

READ AND LANIADO, LLP

ATTORNEYS AT LAW
25 EAGLE STREET
ALBANY, NEW YORK 12207-1901

(518) 465-9313 MAIN
(518) 465-9315 FAX
www.readlaniado.com

KEVIN R. BROCKS
DAVID B. JOHNSON
SAM M. LANIADO
KONSTANTIN PODOLNY

TYLER W. WOLCOTT
ZACHARY W. PERDEK

HOWARD J. READ
Of Counsel

Via Electronic Delivery

May 15, 2020

Hon Michelle L. Phillips
Secretary
New York State Board on Electric Generation
Siting and the Environment
Three Empire State Plaza
Albany, NY 12223-1350

Re: Case 17-F-0597 – Application of High River Energy Center, LLC for a Certificate of Environmental Compatibility and Public Need Pursuant to Article 10 of the Public Service Law for Construction of a Solar Electric Generating Facility Located in the Town of Florida, Montgomery County.

Dear Secretary Phillips,

Pursuant to the Supplement filed by the Applicant with the Chair on February 14, 2020, the subsequent Compliance Determination issued by the Chair on March 13, 2020, and the discussion amongst the parties and the Examiners during the Procedural Conference held on April 30, 2020, attached please find the following information concerning the Alternative Layout described in the Supplement:

- Geotechnical Evaluation
- Addendum to the Pre-Construction Noise Impact Assessment
- Wetland Approximation
- Invasive Species
- Breeding Bird Survey
- Winter Raptor Survey Report
- Transportation
- Real Property

During the Procedural Conference, the Applicant informed the Examiners and the parties that the information described in the Supplement would be filed no later than May 22, 2020. Citizens for Responsible Solar Farm Placement requested the Applicant to determine if any information could be filed sooner. To accommodate that request, the Applicant accelerated the preparation

cc: Hon. Sean Mullany, Presiding Examiner
Hon. Richard A. Sherman, Associate Examiner
DMM Party List
Statutory Service List

High River Energy Center Updated Information for Alternate Layout

Contents

Part 1:.....	3
Exhibit 13: Real Property	3
Exhibit 19: Noise and Vibration	3
Exhibit 21: Geology, Seismology, and Soils	4
Exhibit 22: Terrestrial Ecology and Wetlands	5
Exhibit 25: Effect on Transportation	7
References	7

Attachments

- Attachment A. New Figure 2-2. Project Area and Study Area
- Attachment B. Real Property Map and Demonstration Applicant has Obtained Rights for Additional Project Parcel
- Attachment C. Addendum to the Pre-Construction Noise Impact Assessment
- Attachment D. Revised Figure 21-1. Existing Slopes
- Attachment E. Revised Figure 21-3. Bedrock
- Attachment F. New Figure 22-5. Predicted Wetlands
- Attachment G. Winter Raptor Survey

As described in the Supplement to the Application filed on February 14, 2020, the Alternative Layout includes tax parcel 88.-1-11 (the new parcel), an approximately 200-acre parcel for which the Applicant acquired a lease agreement following the submission of the Application. Pursuant to the Compliance Determination issued by the Chair on March 13, 2020 and the Procedural Conference held on April 30, 2020, the Applicant is filing this document and attachments with additional information concerning the Alternative Layout described in the Supplement.

The Project will still be located on land leased and/or purchased from owners of private property in the Town of Florida, Montgomery County, NY. The parcel is located adjacent to an existing participating parcel, east of Thayer Road and north of Bullshead Road (Attachment A). The parcel is classified as agricultural land (Code 120 – field crops) by the New York State Office of Real Property Services (NYSORPS) and is within the mapped Agricultural District 3 for Montgomery County. Plant community mapping (as described in the Application Exhibit 22(a)), classified approximately 166.47 acres of the parcel to be agricultural land, 36.65 acres forestland, 1.18 acres successional shrubland, and 0.42 acres of disturbed/developed land.

By adding modules on this parcel, some modules on steeper slopes in Area 2 and the modules in Area 6 (between Pattersonville Road and Interstate 90) are no longer proposed. The proposed Alternative Layout will reduce impacts to steep slopes and reduce visibility of the Project from homes located along portions of Pattersonville Road and Bulls Head Road as well as visibility from the New York State Thruway.

The location of the new parcel and the overall Project Area is depicted in Figure 2-2 of Attachment A, hereto. The layout consists of both fixed and tracking solar arrays. Site plan drawings are currently being prepared and will be submitted on or about May 22, 2020. As stated in the Supplement, to assess potential impacts associated with the Alternative Layout, the following studies, as applicable, were conducted:

- Part 1, being submitted herein:
 - Real Property
 - Noise study
 - Geotechnical evaluation
 - Terrestrial ecology and wetlands
 - Breeding bird survey
 - Winter raptor survey
 - Invasive species

- Transportation
- Part 2 (to be submitted on or about May 22, 2020)
 - Glare study
 - Visual impact analysis
 - Phase IB archaeological testing
 - Land use assessment

Part 1:

Exhibit 13: Real Property

A survey map for the Envision Dairy parcel (Tax ID: 88.-1-11) and a memorandum demonstrating that the Applicant has obtained a leasehold interest for the parcel is included herein as Attachment B. The survey maps and the memoranda demonstrating the Applicant has obtained title or leasehold interests for the remainder of the Project Area were submitted in the Application as Figure 13-1 and Appendix 13-1, respectively.

Exhibit 19: Noise and Vibration

An Addendum to the Pre-Construction Noise Impact Assessment (included as Appendix 19-1 in the Application), is included herein as Attachment C. The addendum addresses the noise impacts that differ from the Application as a result of inverter location adjustments and the addition of the new parcel. The location changes of 12 inverters have been evaluated, including updates to inverters on the new parcel and on the existing Project parcels. The total quantity and type of inverters and the location of the substation has not changed since the initial Application. Sound modeling was performed at the same 389 receptors presented in the initial analysis for the Application. As a result of the relocation of inverters, the worst-case 1-hour Leq sound levels for the Alternative Layout are at or below the design goals of 42 dBA for non-participating receptors and 52 dBA for participating receptors at all modeled locations. Additionally, the Alternative Layout removes the need for sound barriers that were required at two of the previous inverter locations to meet the design goals in the October 2019 analysis.

Exhibit 21: Geology, Seismology, and Soils

The regional geology, tectonic setting, and seismology as described in Section 21(m) of the Application is still consistent with the Project with the addition of the new parcel. The soil types, slope, and percentages within the Project Area, including the new parcel, were included in the Supplement to the Application (Attachment N, Updated Table 21-5). Additionally, Figures 21-2 (Soil Types) and 21-4 (Seismic Hazards) submitted in the Application remain unchanged and accurate. Figures depicting existing slopes and bedrock within the Project Area have been updated to include the additional parcel and have been included herein as Attachment D and E, respectively. Slopes within the Project Area still range from 0-3% to >35%, with now 86.6% of the Project Area occurring on slopes less than 15% (an increase of 1% from the original proposed Project Area). Updated Table 21-2, below, presents the percent coverage that each slope range encompasses within the influenced drainage area.

Updated Table 21-2. Percent Coverage of Slope Ranges within Drainage Area

Slope Range (%)	Percent within Drainage Area (%)
0 – 3	16.3%
3 – 8	47.9%
8 – 15	22.4%
15 – 25	8.3%
25 – 35	2.8%
>35	2.3%
Total	100%

As the regional geology is consistent with the Project Area assessed in the Application and the new parcel is directly adjacent to the previous Project Area, many of the general characteristics of the new parcel will be similar to the existing area investigated. Due to work restrictions associated with the COVID-19 pandemic, a site-specific geotechnical analysis has not been completed on the new parcel. An Addendum to the Geotechnical Engineering Report completed for the new parcel will be submitted following the completion of field surveys conducted as soon as feasible. However, as noted above, due to the fact that the new parcel is adjacent to the Project Area where geotechnical analysis has already been completed, substantial deviations from the geological setting of the Project Area are unlikely.

Exhibit 22: Terrestrial Ecology and Wetlands

Wetlands and Vernal Pools

A desktop analysis to approximate wetland boundaries and stream locations was conducted for the new parcel. This analysis incorporated the interpretation of aerial imagery signatures, soils mapping, analysis of topography, and existing databases of wetland mapping maintained by the USFWS National Wetland Inventory and the NYSDEC. The locations of the predicted wetlands and streams on the new parcel are included herein as Attachment F. There are no NYSDEC freshwater wetlands or their 100-foot adjacent areas or NWI wetlands mapped on the new parcel; therefore, there will be no impact to NYSDEC wetlands. The predicted wetlands total 8.99 acres and 11 streams/drainage features are predicted. Streams/drainage features on the new parcel are classified as Class C streams or are tributaries to Class C streams. The Alternate Layout, therefore, results in no impacts to state-regulated wetlands and waterbodies and there will be no impacts to NYSDEC-protected waterbodies, which are regulated under Article 15 of the Environmental Conservation Law.

