34.0	34.0	34.0	40	43	45	49	51	C	JER_VNP_380
JER3191	VNP	4.5	432376	4778439	1000	J_WTG34	5320	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C	JER_VNP_381
JER4709	VNP	4.5	435037	4767103	1912	J_WTG103	13298	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_382
JER6446	VNP	4.5	432358	4783797	1276	J_WTG9	7999	30.9	30.9	30.9	30.9	30.9	40	43	45	49	51	C	JER_VNP_383
JER6447	VNP	4.5	432459	4783819	1252	J_WTG9	8082	30.9	30.9	30.9	30.9	30.9	40	43	45	49	51	C	JER_VNP_384
JER6448	VNP	4.5	432085	4783887	1495	J_WTG9	7891	30.3	30.3	30.3	30.3	30.3	40	43	45	49	51	C	JER_VNP_385
JER6449	VNP	4.5	432123	4784075	1633	J_WTG9	8062	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_386
JER6450	VNP	4.5	432100	4784083	1651	J_WTG9	8054	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_387
JER6451	VNP	4.5	432103	4784143	1702	J_WTG9	8103	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_388
JER6452	VNP	4.5	432279	4784104	1586	J_WTG9	8182	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_389
JER6453	VNP	4.5	432304	4784098	1570	J_WTG9	8193	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_390
JER6454	VNP	4.5	432426	4784106	1532	J_WTG9	8278	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_391
JER6455	VNP	4.5	432374	4784147	1588	J_WTG9	8276	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_392
JER6456	VNP	4.5	432377	4784217	1653	J_WTG9	8332	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_393
JER6457	VNP	4.5	432403	4784210	1637	J_WTG9	8343	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_394
JER6458	VNP	4.5	432421	4784180	1603	J_WTG9	8331	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_395
JER6459	VNP	4.5	430293	4779039	1286	J_WTG29	3437	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	JER_VNP_396
JER6460	VNP	4.5	430291	4778956	1315	J_WTG29	3406	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C	JER_VNP_397
JER6461	VNP	4.5	430704	4779295	1632	J_WTG29	3915	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_398
JER6462	VNP	4.5	430782	4779321	1707	J_WTG29	3997	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_399
JER6463	VNP	4.5	430246	4779408	1166	J_WTG29	3548	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C	JER_VNP_400
JER6464	VNP	4.5	430523	4779502	1441	J_WTG29	3838	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C	JER_VNP_401
JER6465	VNP	4.5	430821	4779471	1739	J_WTG29	4093	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_402
JER6466	VNP	4.5	430821	4779502	1739	J_WTG29	4106	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_403
JER6467	VNP	4.5	430854	4779509	1772	J_WTG29	4139	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_404
JER6468	VNP	4.5	430924	4779508	1842	J_WTG29	4202	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_405
JER6469	VNP	4.5	430573	4779408	1492	J_WTG29	3841	32.3	32.3	32.3	32.3	32.3	40	43	45	49	51	C	JER_VNP_406
JER6470	VNP	4.5	422328	4783915	1424	J_WTG1	7778	30.8	31.6	32.0	31.4	31.4	40	43	45	49	51	C	JER_VNP_407

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID	
			X	Y				6	7	8	9	10	6	7	8	9	10			
JER6471	VNP	4.5	422352	4783983	1477	J_WTG1	7818	30.5	31.3	31.7	31.1	31.1	40	43	45	49	51	C	JER_VNP_408	
JER6472	VNP	4.5	422315	4784063	1565	J_WTG1	7904	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_409
JER6473	VNP	4.5	422296	4784108	1613	J_WTG1	7951	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_410
JER6474	VNP	4.5	422259	4784096	1618	J_WTG1	7964	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_411
JER6475	VNP	4.5	422208	4784080	1625	J_WTG1	7982	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_412
JER6476	VNP	4.5	422493	4784030	1472	J_WTG1	7771	30.4	31.1	31.5	30.9	30.9	40	43	45	49	51	C	JER_VNP_413	
JER6477	VNP	4.5	422479	4784057	1502	J_WTG1	7801	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_414
JER6478	VNP	4.5	422398	4784218	1680	J_WTG1	7978	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_415
JER6479	VNP	4.5	422319	4784178	1669	J_WTG1	7993	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_416
JER6480	VNP	4.5	422530	4784084	1513	J_WTG1	7792	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_417
JER6481	VNP	4.5	422335	4784345	1820	J_WTG1	8118	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_418
JER6482	VNP	4.5	422586	4784000	1417	J_WTG1	7691	30.6	31.3	31.7	31.1	31.1	40	43	45	49	51	C	JER_VNP_419	
JER6483	VNP	4.5	422440	4783942	1406	J_WTG1	7732	30.8	31.5	31.9	31.3	31.3	40	43	45	49	51	C	JER_VNP_420	
JER6484	VNP	4.5	428346	4784551	1707	J_WTG6	6894	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_421
JER6485	VNP	4.5	428819	4784693	1954	J_WTG7	7133	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_422
JER6487	VNP	4.5	428459	4784515	1707	J_WTG6	6880	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_423
JER6488	VNP	4.5	430225	4784382	1357	J_WTG7	7313	29.4	29.4	29.4	29.4	29.4	40	43	45	49	51	C	JER_VNP_424	
JER6490	VNP	4.5	427707	4784919	1787	J_WTG106	7174	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_425
JER6491	VNP	4.5	427831	4784967	1892	J_WTG106	7233	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_426
JER6493	VNP	4.5	432246	4783836	1364	J_WTG9	7955	30.6	30.6	30.6	30.6	30.6	40	43	45	49	51	C	JER_VNP_427	
JER6494	VNP	4.5	430662	4779311	1588	J_WTG29	3882	-	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_428
JER6495	VNP	4.5	430301	4779258	1238	J_WTG29	3531	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	JER_VNP_429	
JER6496	VNP	4.5	430488	4779297	1417	J_WTG29	3718	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C	JER_VNP_430	
JER6497	VNP	4.5	430476	4779316	1403	J_WTG29	3715	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C	JER_VNP_431	
JER6498	VNP	4.5	430342	4779213	1286	J_WTG29	3550	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	JER_VNP_432	
JER6499	VNP	4.5	430299	4779140	1261	J_WTG29	3481	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C	JER_VNP_433	
JER6500	VNP	4.5	430132	4779451	1050	J_WTG29	3468	34.4	34.4	34.4	34.4	34.4	40	43	45	49	51	C	JER_VNP_434	
JER6501	VNP	4.5	430312	4779685	1248	J_WTG29	3741	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	JER_VNP_435	
JER6502	VNP	4.5	430528	4779664	1459	J_WTG29	3918	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C	JER_VNP_436	
JER6503	VNP	4.5	430356	4779784	1312	J_WTG29	3830	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	JER_VNP_437	
JER6504	VNP	4.5	430355	4779814	1318	J_WTG29	3845	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	JER_VNP_438	
JER6505	VNP	4.5	430376	4780092	1224	J_WTG27	4017	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	JER_VNP_439	
JER6506	VNP	4.5	430542	4780043	1361	J_WTG27	4126	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C	JER_VNP_440	
JER6507	VNP	4.5	430483	4779977	1379	J_WTG27	4040	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C	JER_VNP_441	
JER6508	VNP	4.5	430600	4779955	1466	J_WTG27	4127	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C	JER_VNP_442	
JER6509	VNP	4.5	430600	4779936	1481	J_WTG27	4117	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C	JER_VNP_443	
JER6510	VNP	4.5	430597	4779914	1497	J_WTG27	4103	32.5	32.5	32.5	32.5	32.5	40	43	45	49	51	C	JER_VNP_444	