Where non-state regulated linear wetlands and streams are encountered and must be bisected by Project components, impacts will be minimized to the maximum extent practicable.. Solar array panel posts will be designed to span stream/drainage features and placed on either side of the stream/drainage feature to reduce any potential impact to waterbodies. Such impacts will be authorized under a Nationwide Permit from the US Army Corps of Engineers.

Due to work restrictions associated with the COVID-19 pandemic, a site-specific wetland delineation has not been completed on the new parcel. A complete wetland and stream delineation of the new parcel will be performed as soon as feasible and a final Wetland and Stream Delineation Report (included as Appendix 22-5 in the Application) will be submitted following completion of field work and analysis.

Vernal pools are typically found within upland forests, which comprise 36.65 acres of the new parcel. Due to work restrictions associated with the COVID-19 pandemic, a site-specific vernal pool survey has not been completed on the new parcel. Potential vernal pools on the site will be evaluated during the wetland and stream delineation of the new parcel, which will be performed as soon as feasible.

Winter Raptor Survey

A Winter Raptor Survey was performed on the new parcel from November 15, 2019 through March 30, 2020. The methodology for this survey was consistent with the survey conducted in the winter of 2018-2019 as described in Exhibit 22, Section 22(d)(3) in the Application. A single stationary survey location on the new parcel was surveyed for a totally of 15.75 survey hours completed over the course of ten visits to the location. No state-listed species were observed on the new parcel during the surveys. Four observations of raptors occurred, representing two raptor species, neither of which are listed species. Red-tailed hawks (*Buteo jamaicensis*), comprising three of the four observations, and a single barred owl (*Strix varia*) were documented. Three of the four observations occurred on March 11, 2020 (two red-tailed hawks and one barred owl), and the remaining observation occurred on December 16, 2019. TRC concluded that raptor use of the new parcel is low and it is not utilized by federally- and/or state-listed species. The findings of this study are consistent with the conclusions from the 2018-2019 study that raptor use of the entire High River Project Area is low. For a more detailed description of the wintering grassland raptor survey, please refer to the report included herein as Attachment G. Because of the confidentiality concerns surrounding this report, however, it has been redacted and will be furnished to the parties pursuant to the procedures contained in Protective Order.

Breeding Bird Survey

It was determined that a Grassland Breeding Bird Survey was not required for the new parcel due to the lack of suitable habitat in some portions of the parcel and the proximity of the parcel to previous survey points. Approximately 57.11 acres of the parcels are row crops (corn), 36.65 acres are forested, and 109.36 acres are hay fields. Of the 109.36 acres of hay fields, approximately 72.62 acres will be used for Project Components. The new parcel is directly adjacent to the existing Project Area and fields that have been surveyed. No observations of state-listed species were noted in the Breeding Bird Survey Dataset or Breeding Bird Atlas (Pardieck et al., 2015; NYS BBA, 2008) for this area. The new parcel includes fields that are directly adjacent to previously surveyed fields which mirror the habitat conditions present on the Envision Dairy parcel. Based on the previous findings, additional surveys will likely not yield new or conflicting information and the bird community observed would not differ from what has been previously recorded at the site.

Invasive Species

The new parcel contains plant communities found in the surrounding Project Area, i.e., agricultural land and forestland. Therefore, the invasive species expected to be found within the new parcel would include the same species identified in the Application. The species observed in the Project Area are listed as Tier 3 Containment or Tier 4 Local Control invasive plant species on the CRISP PRISM regional invasive species list. One Tier 3 Containment species, glossy buckthorn, was observed in the Project Area. Glossy buckthorn was primarily observed in areas of shrubland adjacent to agricultural land. Although there are no shrublands present on the new parcel, glossy buckthorn could be present within hedgerows and edges of forestland. Due to work restrictions associated with the COVID-19 pandemic, a site-specific invasive species survey has not been completed on the new parcel. A survey will be conducted concurrently with the wetland and stream delineation of the new parcel, which will be performed as soon as feasible.

Summary

The assessment of terrestrial ecology and wetlands discussed in the Application and Supplement to the Application remains unchanged and accurate apart from some impact calculations as a result of the Alternative Layout, site plans for which will be included in the May 22, 2020 submittal. The land cover types and acreages included in the Supplement to the Application (Attachment N, Updated Table 22-1) also remain unchanged by the updates to the Alternative Layout presented.

Exhibit 25: Effect on Transportation

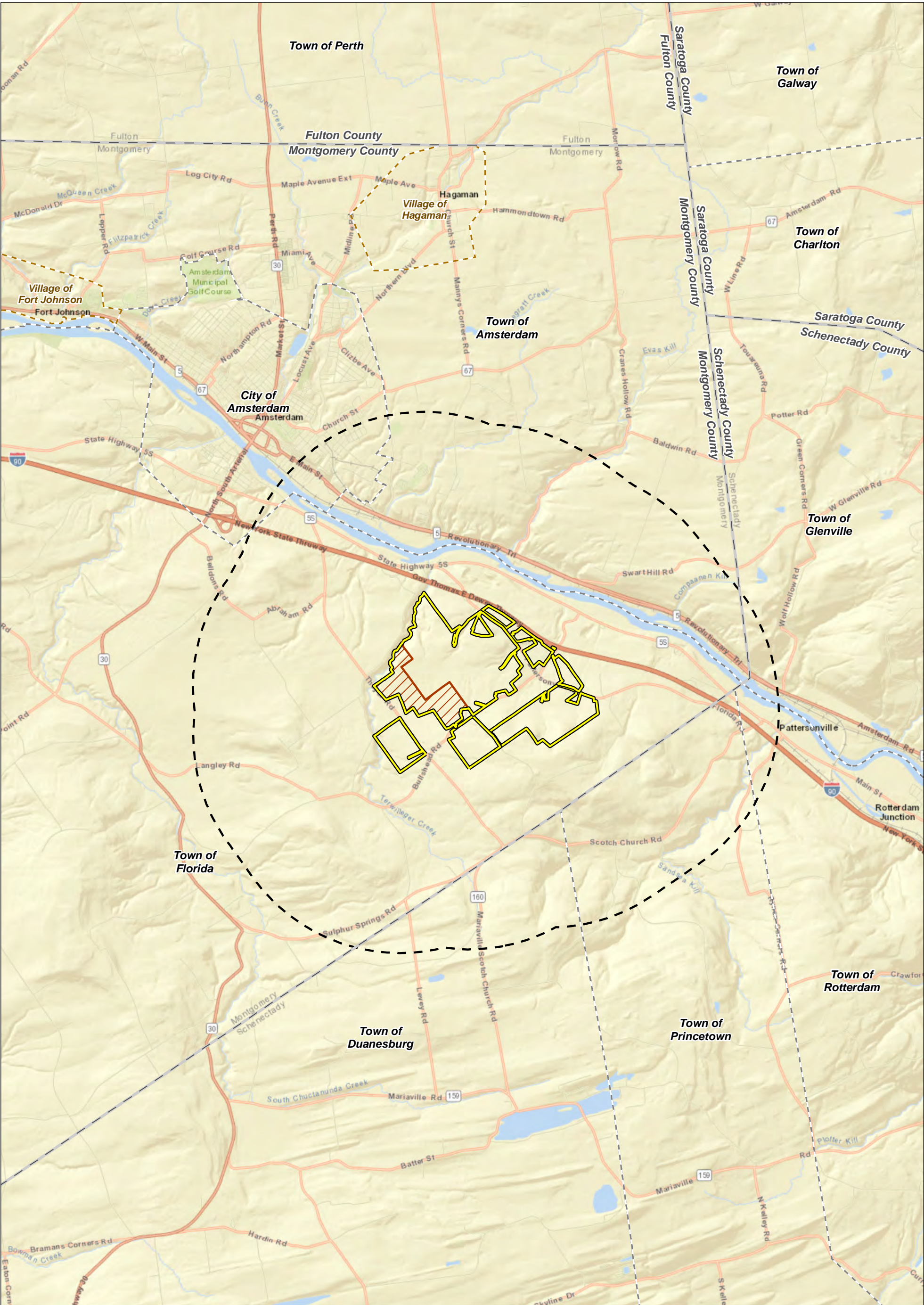
Access to the new parcel will be through existing arrays off of Hutchinson Road as will be depicted on the site plan drawings in Part 2 of this Updated Information for Alternative Layout (to be submitted on or about May 22, 2020). There will not be any impacts to Thayer Road as a result of the new parcel. Approximately the same number of panels and components will be delivered to the Project Site, therefore, the minimal impacts to traffic during the construction phase will remain the same as presented in the Application.

References

McGowan, K. J. and Corwin, K. J. 2008. The Second Atlas of Breeding Birds in New York State. Cornell University Press, Ithaca, NY.

Pardieck K. L. et al. 2015. North American Breeding Bird Survey Dataset 1966–2014, version 2014.0. U.S. Geological Survey, Patuxent Wildlife Research Center.
<https://www.pwrc.usgs.gov/bbs/rawdata/>. Accessed on July 19, 2019.