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER6511	VNP	4.5	430598	4779892	1515	J_WTG27	4093	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_445
JER6512	VNP	4.5	430599	4779871	1533	J_WTG27	4083	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_446
JER6513	VNP	4.5	430599	4779847	1552	J_WTG27	4070	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_447
JER6514	VNP	4.5	430600	4779825	1559	J_WTG29	4060	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_448
JER6515	VNP	4.5	430597	4779801	1550	J_WTG29	4045	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_449
JER6516	VNP	4.5	430595	4779777	1543	J_WTG29	4032	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_450
JER6517	VNP	4.5	430594	4779753	1538	J_WTG29	4019	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_451
JER6518	VNP	4.5	430594	4779727	1533	J_WTG29	4006	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_452
JER6519	VNP	4.5	431007	4779547	1926	J_WTG29	4294	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_453
JER6521	VNP	4.5	431337	4769551	882	J_WTG94	9249	36.1	36.1	36.1	36.1	36.1	40	43	45	49	51	C	JER_VNP_454
JER6522	VNP	4.5	431973	4769619	1347	J_WTG76	9498	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	JER_VNP_455
JER6523	VNP	4.5	431947	4769577	1345	J_WTG76	9521	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	JER_VNP_456
JER6524	VNP	4.5	432173	4769259	1448	J_WTG94	9910	31.7	31.7	31.7	31.7	31.7	40	43	45	49	51	C	JER_VNP_457
JER6525	VNP	4.5	432542	4769956	1219	J_WTG108	9524	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	JER_VNP_458
JER6526	VNP	4.5	432544	4769976	1199	J_WTG108	9509	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C	JER_VNP_459
JER6527	VNP	4.5	432551	4769998	1176	J_WTG108	9495	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	JER_VNP_460
JER6528	VNP	4.5	432523	4770031	1152	J_WTG108	9452	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	JER_VNP_461
JER6529	VNP	4.5	432493	4770000	1191	J_WTG108	9460	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	JER_VNP_462
JER6530	VNP	4.5	432538	4769873	1300	J_WTG108	9590	32.8	32.8	32.8	32.8	32.8	40	43	45	49	51	C	JER_VNP_463
JER6531	VNP	4.5	432537	4769898	1276	J_WTG108	9569	32.9	32.9	32.9	32.9	32.9	40	43	45	49	51	C	JER_VNP_464
JER6532	VNP	4.5	432539	4769918	1256	J_WTG108	9554	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C	JER_VNP_465
JER6533	VNP	4.5	432541	4769937	1237	J_WTG108	9539	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C	JER_VNP_466
JER6534	VNP	4.5	432547	4770019	1157	J_WTG108	9476	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	JER_VNP_467
JER6535	VNP	4.5	432502	4770021	1168	J_WTG108	9448	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	JER_VNP_468
JER6536	VNP	4.5	432501	4769978	1209	J_WTG108	9483	33.3	33.3	33.3	33.3	33.3	40	43	45	49	51	C	JER_VNP_469
JER6537	VNP	4.5	432501	4769959	1227	J_WTG108	9498	33.2	33.2	33.2	33.2	33.2	40	43	45	49	51	C	JER_VNP_470
JER6538	VNP	4.5	432500	4769938	1248	J_WTG108	9515	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C	JER_VNP_471
JER6539	VNP	4.5	432500	4769920	1265	J_WTG108	9530	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C	JER_VNP_472
JER6540	VNP	4.5	432499	4769900	1284	J_WTG108	9546	33.0	33.0	33.0	33.0	33.0	40	43	45	49	51	C	JER_VNP_473
JER6541	VNP	4.5	432492	4769824	1359	J_WTG108	9605	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C	JER_VNP_474
JER6542	VNP	4.5	432470	4769824	1366	J_WTG108	9592	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C	JER_VNP_475
JER6543	VNP	4.5	432449	4769822	1374	J_WTG108	9582	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C	JER_VNP_476
JER6544	VNP	4.5	432523	4770241	954	J_WTG108	9281	34.8	34.8	34.8	34.8	34.8	40	43	45	49	51	C	JER_VNP_477
JER6545	VNP	4.5	432149	4770087	1267	J_WTG108	9195	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C	JER_VNP_478
JER6546	VNP	4.5	432149	4770063	1287	J_WTG108	9216	34.1	34.1	34.1	34.1	34.1	40	43	45	49	51	C	JER_VNP_479
JER6547	VNP	4.5	432141	4770024	1324	J_WTG108	9244	33.9	33.9	33.9	33.9	33.9	40	43	45	49	51	C	JER_VNP_480
JER6548	VNP	4.5	432537	4769821	1350	J_WTG108	9633	32.6	32.6	32.6	32.6	32.6	40	43	45	49	51	C	JER_VNP_481

Point of Reception ID	Description	Height	UTM Coordinates		Distance to Nearest Project Turbine (m)	Nearest Project Turbine ID	Distance to Project Transformer Substation (m)	Calculated Sound Level at Selected Wind Speeds (dBA)					Sound Level Limit (dBA)					Compliance Test	Participating / Vacant Lot Receptor ID
			X	Y				6	7	8	9	10	6	7	8	9	10		
JER6549	VNP	4.5	432292	4769729	1515	J_WTG108	9573	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_482
JER6552	VNP	4.5	432078	4769052	1312	J_WTG94	10041	31.7	31.7	31.7	31.7	31.7	40	43	45	49	51	C	JER_VNP_483
JER6553	VNP	4.5	432077	4769136	1325	J_WTG94	9968	31.9	31.9	31.9	31.9	31.9	40	43	45	49	51	C	JER_VNP_484
JER6554	VNP	4.5	432171	4783859	1424	J_WTG9	7925	30.4	30.4	30.4	30.4	30.4	40	43	45	49	51	C	JER_VNP_485
JER6555	VNP	4.5	432200	4784012	1540	J_WTG9	8061	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_486
JER6556	VNP	4.5	428301	4784307	1460	J_WTG6	6646	30.4	30.4	30.4	30.4	30.4	40	43	45	49	51	C	JER_VNP_487
JER6560	VNP	4.5	427873	4785030	1967	J_WTG106	7300	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_488
JER6561	VNP	4.5	426574	4783951	642	J_WTG106	6202	36.5	36.5	36.5	36.5	36.5	40	43	45	49	51	C	JER_VNP_489
JER6562	VNP	4.5	422099	4780505	1485	J_WTG12	5698	39.4	40.8	41.5	40.5	40.5	40	43	45	49	51	C	JER_VNP_490
JER6563	VNP	4.5	423961	4775889	877	J_WTG39	3658	37.1	37.1	37.1	37.1	37.1	40	43	45	49	51	C	JER_VNP_491
JER6564	VNP	4.5	432808	4770406	727	J_WTG108	9319	36.3	36.3	36.3	36.3	36.3	40	43	45	49	51	C	JER_VNP_492
JER6565	VNP	4.5	432446	4770074	1138	J_WTG108	9373	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	JER_VNP_493
JER6566	VNP	4.5	432091	4770160	1243	J_WTG108	9103	34.5	34.5	34.5	34.5	34.5	40	43	45	49	51	C	JER_VNP_494
JER6567	VNP	4.5	432182	4769105	1423	J_WTG94	10047	31.4	31.4	31.4	31.4	31.4	40	43	45	49	51	C	JER_VNP_495
JER6568	VNP	4.5	432228	4769198	1486	J_WTG94	9991	31.5	31.5	31.5	31.5	31.5	40	43	45	49	51	C	JER_VNP_496
JER6569	VNP	4.5	432125	4769262	1402	J_WTG94	9883	31.9	31.9	31.9	31.9	31.9	40	43	45	49	51	C	JER_VNP_497
JER6570	VNP	4.5	432087	4769258	1365	J_WTG94	9867	32.1	32.1	32.1	32.1	32.1	40	43	45	49	51	C	JER_VNP_498
JER6571	VNP	4.5	432073	4769298	1364	J_WTG94	9826	32.2	32.2	32.2	32.2	32.2	40	43	45	49	51	C	JER_VNP_499
JER6572	VNP	4.5	432086	4769232	1357	J_WTG94	9889	32.0	32.0	32.0	32.0	32.0	40	43	45	49	51	C	JER_VNP_500
JER6573	VNP	4.5	432158	4769424	1487	J_WTG94	9761	32.2	32.2	32.2	32.2	32.2	40	43	45	49	51	C	JER_VNP_501
JER6574	VNP	4.5	428248	4775368	945	J_WTG46	2664	37.7	37.7	37.7	37.7	37.7	40	43	45	49	51	C	JER_VNP_502
JER6575	VNP	4.5	430602	4779549	1522	J_WTG29	3929	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_503
JER6576	VNP	4.5	430314	4779793	1273	J_WTG29	3799	33.6	33.6	33.6	33.6	33.6	40	43	45	49	51	C	JER_VNP_504
JER6577	VNP	4.5	430245	4779483	1163	J_WTG29	3583	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	JER_VNP_505
JER6578	VNP	4.5	430244	4779464	1162	J_WTG29	3573	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	JER_VNP_506
JER6579	VNP	4.5	430308	4779484	1226	J_WTG29	3638	33.5	33.5	33.5	33.5	33.5	40	43	45	49	51	C	JER_VNP_507
JER6580	VNP	4.5	430027	4779410	947	J_WTG29	3356	35.0	35.0	35.0	35.0	35.0	40	43	45	49	51	C	JER_VNP_508
JER6581	VNP	4.5	430242	4779331	1169	J_WTG29	3510	33.7	33.7	33.7	33.7	33.7	40	43	45	49	51	C	JER_VNP_509
JER6582	VNP	4.5	430204	4779203	1154	J_WTG29	3420	33.8	33.8	33.8	33.8	33.8	40	43	45	49	51	C	JER_VNP_510
JER6583	VNP	4.5	430344	4779173	1297	J_WTG29	3536	33.1	33.1	33.1	33.1	33.1	40	43	45	49	51	C	JER_VNP_511
JER6584	VNP	4.5	430234	4778991	1248	J_WTG29	3365	33.4	33.4	33.4	33.4	33.4	40	43	45	49	51	C	JER_VNP_512
JER6586	VNP	4.5	433936	4767122	1111	J_WTG103	12655	32.7	32.7	32.7	32.7	32.7	40	43	45	49	51	C	JER_VNP_513
JER6587	VNP	4.5	434443	4767022	1372	J_WTG103	13019	31.5	31.5	31.5	31.5	31.5	40	43	45	49	51	C	JER_VNP_514
JER6589	VNP	4.5	434914	4767011	1760	J_WTG103	13299	-	-	-	-	-	-	-	-	-	-	-	JER_VNP_515
JER6590	VNP	4.5	433941	4766196	571	J_WTG103	13446	37.2	37.2	37.2	37.2	37.2	40	43	45	49	51	C	JER_VNP_516
JER6594	VNP	4.5	420890	4764543	1142	J_WTG105	14612	28.7	28.7	28.7	28.7	28.7	40	43	45	49	51	C	JER_VNP_517
JER6595	VNP	4.5	420429	4764541	1435	J_WTG105	14816	26.2	26.2	26.2	26.2	26.2	40	43	45	49	51	C	JER_VNP_518

Appendix A: Site Plan



Legend

Project Location

- Wind Energy Centre Study Area
- Transmission Line Study Area
- 120m Area of Investigation
- Municipal Division
- Railway

Natural Feature

- Watercourse (ABCA, SCRCA)
- Watercourse (MNR)
- Waterbody
- Catographic Wetland
- Wooded Area

Other Nearby Turbines

- Profile Turbines
- Ravenswood Turbines
- Vacant Lot Participating Receptor
- Vacant Lot Non-participating Receptor

Parkhill Interconnect Infrastructure (See Addendum)

- Parkhill Transformer Substation and Point of Interconnection
- Proposed Transmission line from Borish Switchyard to Parkhill TS
- Borish Switchyard

Project Location

- GE Turbine
- Permanent Meteorological Tower
- Access Road
- Collection Line
- Crane Path
- Transmission Line
- Substation & Laydown Area
- Disturbance Areas
- Existing 500kV Transmission Line

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2

Metres

0 600 1,200 2,400

1:10,000
UTM Zone 17N, NAD 83

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Jericho Wind Energy Centre
Noise Modelling
Site Plan

February 2014
Project 60155032

AECOM

Appendix B: Parkhill Interconnect Noise Impact Assessment Report

**PARKHILL INTERCONNECT - NOISE
IMPACT ASSESSMENT**

Client	NextEra Energy Canada, ULC
Contact	Ben Greenhouse
Document No	800253-CAMO-R-02
Issue	D
Status	Final
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Date	2 April 2013

Author:

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REVISION HISTORY

Issue	Date	Summary
A	22 February 2012	Original Version (electronic only). Issued as R-08-A under project 1008.
B	24 July 2012	Change in project number. New substation configuration and transformer specifications.
C	20 September 2012	Updates requested by MOE
D	2 April 2013	Change to ground factor calculation methodology, as per MOE comments.