Attachment A. New Figure 2-2 Project Area and Study Area



Project Area

Envision Dairy Parcel

2-Mile Study Area

Village Boundary

Municipal Boundary

County Boundary

Data: NYS Office of Information Technology
Services, GIS Program Office, 2017
Base Map: Esri and its contributors

0

0.5

1

Miles

MAP LOCATION

PROJECT AREA AND STUDY AREA
HIGH RIVER ENERGY CENTER, LLC
TOWN OF FLORIDA, NY

REVISED FIGURE 2-1

MAY 2020

Map Produced by

Attachment B. Real Property Survey and Demonstration Applicant has
Obtained Rights for Additional Project Parcel

When recorded return to:
Orin Shakerdge
NextEra Energy Resources, LLC
700 Universe Blvd., LAW/JB
Juno Beach, FL 333408
(561) 694-4678

THIS SPACE FOR RECORDER'S USE ONLY

MEMORANDUM OF SOLAR OPTION, LEASE AND EASEMENT AGREEMENT

THIS MEMORANDUM OF SOLAR OPTION, LEASE AND EASEMENT AGREEMENT ("**Memorandum**"), is dated this 24 day of February, 2020 ("**Effective Date**"), by and between Envision Dairy LLC, a New York limited liability company whose address for notices is: 143 Ingersoll Road, NY 12072 ("**Owner**") and High River Energy Center, LLC, a Delaware limited liability company whose address for notices is: 700 Universe Blvd., Juno Beach, FL 33408, Attn: Land Services Administration ("**Operator**"). Each of Owner and Operator shall hereinafter be referred to individually as a "**Party**" and collectively as the "**Parties**".

RECITALS

WHEREAS, the Parties entered into a Solar Option, Lease and Easement Agreement dated as of the Effective Date ("**Agreement**"), by which Owner granted to Operator an exclusive option ("**Option**") for a Lease and one or more Easements over and across certain real property located in Montgomery County, New York, described on the attached **Exhibit A** as the "**Owner's Property**".

WHEREAS, the Parties desire to execute, deliver and record this Memorandum for the purpose of putting all persons on notice of Operator's right, title and interest in Owner's Property.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties do hereby state, declare and establish as follows:

1. **Defined Terms.** All capitalized terms used herein and not otherwise defined shall have the meaning given such terms in the Agreement and the terms, covenants and conditions of the Agreement are incorporated herein by reference with the same force and effect as though fully set forth herein.

2. **Option.** The period during which Operator may exercise the Option shall be for a term of five (5) years, commencing on the Effective Date ("**Option Term**"). Operator may exercise the Option by giving written notice to Owner ("**Option Notice**") at any time during the Option Term. Operator shall specify in the Option Notice the commencement date ("**Commencement Date**"). On the Commencement Date, the Lease and Easements in the Agreement shall automatically become effective, and Operator and Owner shall be subject to all of the terms and conditions of the Agreement with respect to such Lease Rights, Easements and all rights and obligations relating thereto.

3. **Lease Rights.** The Agreement between Owner and Operator leases the Owner Property to Operator to construct, operate and maintain the Improvements for a solar-powered electrical power generation and transmission project ("**Project**") and leases other rights including but not limited to, ingress and egress over Owner's Property to and from the Improvements, the installation of energy storage facilities, and for the purpose of surveying, testing and installing monitoring devices on Owner's Property, all in accordance with and subject to the terms of the Agreement.

4. **Term.** The initial term of the Lease and Easements shall end twenty-five (25) years after the Commencement Date. Operator has the right to extend the Term of the Agreement for two (2) consecutive terms of twelve (12) years each.

5. **Sun Non-Obstruction Easement.** The Agreement between Owner and Operator grants to Operator an irrevocable, exclusive easement for the right and privilege to use, maintain and capture the free and unobstructed sunlight over and across the Owner's Property ("**Sun Non-Obstruction Easement**"). Owner shall not engage in any activity on Owner's Property or any other neighboring property owned by Owner that might interfere with the sunlight direction over any portion of Owner's Property; cause a decrease in the output or efficiency of any Solar Panel or Weather Instrument; or otherwise interfere with Operator's operation of the Project or exercise of any rights granted in this Agreement.

6. **Effects Easement.** The Agreement between the Parties grants to Operator a non-exclusive easement over Owner's Property for visual, view, light, flicker, noise, shadow, vibration, electromagnetic, electrical and radio frequency interference, and any other effects attributable to the Project located on the Owner's Property.

7. **Exclusive Rights.** The Agreement between the Parties provides Operator shall have the exclusive right (i) to use and possess the Owner Property in connection with the Project and other similar sun-powered electrical power generation projects; (ii) to use and convert all of the sunlight resources on the Owner's Property; and (iii) to undertake such other activities on the Owner's Property that may be related to the Project, including, without limitation, the storage of Solar Panels, materials and equipment during the installation and construction of the Improvements; development and operation of communications systems; and site tours of the Project for visitors and other interested parties.

8. **Memorandum Interpretation.** This Memorandum is not a complete summary of the Agreement and the statements contained in this Memorandum shall not be used in interpreting the actual provisions of the Agreement. In the event of conflict between this Memorandum and the Agreement, the terms and provisions of the Agreement shall control.

[Signatures on Next Pages]

EXECUTED on the date set forth below.

Owner:

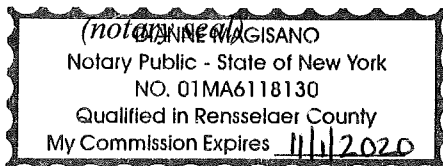
Envision Dairy, LLC,
a New York limited liability company

By: Patrick Hanehan
Patrick Hanehan, Manager and Chairman

ACKNOWLEDGEMENT

STATE OF NEW YORK)
) ss:
COUNTY OF MONTGOMERY)

On the 10th day of February, in the year 2020, before me, the undersigned, a Notary Public in and for the said State of New York, personally appeared Patrick Hanehan, Manager and Chairman of Envision Dairy, LLC, personally known to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.



[Signature]
NOTARY PUBLIC, STATE OF NEW YORK

My commission expires: 11/1/2020

EXECUTED on the date set forth below.

Owner:

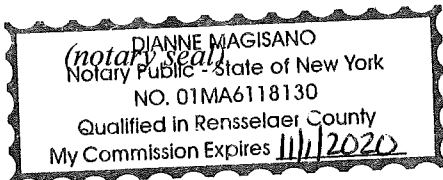
Envision Dairy, LLC,
a New York limited liability company

By: Roy M. Dykeman
Roy M. Dykeman, Manager

ACKNOWLEDGEMENT

STATE OF NEW YORK)
) ss:
COUNTY OF MONTGOMERY)

On the 10th day of February, in the year 2020, before me, the undersigned, a Notary Public in and for the said State of New York, personally appeared Roy M. Dykeman, Manager of Envision Dairy, LLC, personally known to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.



Dianne Magisano
NOTARY PUBLIC, STATE OF NEW YORK

My commission expires: 11/1/2020

EXECUTED on the date set forth below.

Owner:

Envision Dairy, LLC,
a New York limited liability company

By: Eugene Bargstedt
Eugene Bargstedt, Manager

ACKNOWLEDGEMENT

STATE OF ^{Florida} ~~NEW YORK~~)
COUNTY OF ^{Volusia} ~~MONTGOMERY~~) ss:

On the 13th day of February, in the year 2020, before me, the undersigned, a Notary Public in and for the said State of New York, personally appeared Eugene Bargstedt, Manager of Envision Dairy, LLC, personally known to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

(notary seal)



Laura Sheets
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG123841
Expires 7/13/2021

Laura Sheets
NOTARY PUBLIC, STATE OF ~~NEW YORK~~ Florida

My commission expires: 07/13/2021

EXECUTED on the date set forth below.

Owner:

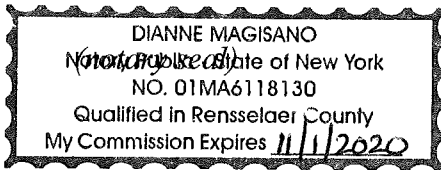
Envision Dairy, LLC,
a New York limited liability company

By: Samuel C. Cotrell
Samuel C. Cotrell, Manager

ACKNOWLEDGEMENT

STATE OF NEW YORK)
) ss:
COUNTY OF MONTGOMERY)

On the 10 day of February, in the year 2020, before me, the undersigned, a Notary Public in and for the said State of New York, personally appeared Samuel C. Cotrell, Manager of Envision Dairy, LLC, personally known to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.



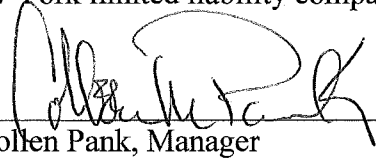
[Signature]
NOTARY PUBLIC, STATE OF NEW YORK

My commission expires: 11/1/2020

EXECUTED on the date set forth below.