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1 INTRODUCTION

NextEra Energy Canada, ULC is proposing to develop the Parkhill Interconnect Project (“Project”), which is subject to Ontario Regulation 359/09 (Renewable Energy Approvals (REA) under Part V.0.1 of the Ontario Environmental Protection Act (EPA)) [1]. NextEra Energy Canada, ULC is seeking a Renewable Energy Approval from the Ontario Ministry of the Environment (MOE).

The Parkhill Interconnect Project will consist of a substation and a switching station. The substation will consist of two main power transformers. The substation at the Point of Interconnect (POI) will be owned within a Co-Owners Agreement (Tenants-in-Common Agreement) among Bornish Wind LP, Kerwood Wind, Inc. and Jericho Wind Inc. These three companies are wholly-owned subsidiaries of NextEra Energy Canada, ULC. The parent company of NextEra Energy Canada, ULC is NextEra Energy Resources, LLC, with a current portfolio of nearly 8,500 operating wind turbines across North America.

At the request of NextEra Energy Canada, ULC (the “Client” or “NextEra”), GL Garrad Hassan Canada, Inc. (GL GH), prepared a Noise Impact Assessment (NIA) as per the requirements of the REA, Technical Guide to Renewable Energy Approvals and in accordance with Appendix A of the Ministry of the Environment’s publication entitled, “Basic Comprehensive Certificates of Approval (Air) – User Guide”, as amended periodically and available from the Ministry [2].

The purpose of this study is to verify compliance of the Project to current Ontario noise guidelines by calculating the noise levels generated by the Project at all Points of Reception in the vicinity of the main power transformers.

This study comprises 3 main sections: (i) a general description of the project area, noise sources and noise receptors, (ii) a description of the Project’s components including noise sources and acoustic barriers, and (iii) noise impact assessment results.

2 GENERAL DESCRIPTION OF PROJECT AREA

2.1 General Characteristics

The proposed Parkhill Interconnect Project is located in south-western Ontario, in the Municipality of North Middlesex, Middlesex County, Ontario. More specifically, the Project is located south of New Ontario Road, east of Evergreen Road, north of naira Road and west of Cassidy Road. It has a total project area of approximately 43.7 ha. Project components will be installed on a privately-owned agricultural lot.

The Project consists of a switching station and a substation. The substation includes two (2) 135/225 MVA -121/525 kV LTC transformers with ONAN/ONAF/ONAF cooling rating. The switching station and substation have been strategically sited on lands that the Client holds under lease options.

The landscape in the study area is predominantly characterized by agricultural fields and associated farms punctuated with numerous hedgerows, isolated woodlands, and the occasional watercourse. Photographs included in Figure 2-1 show typical views of the land and features of the study area.



Figure 2-1: Land Features of the Parkhill Interconnect Site

2.2 Land Use Description

The site is located within two two-tiered municipal systems. The County of Middlesex makes up the upper tier of the region, while Adelaide Metcalfe, North Middlesex and Strathroy-Caradoc, along with five additional townships and municipalities, have lower tier municipal status. Agriculture is the predominant economic activity and land use throughout the County of Middlesex; however, the municipalities that comprise the study area each have features creating distinct community character. Surrounding properties and lands are characterized as low density residential while also including a number of agricultural buildings. Other land use within the study area includes rural and urban-rural, providing a foundation for manufacturing, business and tourism development. Access to the Project is provided by small paved and unpaved municipal roads that stem from larger municipal roads. The municipal zoning map is shown in Appendix A.

2.3 Baseline Ambient Noise Conditions

The MOE categorizes Points of Reception into three classes: 1, 2, and 3. Class 1 refers to an acoustic environment typical of a major population centre where the background noise is dominated by the urban hum. These areas are highly urbanized and have moderate to high noise levels throughout the day and night. Class 2 areas have an acoustic environment characterized by low ambient sound levels between 19:00 and 07:00, whereby the evening and night-time levels are defined by natural sounds, infrequent human activity and no clearly audible sounds from stationary sources (e.g. industrial and commercial facilities). Class 3 areas are typical of rural and/or small communities (i.e. with populations of less than 1000) and an acoustic environment that is dominated by natural sounds with little or no road traffic.

Within the study area, the main sources of ambient sound that currently exist include:

- Vehicular traffic noise from nearby roads;
- Vehicular traffic on the local concession and side roads, some of which are gravel roads;
- Occasional sounds stemming from agricultural activities;
- Occasional sounds due to anthropogenic domestic activities; and
- Natural sounds.

Based on these conditions, all Points of Reception are considered as having a Class 3 acoustical environment, which requires that the permissible sound level not exceed the following values at the PoR:

Table 2-1: Permissible sound levels for a Class 3 area

Time of Day	One Hour L_{eq} [dBA]
07:00 – 19:00	45
19:00 – 23:00	40
23:00 – 07:00	40

2.4 Points of Reception

The “Basic Comprehensive Certificates of Approval (Air) – User Guide” [2] requires a search radius of up to 1,000 m for Points of Reception (POR). This study includes Points of Reception found within 1,500 m of the proposed main power transformer locations. A total of 19 buildings were identified and provided by the Client [3], whereas 9 of the buildings within 1,500 m of the transformers were considered Points of Reception for this NIA. GL GH did not validate the Points of Reception on-site.

13 vacant lots with a zoning designation that considers houses as a permitted use were also found by GL GH within 1,500m of the main power transformer location, by using available Ontario base mapping, satellite imagery and parcel fabric data. In accordance with the REA requirements, “vacant lot receptors” (VLR) were placed on these vacant lots, in a location consistent with the building pattern of the area, which is typically alongside the road frontage. For the sake of consistency and given the unknown location of any future houses on these lots, VLRs were placed half-way on the front yard lot line abutting the road.

Table 2-2 below provides all PoR locations that were analyzed in this study.

Table 2-2: List of identified Points of Reception

POR ID#	Type	Coordinates (NAD83 UTM17)		Receptor Height [m]
		X	Y	
1	House	452289	4774238	4.5
2	House	452732	4773916	4.5
3	House	453143	4773794	1.5
8	House	452661	4776120	4.5
9	House	453132	4775871	4.5
10	House	452995	4776038	4.5
12	House	453676	4774131	1.5
17	House	453854	4774336	1.5
19	House	451903	4773535	1.5
22	VLR	451970	4774059	4.5
23	VLR	452484	4773944	4.5
24	VLR	453079	4773935	4.5
25	VLR	453416	4773737	4.5
26	VLR	453932	4774552	4.5
29	VLR	453521	4775823	4.5
30	VLR	453254	4776020	4.5
31	VLR	453557	4775954	4.5
33	VLR	453019	4775939	4.5
34	VLR	452721	4776005	4.5
40	VLR	451469	4774311	4.5
41	VLR	451970	4774199	4.5
42	VLR	451467	4774169	4.5

3 PROJECT DESCRIPTION

The Parkhill Interconnect substation will “step-up” the electricity conveyed via a 115 kV transmission to 500 kV and will connect via a switching station to an existing Hydro One 500 kV line that runs adjacent to the Project location. The substation equipment will include an isolation switch, a circuit breaker, a step-up transformer, transmission switch gear, instrument transformers, grounding and metering equipment. All substation and switching station grounding equipment will meet the Ontario Electrical Safety Code.