Owner:

Envision Dairy, LLC,
a New York limited liability company

By: 
Collen Pank, Manager

ACKNOWLEDGEMENT

STATE OF NEW YORK)
) ss:
COUNTY OF MONTGOMERY)

On the 10th day of February, in the year 2020, before me, the undersigned, a Notary Public in and for the said State of New York, personally appeared Collen Pank, Manager of Envision Dairy, LLC, personally known to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her capacity, and that by her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

(notary seal)

JANINE A. DYKEMAN
Notary Public, State of New York
No. 01DY6140424
Qualified in Montgomery County
Commission Expires January 30, 2022


NOTARY PUBLIC, STATE OF NEW YORK

My commission expires: 1.30.2022

EXHIBIT A

Legal Description of Owner's Property

ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Florida, County of Montgomery, and State of New York, bounded and described as follows: BEGINNING in the center of the public highway at the corner of the lands of the late James Casey and lands of Alexander Milmine, and running thence North 27° 30' West, 939 feet; thence North 75° 5' West, 432 feet; thence North 67° 15' West, 263 feet; thence North 62° 10' West, 97 feet; thence North 55° West, 113 feet; thence North 65° West, 102 feet; thence North 87° West, 40 feet; thence South 35° 20' West, 138¾ feet; thence South 52° 10' West, 93¼ feet; thence North 86° 30' West, 78½ feet; thence North 55° West 76 feet to the center of the arch stone bridge over Terwillegar Creek; thence along the center of said creek as follows: North 43° 55' East, 208 feet; thence North 17° 47' East, 159 feet; thence North 2° 30' East, 165½ feet; thence North 14° 40' West, 329 feet; thence (leaving said creek) North 64° East, 1504 feet; thence North 64° 30' East 514 feet to the center of a gully; thence along the center of said gully North 33° 40' West, 60 feet; thence North 45° 50' West, 308.9 feet to the center of the Terwillegar Creek; thence along the center of said creek as it winds and turns North 15° West, 68.24 feet; thence North 13° 40' East, 200.64 feet; thence North 60° 10' East, 205.92 feet; thence North 21° 25' East, 362.34 feet; thence North 38° 40' East, 303.3 feet; thence North 8° 10' West, 102.96 feet; thence North 63° 55' East, 95.7 feet; thence South 53° 20' East, 251.46 feet; thence North 15° 40' East 177.54 feet to the Southwesterly line of Lot No. 3; thence along the same South 27° East, 999.9 feet; thence South 64° 30' West, 800 feet; thence South 26° East, 2358 feet; thence South 64° 27' West, 1810 feet to the place of beginning.

EXCEPTING from the above described premises that portion thereof conveyed by William S. Milmine and wife, to Moses Newburger by Deed recorded in the Montgomery County Clerk's Office in Volume 121 at Page 444 and the premises sold and conveyed to the County of Montgomery by Deed recorded in said Clerk's Office Volume 229 at Page 73, and the premises conveyed to Ernest Beyer and wife by Deed recorded in said Clerk's Office Volume 246 at Page 294; and more particularly described as follows: ALL THAT TRACT OR PARCEL OF LAND situate in the Town of Florida, County of Montgomery and State of New York, bounded and described as follows: Commencing at the corner formed by the intersection of the Westerly margin of the new public highway leading from Amsterdam to Mariaville with the Northerly margin of the highway leading to Morris Corners and running thence Westerly along the Northerly margin of said highway leading to Morris Corners to the center of Terwilliger Creek; thence Northerly and Northeasterly along the center of said Terwilliger Creek to the Westerly margin of the aforesaid new highway leading from Amsterdam to Mariaville and thence in a Southerly direction along the Westerly margin of said new highway to the point or place of beginning; being a triangular piece of land bounded on the East by the said new highway leading from Amsterdam to Mariaville; on the North and West by the center of Terwilliger Creek and on the South by the highway leading to Morris Corners and containing approximately eight acres of land be the same more or less; it being all of the lands lying westerly of the aforesaid new highway leading from Amsterdam to Mariaville.

ALSO, EXCEPTING AND RESERVING from the within described, ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Florida, County of Montgomery, and State of New York, bounded and described as follows: BEGINNING at a point in the Easterly margin of the public highway leading from the City of Amsterdam to Scotch Church at a point where the same is intersected by the Northerly line of lands reputed to be owned by Jasper Sweet and running thence Easterly along the Northerly line of said Sweet's lands 419 feet to a stake; thence Northerly along lands of Joseph Langley and Bernard Langley 1202 feet to a stone monument which is located a distance of 774 feet Easterly of the Easterly margin of the aforesaid highway; thence Westerly along the lands of said Langley 774 feet to a point in the Easterly margin of the aforesaid highway and running thence Southerly along the Easterly margin of the said highway a distance of 1293 feet to the point and place of beginning.

ALSO ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Florida, County of Montgomery, and State of New York, bounded and described as follows: COMMENCING in the Westerly margin of the lands, now or formerly, of H. Steel where the same in the lands of one Hutchinson, and runs thence South 21° 58' East, 1899 feet; thence South 83° 07' East, 1580 feet; thence South 86° 30' East, 385.5 feet; thence North 21° 51' West, 231 feet; then South 81° 51' West, 916.5 feet to the lands, now or formerly, of one Sweet; thence North 22° 51' West, 546.3 feet to the lands, now or formerly, of Range; thence North 67° 51' East, 900.5 feet; thence North 67° 47' East, 1232 feet; thence North 66° 55' East 516 feet to the place of beginning.

A more modern description of above described premises is as follows:

ALSO ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Florida, County of Montgomery, and State of New York, bounded and described as follows: COMMENCING in the Westerly boundary of lands, now or formerly of H. Steel where the same intersects the lands of one Hutchinson, and runs thence South 21° 58' East, 1899 feet; thence North 83° 07' East, 1580 feet; thence South 86° 30' West, 385.5 feet; thence North 21° 51' West, 231 feet; thence South 81° 51' West, 916.5 feet to the lands, now or formerly, of one Sweet; thence North 22° 51' West, 546.3 feet to the lands, now or formerly, of Range; thence North 67° 51' East, 900.5 feet; thence North 67° 47' East, 1232 feet; thence North 66° 55' East, 516 feet to the place of beginning, which parcel was erroneously described in prior deeds.

EXCEPTING AND RESERVING premises conveyed by Joseph Langley and Anna F. Langley, his wife, to Richard L. DiScenza and Peggy D. Discenza, his wife, by Warranty Deed dated July 3, 1946 and recorded in the Montgomery County Clerk's Office on July 8, 1946, in Volume 264 at Page 167, and more particularly described as follows: ALL THAT TRACT OR PARCEL OF LAND situate in the Town of Florida, County of Montgomery and State of New York, bounded and described as follows: BEGINNING at a point in the Easterly margin of the public highway leading from the City of Amsterdam to Scotch Church at a point where the same is intersected by the Northerly line of lands reputed to be owned by Jasper Sweet and running thence Easterly along the Northerly line of said Sweet's lands 419 feet to a stake; thence Northerly along lands conveyed to Bernard Langley, et ano 1202 feet to a stone monument which is located a distance of 774 feet Easterly of the Easterly margin of the aforesaid highway; thence Westerly along the lands of said Langley 774 feet to a point in the Easterly margin of said

highway and running thence Southerly along the Easterly margin of the aforesaid highway a distance of 1293 feet to the point or place of beginning.

ALSO, EXCEPTING AND RESERVING therefrom the premises conveyed by Kenneth K. Adams Sr. and Sheila R. Adams, his wife, to Kenneth K. Adams Jr. and Heather D. Adams, his wife, by Warranty Deed dated April 3, 1987 and recorded and the Montgomery County Clerk's Office on April 15, 1987, in Book 471 of Deeds at Page 107, as follows:

ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Florida, County of Montgomery, and State of New York, bounded and described as follows: BEGINNING at a point in the Southerly boundary of Langley Road, said point being South 72° 27' West, along said Southerly boundary of Langley Road, a distance of 229.7 feet from the Westerly boundary of lands, now or formerly, of Oscar Westerling and Catherine Westerling; running thence through lands, now or formerly, of Kenneth K. Adams and Sheila R. Adams the following three courses and distances: South 21° 25' East, a distance of 258.9 feet to a point; South 77° 57' West, a distance of 162.0 feet to a point; North 25° 16' West, a distance of 261.2 feet to a point in the aforementioned Southerly boundary of Langley Road; thence North 77° 35' East, along said southerly boundary of Langley Road, a distance of 179.6 feet to the point and place of beginning. Containing 1.00± acre of land.

ALSO, ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Florida, County of Montgomery, and State of New York, bounded and described as follows: BEGINNING at a point in the Southerly boundary of Langley Road, said point also being in the Westerly boundary of lands, now or formerly, of Henry Kartner and Irene Kartner; running thence South 21° 27' East, along said Westerly boundary of Kartner, a distance of 200.0 feet to a point; thence through lands, now or formerly of Bernard A. Langley and Joseph W. Langley the following two courses and distances: South 68° 33' West a distance of 275.0 feet to a point; North 21° 27' West, a distance of 200.0 feet to a point in the aforementioned Southerly boundary of Langley Road; thence North 68° 33' East, along said Southerly boundary of Langley Road, a distance of 275.0' feet to the point and place of beginning.

ALSO ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Florida County of Montgomery, and State of New York, bounded and described as follows: BEGINNING at a point in the Southerly boundary of lands, now or formerly, of Joseph Greco (formerly Lawton) said point being the Westerly boundary of lands, now or formerly, of Anthony Warren and Florence Warren; running thence South 21° 27' East, along said Westerly boundary of Warren, a distance of 138.0 feet to a point; thence through lands, now or formerly, of Bernard Langley and Joseph Langley the following two courses and aforementioned Southerly boundary of Langley Road; thence North 68° 33' East, along said Southerly boundary of Langley Road a distance of 275.0 feet to the point and place of beginning.

ALSO, ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Florida, County of Montgomery, and State of New York, bounded and described as follows: BEGINNING at a point in the Southerly boundary of lands, now or formerly, of Joseph Greco (formerly Lawton) said point also being in the Westerly boundary of lands, now or formerly, of Anthony Warren and Florence Warren; running thence South 21° 27' East, along said Westerly boundary of

Warren, a distance of 138.0 feet to a point; thence through lands, now or formerly, of Bernard Langley and Joseph Langley the following two courses and distances: South $68^{\circ} 33'$ West, a distance of 441.0 feet to a point; North $17^{\circ} 07'$ West, a distance of 168.6 feet to a point in the Easterly boundary of lands, now or formerly, of Thomas Langley and Eleanor Langley; thence along lands, now or formerly, of said Thomas Langley and Eleanor Langley the following two courses and distances: North $77^{\circ} 42'$ East, a distance of 17.0 feet to a point; North $18^{\circ} 19'$ West, a distance of 166.5 feet to a point in the Southerly boundary of Langley Road; thence North $68^{\circ} 33'$ East, along said Southerly boundary of Langley Road, a distance of 12.4 feet to a point in the Westerly boundary of lands, now or formerly, of Bernard Langley and Charlene Langley; thence South $21^{\circ} 27'$ East, along said Westerly boundary of lands, now or formerly, of Bernard Langley and Charlene Langley, a distance of 193.7 feet to a point; thence North $68^{\circ} 33'$ East, along lands, now or formerly of Bernard Langley and Charlene Langley and continuing along the aforementioned Southerly boundary of lands now or formerly, of Joseph Greco, a distance of 390.0 feet to the point and place of beginning.

Attachment C. Addendum to the Pre-Construction Noise Impact
Assessment



High_River_Solar_Sound_Modeling_Addendum_2020513.docx

PRINCIPALS

Theodore A Barten, PE
Margaret B Briggs
Dale T Raczynski, PE
Cindy Schlessinger
Lester B Smith, Jr
Robert D O'Neal, CCM, INCE
Michael D Howard, PWS
Douglas J Kelleher
AJ Jablonowski, PE
Stephen H Slocumb, PE
David E Hewett, LEED AP
Dwight R Dunk, LPD
David C Klinch, PWS, PMP
Maria B Hartnett
Richard M Lampeter, INCE
Geoff Starsiak, LEED AP BD+C
Marc Bergeron, PWS, CWS

ASSOCIATES

Alyssa Jacobs, PWS
Holly Carlson Johnston
Brian Lever

3 Mill & Main Place, Suite 250
Maynard, MA 01754
www.epsilonassociates.com

978 897 7100

FAX 978 897 0099

May 13, 2020

Ms. Samantha Kranes
TRC Companies
215 Greenfield Parkway, Suite 102
Liverpool, NY 13088

Subject: Revisions to the High River Energy Center Sound Modeling – Alternative Layout

Dear Ms. Kranes:

On February 18, 2020, High River Energy Center, LLC (the Applicant) submitted its Supplement to the Application for the High River Energy Center (the Project). Included with the submission was an updated layout, based upon feedback from the Applicant's PIP Plan, that was identified as the Alternative Layout. The Alternative Layout included a new parcel that the Applicant had recently acquired and eliminated panels from other project parcels. The purpose of the assessment contained herein is to update the sound modeling results for the project based upon the Alternative Layout. Since the sound level analysis presented in the Supplement (in an addendum letter dated January 30, 2020 prepared by Epsilon and included as Attachment L 'Addendum to the Pre-Construction Noise Impact Assessment') the total quantity of inverters and the inverter type proposed for the Project have not changed, and the location of the project substation has not changed. The attached Figure 1 provides an aerial locus showing the Alternative Layout's inverter locations and project substation, and modeling receptors.

The Alternative Layout for the Project has been modeled along with the proposed collector substation to predict the worst-case sound levels due to the operation of the facility. The same software package (Cadna/A) that was used for the previous analyses was used to predict these sound levels. Participation status for all modeling receptors has remained the same from the previous analyses.

Sound level modeling was performed at the same 389 receptors presented in the Applicant's Article 10 Application (see Appendix 19-1 'High River Energy Center Pre-Construction Sound Level Impact Assessment' dated October 2, 2019) and the Supplement referenced above. The original analysis required sound barrier walls around

two of the project inverters in order to achieve compliance with the 1-hour L_{eq} noise design goal of 42 dBA at non-participating receptors. This Alternative Layout meets the noise design goals without using sound barriers.

An updated Table E-1 and E-1.1 from the previous analysis is attached showing the results at discrete points. An updated modeling results figure is also attached (Figure 2).

As shown in the tables, the highest modeled L_{eq} sound level at a non-participating receptor is 42 dBA at receptors #81, #154, and #253. The highest modeled L_{eq} sound level at a participating receptor is 46 dBA at receptor #108. Therefore, the predicted worst-case 1-hour L_{eq} sound levels from the High River Energy Center using the Alternative Layout are at or below the 1-hour L_{eq} design goals of 42 dBA for non-participating receptors and 52 dBA for participating receptors at all modeled locations.

If you have any questions on this report, please feel free to contact me at RCallahan@EpsilonAssociates.com or by phone at (978) 461-6229.

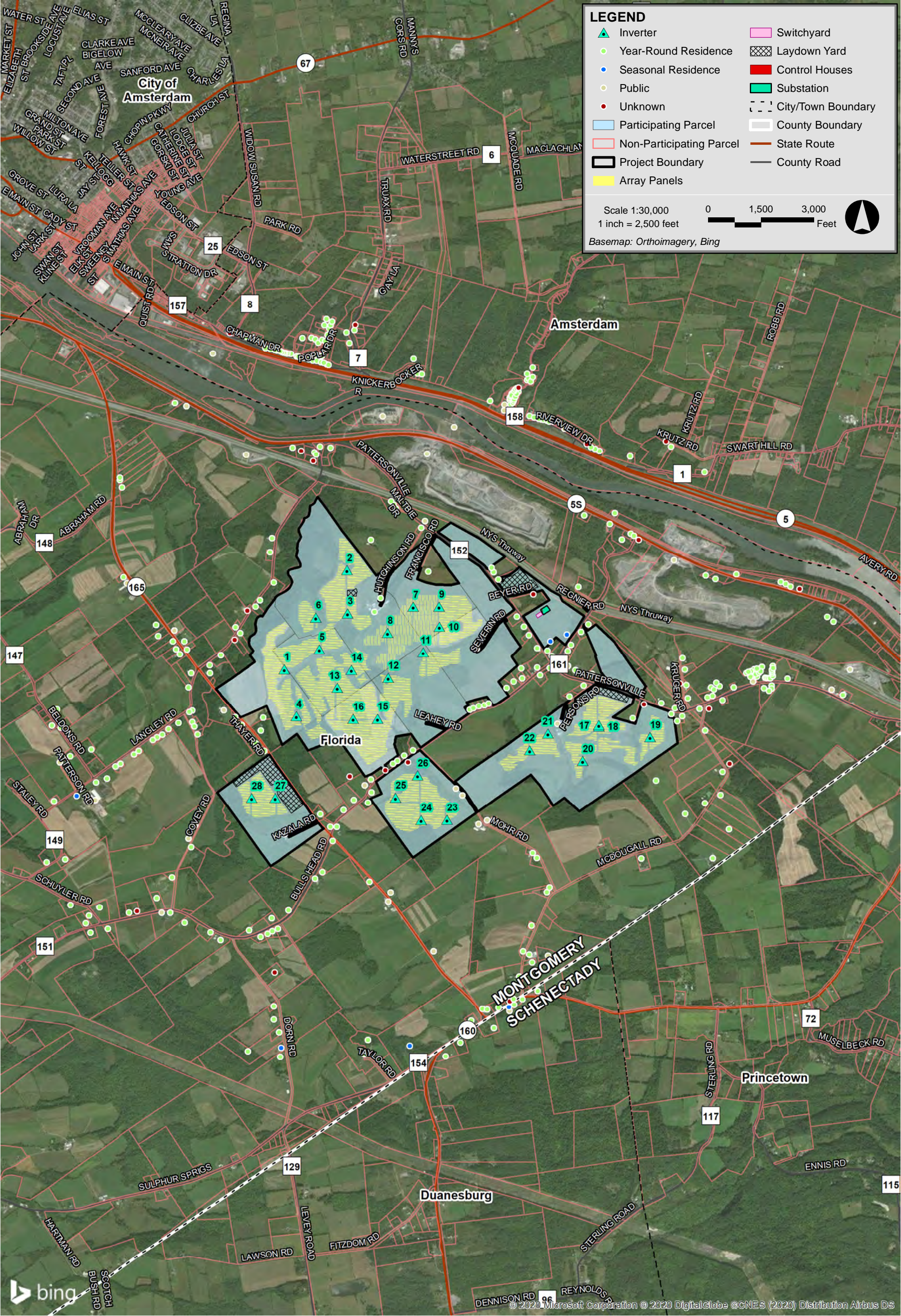
Sincerely,

EPSILON ASSOCIATES, INC.