It is important to note that the 115 kV line running to the project and connecting to Hydro One’s existing 500 kV line is common to three of NextEra’s Projects, i.e. Adelaide, Bornish and Jericho Wind Energy Centre.

Based on the classification system outlined in Part II of O. Reg. 359/09, the Parkhill Interconnect Project is located in a Class 3 rural area.

Wind turbines belonging to three different projects (Adelaide, Bornish, and Jericho) will convert wind into Alternating Current (AC) electricity. The local transformers of each project will raise the voltage to 115 kV. The combined power of the three projects will then be directed to the Parkhill Interconnect substation that will elevate the voltage to 500 kV. The Project will be made up of the following key facilities, equipment and technologies:

- Collector system and two (2) 3-phase 225 MVA transformers at the substation; and
- Access roads and maintenance building.

A scaled location map, indicating the topography, nature of the neighborhood surrounding the facility, location of adjacent buildings, structures and receptors has been attached as Appendix B.

3.1 Life of the Project

The expected life of the Project will be a minimum of 20 years (the length of the power purchase agreement), but may continue to operate or be repowered once the power purchase agreement expires. At the end of the Project life the Project will be decommissioned in accordance with the Decommissioning Plan Report.

3.2 Operating Hours

The main transformers in the Parkhill Interconnect substation will be operating continuously throughout the day and are assumed to emit the same amount of noise during the daytime as during night time. Therefore, no changes will be made to the sound power level of the main transformers when running the model to account for time of day. The sound pressure level that will be compared to the permissible noise levels in Table 2-1 will be the same for daytime operation and night time operation.

3.3 Noise Sources

3.3.1 Approach to the Study

The sound pressure level at each Point of Reception for the Parkhill Interconnect Project was calculated based on the ISO 9613-2 method [4]. This is a widely used and generally accepted standard for the evaluation of noise impact in environmental assessments. The desired sound pressure level of the proposed main power transformers was obtained from the Client and can be found in Appendix C, while the transformer sound power level (PWL) was estimated on the basis of the technical specifications and dimensions. The software package CadnaA, which implements ISO-9613-2, was used to predict the sound pressure levels at the PoRs.

3.3.2 Noise Sources Summary

The primary noise sources of the current Project design are the main power transformers located in the central portion of the Project area.

The cumulative noise impact from the nearby proposed wind farm project, Bornish Wind Energy Centre, has not been included in the analysis since the closest proposed with turbine for this project is >5 km away.

No other equipment at the substation and at the switching station has been included in the present NIA. Any ancillary equipment installed is considered to have a significantly lower acoustical level compared to the main power transformers.

3.3.3 Main Transformers

This Project uses one (2) main step-up transformers located at the Project's substation. The electrical and physical specifications for the substation's transformers were provided by the Client [5] and are shown in Appendix C. Details are presented in Table 3-1 below. This study assumes that the 225-MVA / 525 kV main transformers at the substation are fluid-immersed devices with forced air cooling (rated ONAN/ONAF/ONAF).

The transformer walls were modeled as vertical area sources and the transformer top was modeled as a horizontal area source. GL GH considers that given the relatively large size of the transformers and barriers, modeling the transformers as an area source is a more realistic approach than assuming a point source, in this case. Not only does the transformer not behave like a point source, but it also yields a less conservative sound pressure level at the nearest PoR. Refer to Section 4.2 for a comparison of results at most impacted dwelling.

The base of each transformer has been raised to 1 m above ground level, as requested by the Client. The vertical area sources used to represent the transformer walls were given a height of 4.5 m and placed 1 m above ground.

The Client is currently in talks with the manufacturer to ensure that the broadband Sound Pressure Level (SPL) value of the transformer will not exceed 75 dBA when measured according to IEEE Std C57.12.90-2006 [7]. The proposed audible sound level of 75 dB was then converted to a PWL value of 100.8 dBA

using IEEE Std C57.12.90-2006. A 5 dBA penalty for tonality, as per Publication NPC-104 (Sound Level Adjustments) was applied for a resulting PWL of 105.8 dBA. A typical transformer octave band sound distribution for a large transformer from the Handbook of Acoustics [8] was used and fitted to match the broadband value of 105.8 dBA.

Details on each noise source are presented in Table 3-1 below.

Coordinates of the transformers and a table with the derived octave band spectra are listed in Appendix C.

3.3.4 Sound Barrier

In order to achieve compliance with the current noise propagation model, both transformers will require a noise barrier. The type of barrier used in this noise study is one that can be described as of absorptive type with an Absorptive Coefficient of 0.85. The acoustic barriers should have a surface density of at least 20 kg/m² and have a closed surface free of gaps and cracks, such as Armtec's Durisol. A 5.5 m tall barrier (equal to the height of the transformer raised by 1 m) was modeled on the south side of each transformer, approximately 6 m away from the southern edge of the transformer. The barriers are illustrated on the noise map in Appendix D. The coordinates of the barrier can be found in Table 3-2.

3.3.5 Summary Tables

Table 3-1: Noise Source Summary Table

Source ID	Source Description	Sound Power Level [dBA] ¹	Source Location	Sound Characteristics	Noise Control Measures
T1	Main Transformer	105.8	O	S-T	B
T2	Main Transformer	105.8	O	S-T	B

1. 5 dBA tonal penalty included

Source location: (O): Outside building

Sound Characteristics: (S): Steady; (T): Tonal

Noise Control: (B): Barrier

Table 3-2: Coordinates of Barrier Edges. UTM 17 NAD83

ID	Description	Easting	Northing
B1a	Barrier 1, point a	452720	4774653
B1b	Barrier 1, point b	452747	4774646
B2a	Barrier 2, point a	452761	4774643
B2b	Barrier 2, point b	452788	4774637

4 NOISE IMPACT ASSESSMENT

As stated in MOE's publication NPC 232, the sound level limit at a point of reception must be established based on the principle of "predictable worst case" noise impact.

The sound pressure level at each Point of Reception for the aggregate of all noise sources associated with the Parkhill Interconnect Project was calculated based on the ISO 9613-2 method.

The ISO 9613 standard [6] provides a prediction of the equivalent continuous A-weighted sound pressure levels at a distance from one or more point sources under meteorological conditions favorable to propagation of sound emissions.

The method consists of octave-band algorithms (i.e. with nominal mid-band frequencies from 63 Hz to 8 kHz) for calculating the attenuation of the emitted sound. The algorithm takes into account the following physical effects:

- Geometrical divergence – attenuation due to spherical spreading from the sound source;
- Atmospheric absorption – attenuation due to absorption by the atmosphere; and
- Ground effect – attenuation due to the acoustic properties of the ground.

ISO-9613-2 parameters were set as follows:

- Ambient air temperature: 10°C;
- Ambient barometric pressure: 101.32 kPa;
- Humidity: 70%;
- Ground factor: A detailed map of Hard Ground (0) and Porous Ground (1.0) was used to model the ground attenuation.;
- Transformer height and dimensions: see Appendix C;
- PoR height: 1.5m and 4.5 m; and
- The effect of topography was considered.

A discussion of the Ground Factor methodology can be found in section 4.1.

Additional calculations concerning attenuation from foliage were not performed in this report, implying that the values calculated for sound attenuation are likely to be conservative in areas where there is foliage present in the line of sight between any noise source and a Point of Reception. The estimated accuracy of the ISO 9613 method, as stated in ISO 9613-2, is ± 3 dB.

First order acoustic reflections were not included in the study since it is assumed that the sound reflection coefficient is lower than 0.2 [6].

The transformer noise emission ratings used for each octave band are specified in Appendix C. The noise impact was calculated for each Point of Reception located within 1,500 m of a source of sound from the Project, and the calculated noise level was then compared with the applicable permissible sound level for each receptor, as presented in Table 4-2.

4.1 Ground Factor Methodology

GL GH has previously assumed a global ground factor of 0.7 to model the ground factor attenuation. However, as per recent requirements, GL GH has undertaken a refined estimate of the ground factor attenuation around the project interconnection substation. This section presents a detailed ground factor calculation for the area expected to be most sensitive to ground factor assumptions. For the transformers-to-PoR 1 case, ground factors for the source, middle, and receiver regions have been calculated based on ISO 9613-2. The distance from the transformer to Receptor ID 1 is 610 m. Figure 4-1 below shows the regions and ground cover, including the gravel area around the substation.

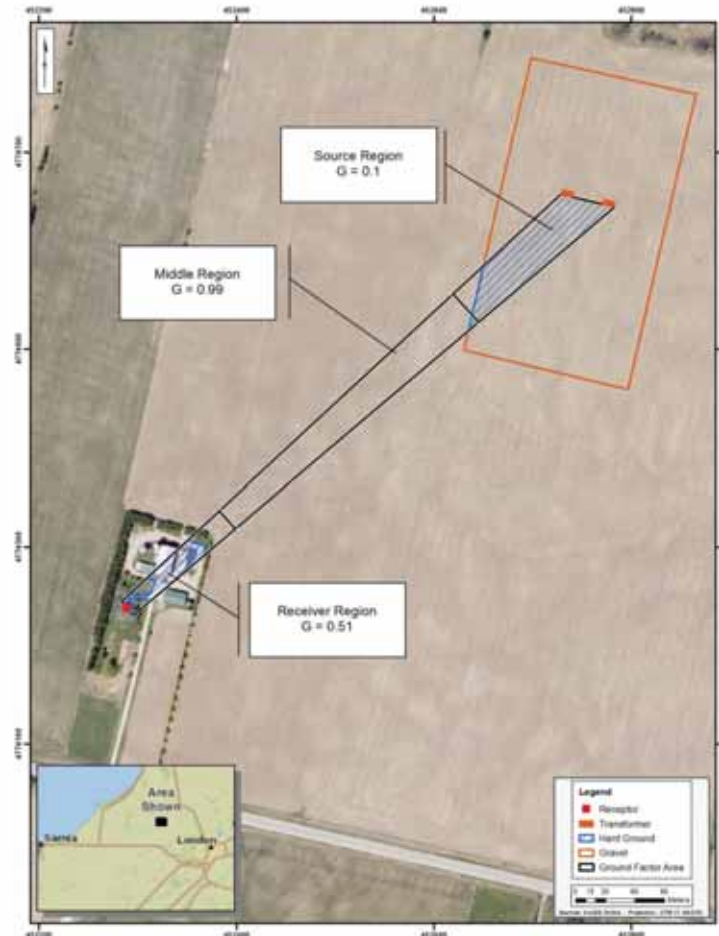


Figure 4-1: Ground factor coverage near Parkhill substation

Source region ground factor G_S

As defined by ISO 9613-2, the source region extends over a distance of $30h_s$ from the source towards the receiver, where h_s is the source uppermost height of 4.5 m. The source region length is therefore 135 m. NextEra has supplied site plans indicating that the area that will be covered with gravel. A geometric analysis has indicated that 90% of the source region is covered with gravel. Based on aerial photography, the remaining area is covered with porous ground. The source region ground factor G_S is then **0.1**, as per ISO 9613-2.

Receiver region ground factor G_R

As defined by ISO 9613-2, the receiver region extends over a distance of $30h_R$ from the receiver towards the source, where h_R is the receiver height of 4.5 m. The receiver region length is 135 m. Based on aerial photography, 49% of the receiver region is covered by hard ground. The receiver region ground factor G_R is then **0.51**, as per ISO 9613-2.

Middle region ground factor G_M

As defined by ISO 9613-2, the middle region stretches over the distance between the source and receiver regions. Based on aerial photography, 0.6% of the receiver region is covered by hard ground. The middle region ground factor G_M is then **0.99**, as per ISO 9613-2.

CadnaA Calculations

Two sets of CadnaA calculations have been carried out. The first uses the three ground factors calculated as described above:

$$G_S = 0.1$$

$$G_M = 0.99$$

$$G_R = 0.51$$

The second CadnaA calculation uses a global ground factor of 0.7 for all three regions.

When using the three ground factors, the estimated sound pressure level at PoR1 is below the 40 dBA limit, but higher when compared to using a global factor of 0.7.

Given this result, for this specific project, a different a more detailed approach for considering ground factor is thus implemented and explained below.

4.1.1 Site-specific ground factor approach

Geospatial imagery was used to produce a detailed shape file identifying hard ground. The shape file covers an area of at least 1.5 km around the substations transformers. All areas identified as having hard ground have been assigned a ground absorption of 0. All other areas, which are covered by farming area, brush, grass, etc. have been considered as porous ground and assigned a ground absorption value of 1.0, as detailed in ISO 9613-2.

Figure 4-2 below shows the regions and ground cover.