Ryan Callahan, INCE
Senior Engineer

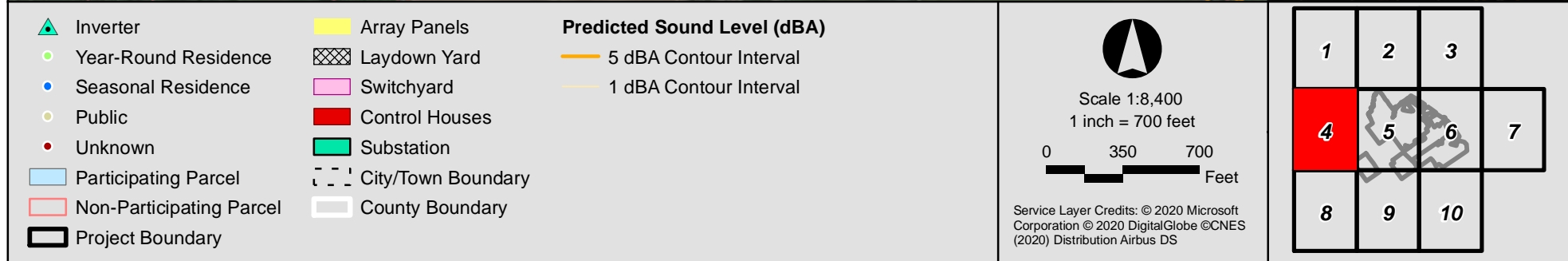
Attachments: Figure 1, Figure 2, Tables E-1, E-1.1