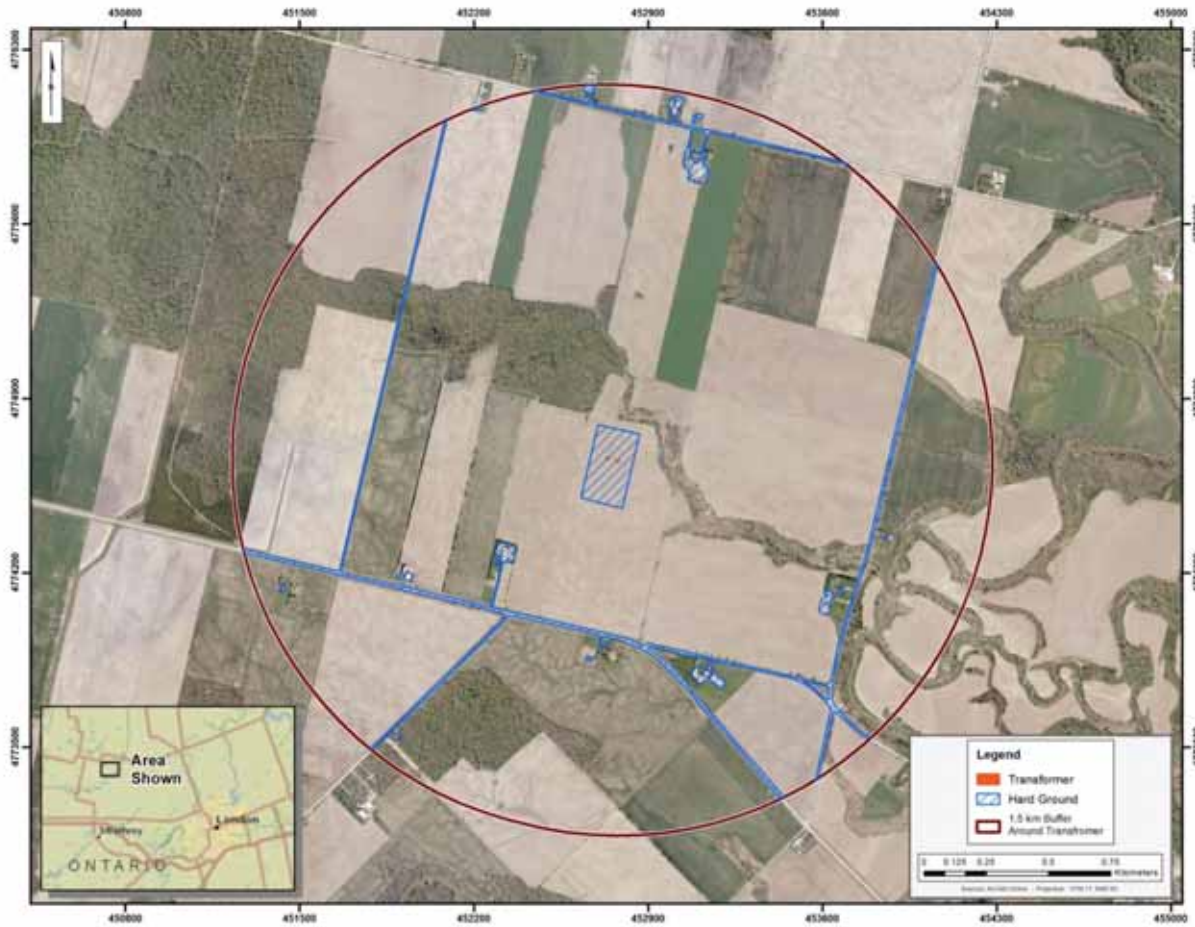


Figure 4-2 : Ground factor coverage for the entire Parkhill substation area

The worst case result at the most impacted receptor, PoR 1, is 38.8 dBA. This level is higher than results utilizing a global ground factor of 0.7, or three regional ground factors. The detailed site-specific methodology is therefore the most conservative of the three approaches for the most impacted receptor, and has been utilized in this assessment. The results are shown in Table 4-1 below.

Table 4-1: Comparison of three ground factor cases

Case	Case 1, Global G = 0.7	Case 2, Three G values	Case 3 Detailed map of hard ground and porous ground for entire project
Sound Pressure Level at PoR1 [dBA]	37.5	38.4	38.8

4.2 Results

Table 4-2 presents the sound pressure level at each point of reception within 1,500 m of the Main Power Transformers, and all are found to be compliant with daytime and night-time permissible sound levels per the MOE guidelines. The simulated noise iso-contour map is presented in Appendix D.

The shortest distance between a Main Power Transformers and a house is approximately 610 m (PoR 1 and T1). This distance was calculated starting from the center of a transformer. The shortest distance between a noise source at the Project and a vacant lot receptor is approximately 760 m (PoR 23 and T2).

Table 4-2: Acoustic assessment summary

Point of Reception ID	Description	Sound Level at PoR Level Lr [dBA]	Verified by Acoustic Audit	Performance Limit, Night/Day [dBA]	Compliance with Performance Limit
1	House	38.8	NO	40/45	YES
2	House	34.1	NO	40/45	YES
3	House	32.4	NO	40/45	YES
8	House	31.9	NO	40/45	YES
9	House	34.6	NO	40/45	YES
10	House	32.5	NO	40/45	YES
12	House	32.3	NO	40/45	YES
17	House	31.5	NO	40/45	YES
19	House	26.4	NO	40/45	YES
22	VLR	33.6	NO	40/45	YES
23	VLR	33.7	NO	40/45	YES
24	VLR	35.4	NO	40/45	YES
25	VLR	32.4	NO	40/45	YES
26	VLR	34.0	NO	40/45	YES
29	VLR	32.4	NO	40/45	YES
30	VLR	32.0	NO	40/45	YES
31	VLR	31.5	NO	40/45	YES
33	VLR	33.1	NO	40/45	YES
34	VLR	32.7	NO	40/45	YES
40	VLR	29.1	NO	40/45	YES
41	VLR	34.9	NO	40/45	YES
42	VLR	29.3	NO	40/45	YES

As discussed in section 3.3.3, GL GH has modeled the transformers as area sources. For comparison, if the transformers are modeled as point sources, at a conservative height of 4.75 m, with all other parameters kept constant, PoR 1 yields a sound pressure level of 37.6 dBA, whereas the area source approach yields a sound pressure level of 38.8 dBA, as illustrated in Table 4-2.

4.3 Mitigation Measures

The overall predicted noise levels for all identified Points of Reception, based on site operations, comply with performance limits for daytime and night-time operations. As a result, no mitigation is deemed required to ensure compliance with MOE guidelines.