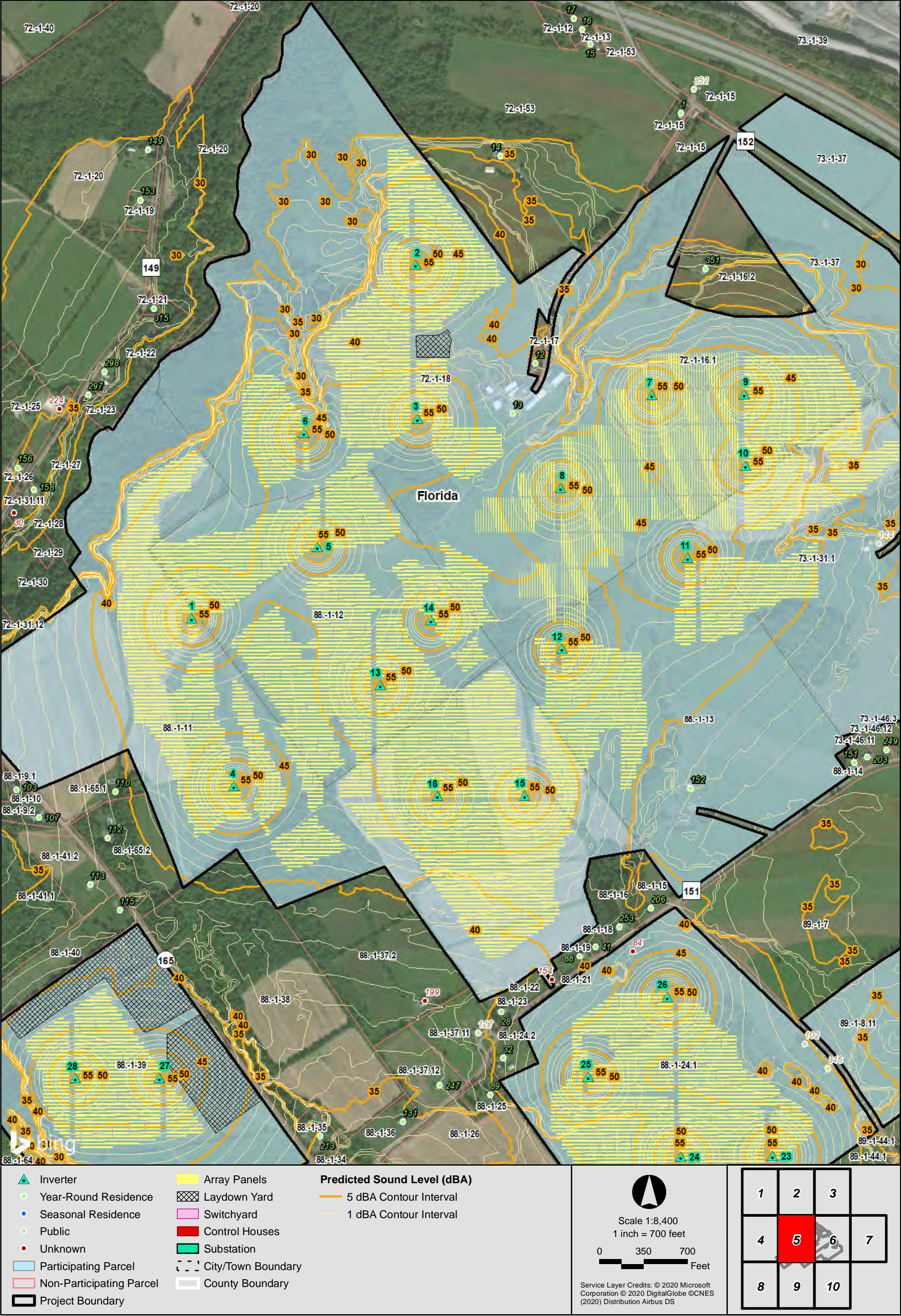


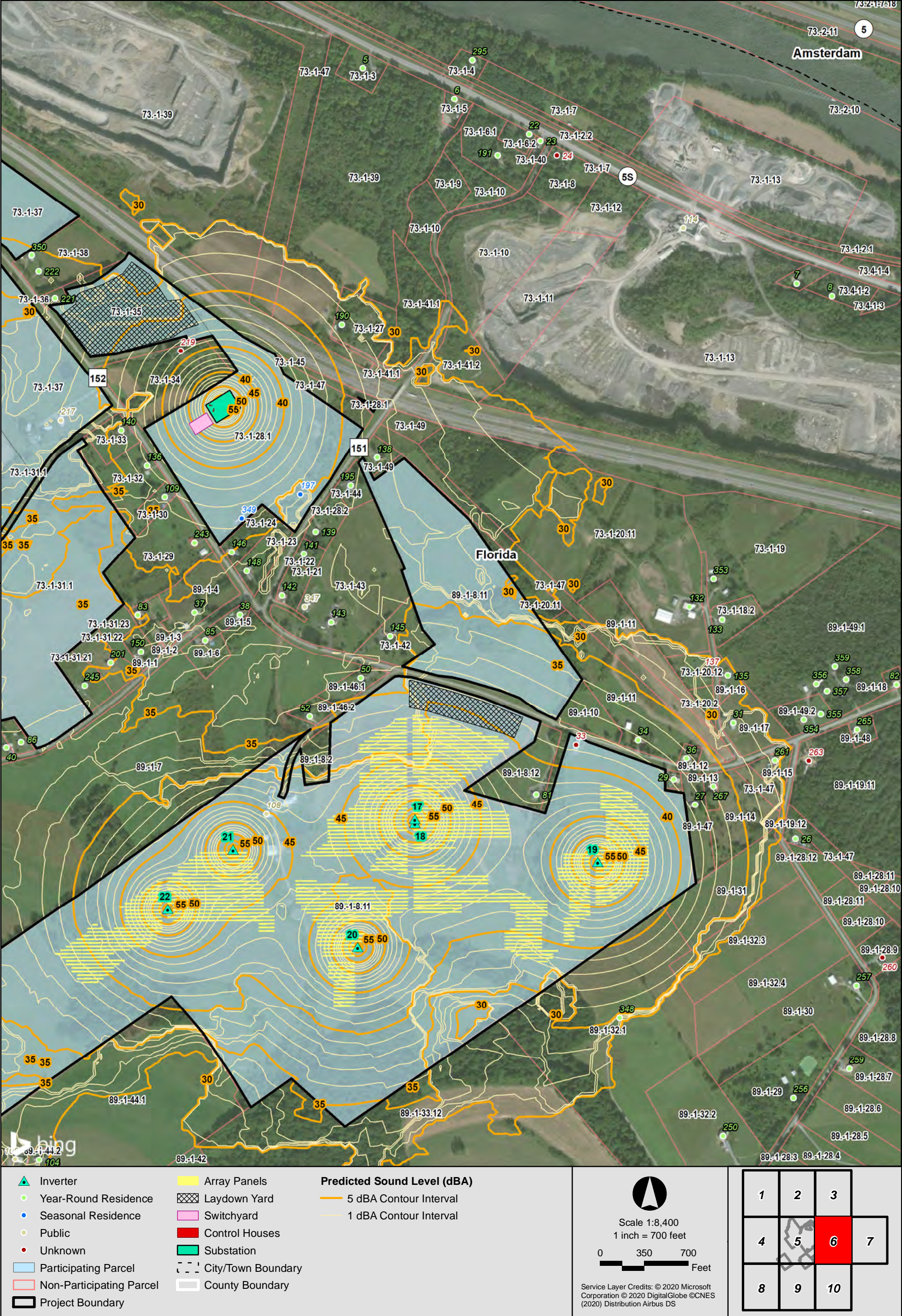
















<ul style="list-style-type: none">InverterYear-Round ResidenceSeasonal ResidencePublicUnknownParticipating ParcelNon-Participating ParcelProject Boundary	<ul style="list-style-type: none">Array PanelsLaydown YardSwitchyardControl HousesSubstationCity/Town BoundaryCounty Boundary	<p>Predicted Sound Level (dBA)</p> <ul style="list-style-type: none">5 dBA Contour Interval1 dBA Contour Interval	<div><div></div><p>Scale 1:8,400 1 inch = 700 feet</p><div><div>0</div><div>350</div><div>700</div></div><p>Feet</p><p>Service Layer Credits: © 2020 Microsoft Corporation © 2020 DigitalGlobe © CNES (2020) Distribution Airbus DS</p></div>	<table><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>8</td><td>9</td><td>10</td></tr></table>	1	2	3	4	5	6	8	9	10
1	2	3											
4	5	6											
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<ul style="list-style-type: none">InverterYear-Round ResidenceSeasonal ResidencePublicUnknownParticipating ParcelNon-Participating ParcelProject Boundary	<ul style="list-style-type: none">Array PanelsLaydown YardSwitchyardControl HousesSubstationCity/Town BoundaryCounty Boundary	<p>Predicted Sound Level (dBA)</p> <ul style="list-style-type: none">5 dBA Contour Interval1 dBA Contour Interval	<div><div></div><p>Scale 1:8,400 1 inch = 700 feet</p><div><div>0</div><div>350</div><div>700</div></div><p>Feet</p><p>Service Layer Credits: © 2020 Microsoft Corporation © 2020 DigitalGlobe ©CNES (2020) Distribution Airbus DS</p></div>	
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Table E-1: Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-hr Leq (dBA) ¹	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			UTM NAD83 Zone 18N (meters)				Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)			16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
1	Year-Round Residence	Non-Participating	569876.41	4751052.94	27	28	27	40	31	28	26	22	14	0	0	0
2	Year-Round Residence	Non-Participating	569091.67	4751745.20	20	24	22	35	25	22	19	13	0	0	0	0
3	Unknown	Non-Participating	568943.15	4751628.92	24	27	26	39	28	25	23	19	10	0	0	0
4	Year-Round Residence	Non-Participating	568765.88	4751745.05	20	23	22	35	25	22	19	12	0	0	0	0
5	Year-Round Residence	Non-Participating	571282.83	4751161.05	18	23	22	34	25	20	17	11	0	0	0	0
6	Year-Round Residence	Non-Participating	571504.09	4751087.43	21	24	22	35	27	23	20	13	0	0	0	0
7	Year-Round Residence	Non-Participating	572330.47	4750641.72	20	23	21	35	26	22	19	13	0	0	0	0
8	Year-Round Residence	Non-Participating	572415.54	4750611.42	19	23	21	34	25	21	18	11	0	0	0	0
9	Year-Round Residence	Non-Participating	572979.30	4750586.96	18	21	19	33	24	20	17	10	0	0	0	0
10	Year-Round Residence	Non-Participating	573021.10	4750568.21	18	21	19	33	24	20	17	10	0	0	0	0
11	Year-Round Residence	Non-Participating	573062.52	4750545.30	18	21	19	33	23	20	17	10	0	0	0	0
12	Year-Round Residence	Non-Participating	569524.01	4750447.60	40	41	39	53	40	36	37	36	33	21	0	0
13	Year-Round Residence	Participating	569470.27	4750326.39	44	45	43	57	43	38	39	40	37	26	5	0
14	Year-Round Residence	Non-Participating	569440.20	4750949.47	35	38	36	50	35	32	32	31	26	9	0	0
15	Year-Round Residence	Non-Participating	569657.94	4751219.48	24	27	25	39	29	26	23	18	8	0	0	0
16	Year-Round Residence	Non-Participating	569637.22	4751255.05	24	27	25	39	29	26	23	18	8	0	0	0
17	Year-Round Residence	Non-Participating	569616.81	4751281.68	25	27	25	39	29	26	24	19	9	0	0	0
18	Year-Round Residence	Non-Participating	569001.55	4751753.69	22	24	23	36	27	24	21	16	6	0	0	0
19	Year-Round Residence	Non-Participating	568953.46	4751703.03	21	24	23	36	26	23	20	14	2	0	0	0
20	Year-Round Residence	Non-Participating	568968.94	4751687.04	21	24	23	36	26	23	20	14	2	0	0	0
21	Unknown	Non-Participating	568839.30	4751716.12	20	24	22	36	26	23	20	14	1	0	0	0
22	Year-Round Residence	Non-Participating	571684.32	4751002.03	20	24	22	35	27	22	20	13	0	0	0	0
23	Year-Round Residence	Non-Participating	571711.42	4750985.73	21	24	22	35	27	23	21	15	2	0	0	0
24	Unknown	Non-Participating	571751.21	4750950.58	21	24	22	35	27	23	21	15	2	0	0	0
25	Unknown	Non-Participating	573141.34	4750526.06	17	21	19	32	23	19	16	10	0	0	0	0
26	Year-Round Residence	Non-Participating	572327.57	4749300.33	28	29	28	41	30	27	26	23	17	0	0	0
27	Year-Round Residence	Non-Participating	572084.90	4749382.45	38	39	37	51	37	32	34	34	31	19	0	0
28	Year-Round Residence	Non-Participating	569441.95	4748878.66	40	42	40	54	40	35	37	37	33	21	0	0
29	Year-Round Residence	Non-Participating	572033.45	4749443.89	38	39	38	51	38	32	34	34	31	19	0	0
30	Unknown	Non-Participating	568264.94	4750086.08	36	39	38	51	35	31	32	32	26	8	0	0
31	Year-Round Residence	Non-Participating	572177.45	4749579.83	33	36	35	48	33	29	30	30	25	8	0	0
32	Year-Round Residence	Non-Participating	569446.59	4748766.97	41	42	40	54	41	35	37	37	34	23	3	0
33	Unknown	Participating	571797.79	4749526.97	39	40	38	52	39	33	35	35	32	19	0	0
34	Year-Round Residence	Non-Participating	571947.48	4749538.14	37	39	37	51	37	32	33	33	30	17	0	0
35	Year-Round Residence	Non-Participating	569111.71	4748348.90	30	31	30	44	32	29	28	26	20	0	0	0
36	Year-Round Residence	Non-Participating	572064.46	4749493.97	36	38	37	50	36	31	33	33	29	16	0	0
37	Year-Round Residence	Non-Participating	570876.79	4749847.02	35	37	36	48	37	32	33	30	25	5	0	0
38	Year-Round Residence	Non-Participating	570986.36	4749841.17	33	36	34	46	36	32	32	29	23	3	0	0
39	Year-Round Residence	Non-Participating	568959.03	4748022.54	28	30	28	42	30	27	26	23	17	0	0	0
40	Year-Round Residence	Non-Participating	570421.97	4749520.25	36	39	37	51	36	32	33	33	27	7	0	0
41	Year-Round Residence	Non-Participating	569669.89	4749038.11	41	42	41	55	41	36	37	37	34	24	3	0
42	Year-Round Residence	Non-Participating	567888.53	4749797.92	32	37	35	49	32	28	29	28	20	0	0	0
43	Unknown	Non-Participating	568611.35	4747212.27	20	23	21	35	25	22	19	14	1	0	0	0
44	Year-Round Residence	Non-Participating	568489.11	4747519.28	22	24	22	36	26	23	21	16	5	0	0	0
45	Year-Round Residence	Non-Participating	570790.46	4752329.08	18	22	20	33	24	20	17	11	0	0	0	0
46	Year-Round Residence	Non-Participating	568550.20	4747544.78	22	24	22	36	26	23	21	16	6	0	0	0
47	Year-Round Residence	Non-Participating	567865.22	4749673.74	32	36	35	49	32	28	29	28	20	0	0	0
48	Year-Round Residence	Non-Participating	568591.16	4747567.45	22	24	22	36	26	24	21	16	6	0	0	0
49	Year-Round Residence	Non-Participating	568639.14	4747589.76	22	24	22	36	26	24	21	16	7	0	0	0
50	Year-Round Residence	Non-Participating	571277.88	4749688.74	34	35	34	47	36	33	32	30	25	10	0	0
51	Year-Round Residence	Non-Participating	568847.72	4752520.66	19	23	22	35	24	20	18	12	0	0	0	0
52	Year-Round Residence	Non-Participating	571154.45	4749594.94	34	35	33	46	36	33	33	30	25	11	0	0
53	Year-Round Residence	Non-Participating	568629.50	4752581.95	18	24	22	36	24	20	17	12	0	0	0	0
54	Year-Round Residence	Non-Participating	568612.37	4752587.89	18	24	22	36	23	20	17	12	0	0	0	0
55	Year-Round Residence	Non-Participating	568576.83	4752594.95	18	24	22	36	23	20	17	11	0	0	0	0
56	Year-Round Residence	Non-Participating	568859.35	4752517.94	19	23	22	35	24	20	18	12	0	0	0	0
57	Year-Round Residence	Non-Participating	568531.64	4752604.53	18	24	23	36	23	20	17	11	0	0	0	0
58	Year-Round Residence	Non-Participating	568465.27	4752673.67	18	25	24	37	23	19	17	12	0	0	0	0
59	Year-Round Residence	Non-Participating	572321.59	4751532.72	22	30	28	41	26	21	21	16	0	0	0	0
60	Seasonal Residence	Non-Participating	568418.64	4752696.33	18	26	24	38	23	19	17	11	0	0	0	0
61	Year-Round Residence	Non-Participating	568875.55	4752518.54	19	23	22	35	24	20	18	12	0	0	0	0
62	Seasonal Residence	Non-Participating	568398.88	4752701.37	18	26	24	38	23	19	17	11	0	0	0	0
63	Year-Round Residence	Non-Participating	568369.11	4752701.07	18	25	23	37	23	19	17	11	0	0	0	0
64	Year-Round Residence	Non-Participating	570913.76	4751988.61	21	27	25	39	26	22	20	15	0	0	0	0
65	Year-Round Residence	Non-Participating	569082.07	4752771.90	20	29	27	41	24	20	19	14	0	0	0	0
66	Year-Round Residence	Non-Participating	568907.64	4752505.78	19	23	22	35	24	20	18	12	0	0	0	0
67	Year-Round Residence	Non-Participating	569092.69	4752804.29	20	28	27	41	24	20	19	14	0	0	0	0
68	Year-Round Residence	Non-Participating	568800.97	4752532.63	19	23	22	35	24	20	18	12	0	0	0	0
69	Year-Round Residence	Non-Participating	568815.67	4752529.72	19	23	22	35	24	20	18	12	0	0	0	