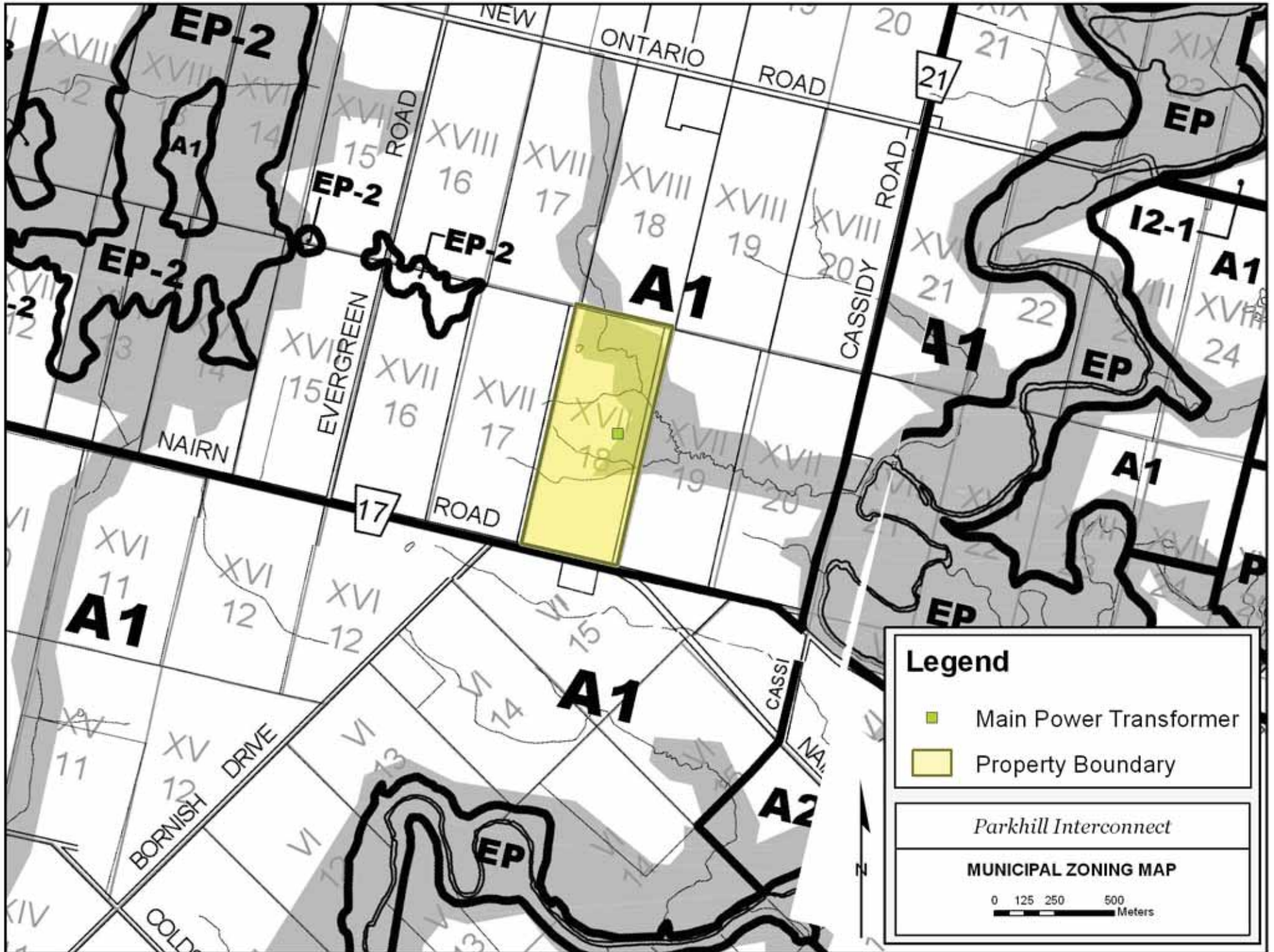
5 CONCLUSION

GL GH calculated the predicted noise levels generated by the Parkhill Interconnect Project based on the ISO 9613-2 model using CadnaA software. Based on the approach presented in this study and a set of assumptions related to noise sources of the Project and noise receptors, the Project is considered to be compliant with the daytime and night-time MOE permissible sound limits for Class 3 areas.

6 REFERENCES

- [1] Ontario Regulation 359/09 (Renewable Energy Approvals (REA) [1] under Part V.0.1 of the Ontario Environmental Protection Act (EPA)).
- [2] Ministry of the Environment (MOE). 2011. Basic Comprehensive Certificates of Approval (Air) – User Guide (Appendix A). Environmental Assessment and Approval Branch
- [3] File “CAN_ON_Parkhill_Substation_Receptors_2012-01-30.zip”, email sent by Brian Torborg, NextEra, to GL GH, 30 January 2012.
- [4] ISO 9613-2 (1996), Acoustics – Attenuation of sound during propagation outdoors.
- [5] Email sent by Gabe Henehan, NextEra to GL GH, 20 July 2012.
- [6]
- [7] C57.12.90-2006 IEEE Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers.
- [8] Handbook of Acoustics – Edited by Malcolm J. Crocker, 1998.

APPENDIX A MUNICIPALITY OF NORTH MIDDLESEX LAND USE MAP



APPENDIX B PROPOSED LOCATION AND TOPOGRAPHIC MAP



- Legend**
- Project Components**
- Power Transformer
 - Substation Footprint
 - Project Location
 - Property Boundary
- Other Components**
- Dwelling
 - Vacant Lot Receptor
 - Existing Transmission Line
 - Road
 - Watercourse
 - Contours (Interval: 5 m)
 - Wetland



Parkhill Interconnect

PROJECT LOCATION & TOPOGRAPHY MAP



July 20, 2012

Projection: UTM, Zone 17, NAD83
 Sources: Nextera Energy Resources; Ontario Base Mapping; Ontario Road Network; Land Information Ontario; Geobase, Carleton Place; Ontario Ministry of Natural Resources
 While every effort is made to ensure the accuracy of this map, the user assumes all responsibility for its use.

APPENDIX C NOISE SOURCES

Noise Sources

Source ID	Description	Sound Power Level ¹ [dBA]	Coordinates (NAD83-UTM17)	
			X	Y
T1	Main Transformer	105.8	452735	4774658
T2	Main Transformer	105.8	452777	4774648

Includes 5dBA Tonal Penalty

Specifications of Noise Sources

225 MVA Main Power Transformer

Maximum Audible Sound Level: 75 dBA,
as per manufacturer documentation

Total Perimeter: 49.1 m

(12.3 m wide by 5.95 m deep, including 2 m offset from three fan-cooled surfaces)

Effective Height: 4.75 m without cooling tank

Top Area: 145.3 m²

Estimated Total Surface Area (S): 378.5 m²

Estimated Sound Power Level (without penalty): 100.8 dBA as per [7]

225 MVA substation main transformer octave band spectrum (including 5 dB penalty)¹

31.5	63	125	250	500	1000	2000	4000	8000	Overall Sound Power Level [dBA]
63.0	82.2	94.3	96.8	102.2	99.4	95.6	90.4	81.3	105.8

1 Generic octave band for similar size transformer. Scaled to 105.8 dBA

Transformer Octave Band Calculation Details

31.5	63	125	250	500	1000	2000	4000	8000	
-1	5	7	2	2	-4	-9	-14	-21	Typical Outdoor Transformer Octave band relative distribution [8] [dB Lin]
-39.4	-26.2	-16.1	-8.6	-3.2	0	1.2	1	-1.1	dB Lin to dBA Conversion Scale
-40.4	-21.2	-9.1	-6.6	-1.2	-4	-7.8	-13	-22.1	Typical Outdoor Transformer Octave band relative distribution [dBA]
63.0	82.2	94.3	96.8	102.2	99.4	95.6	90.4	81.3	Scaled to 105.8 dBA for 225 MVA Transformer