Table E-1: Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-hr Leq (dBA) ¹	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)			16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
90	Year-Round Residence	Non-Participating	569428.11	4747994.95	31	34	32	46	32	28	29	27	21	0	0	0
91	Year-Round Residence	Non-Participating	568048.14	4749868.45	33	37	36	50	33	29	30	30	23	0	0	0
92	Public	Non-Participating	567848.44	4752102.04	17	21	19	33	23	20	17	10	0	0	0	0
93	Year-Round Residence	Non-Participating	569022.44	4748078.18	28	30	28	42	30	27	26	24	17	0	0	0
94	Year-Round Residence	Non-Participating	568051.46	4749798.66	28	28	26	40	30	28	26	23	15	0	0	0
95	Year-Round Residence	Non-Participating	568728.69	4747747.82	27	31	29	43	29	25	25	23	16	0	0	0
96	Year-Round Residence	Non-Participating	568585.66	4747680.03	26	30	28	42	28	25	24	22	15	0	0	0
97	Year-Round Residence	Non-Participating	568389.52	4747575.92	22	24	22	36	26	23	21	16	6	0	0	0
98	Public	Non-Participating	569590.18	4747825.90	27	29	28	42	29	27	25	22	14	0	0	0
99	Public	Non-Participating	568171.18	4749475.13	35	39	37	51	34	30	32	31	25	4	0	0
100	Public	Non-Participating	569612.16	4747904.70	30	33	31	45	31	28	28	26	20	0	0	0
101	Year-Round Residence	Non-Participating	569105.30	4752834.74	20	28	27	40	24	20	18	13	0	0	0	0
102	Public	Participating	570176.10	4748800.96	40	42	40	54	40	35	36	37	33	21	0	0
103	Year-Round Residence	Non-Participating	568269.88	4749416.75	36	39	38	52	35	31	33	32	27	8	0	0
104	Year-Round Residence	Non-Participating	570501.36	4748524.92	31	32	30	44	33	31	29	27	21	5	0	0
105	Public	Non-Participating	570370.25	4748493.89	38	39	37	51	38	33	34	34	31	19	0	0
106	Public	Non-Participating	570443.52	4748526.07	32	32	31	44	33	31	30	27	23	8	0	0
107	Year-Round Residence	Non-Participating	568324.87	4749349.20	37	40	38	52	36	32	33	33	28	10	0	0
108	Public	Participating	571050.00	4749359.91	46	45	44	58	45	39	41	41	39	31	18	0
109	Year-Round Residence	Non-Participating	570804.68	4750125.53	37	40	38	49	40	34	35	32	26	13	0	0
110	Year-Round Residence	Non-Participating	568509.97	4749412.15	39	42	40	54	39	34	36	36	32	19	0	0
111	Year-Round Residence	Non-Participating	569058.22	4752858.04	20	28	27	40	24	20	18	13	0	0	0	0
112	Year-Round Residence	Non-Participating	568490.94	4749300.23	39	41	39	53	38	33	35	35	31	16	0	0
113	Year-Round Residence	Non-Participating	568448.25	4749188.07	38	41	39	53	37	33	34	34	30	14	0	0
114	Public	Non-Participating	572056.82	4750775.08	20	23	22	35	26	22	19	13	0	0	0	0
115	Year-Round Residence	Non-Participating	568520.71	4749125.93	38	41	39	53	38	33	35	35	31	16	0	0
116	Year-Round Residence	Non-Participating	569040.58	4752804.64	20	28	27	41	24	20	18	13	0	0	0	0
117	Year-Round Residence	Non-Participating	567274.95	4751464.62	20	26	25	38	24	20	19	14	0	0	0	0
118	Year-Round Residence	Non-Participating	568941.24	4752495.21	19	23	22	36	24	20	18	12	0	0	0	0
119	Year-Round Residence	Non-Participating	567273.88	4751485.12	20	26	25	39	24	20	19	14	0	0	0	0
120	Year-Round Residence	Non-Participating	567750.08	4752130.74	17	21	19	33	23	20	16	10	0	0	0	0
121	Year-Round Residence	Non-Participating	568972.57	4752492.68	19	23	22	36	24	21	18	13	0	0	0	0
122	Year-Round Residence	Non-Participating	569012.08	4752481.96	19	24	22	36	24	21	18	13	0	0	0	0
123	Year-Round Residence	Non-Participating	569034.25	4752476.07	19	24	22	36	24	21	18	13	0	0	0	0
124	Public	Non-Participating	570968.78	4747357.96	20	23	21	35	25	22	19	13	1	0	0	0
125	Year-Round Residence	Non-Participating	572739.97	4749821.10	21	23	21	35	26	23	20	16	6	0	0	0
126	Year-Round Residence	Non-Participating	572899.93	4749689.24	21	23	21	34	25	22	20	15	4	0	0	0
127	Public	Non-Participating	569386.40	4748827.47	40	42	40	54	39	34	36	36	32	19	0	0
128	Year-Round Residence	Non-Participating	573037.69	4749750.94	20	22	20	34	25	21	19	13	2	0	0	0
129	Year-Round Residence	Non-Participating	573514.91	4749609.38	17	22	20	33	23	19	16	10	0	0	0	0
130	Public	Non-Participating	573418.06	4749653.73	18	22	20	34	23	20	17	11	0	0	0	0
131	Year-Round Residence	Non-Participating	569204.55	4748614.37	34	36	34	48	34	31	31	30	24	5	0	0
132	Year-Round Residence	Non-Participating	572071.13	4749860.32	27	30	28	40	30	27	26	22	15	0	0	0
133	Year-Round Residence	Non-Participating	572150.30	4749829.72	27	29	28	40	30	27	26	22	14	0	0	0
134	Year-Round Residence	Non-Participating	567898.75	4749472.43	31	36	34	48	31	28	29	27	20	0	0	0
135	Year-Round Residence	Non-Participating	572163.98	4749694.57	30	34	32	45	31	28	28	26	20	0	0	0
136	Year-Round Residence	Non-Participating	570761.86	4750201.02	37	40	38	48	41	35	36	32	26	14	0	0
137	Unknown	Non-Participating	572108.67	4749706.21	31	34	32	46	32	28	29	27	21	0	0	0
138	Year-Round Residence	Non-Participating	571317.50	4750220.80	33	37	35	46	37	31	32	29	22	5	0	0
139	Year-Round Residence	Non-Participating	571168.68	4750042.07	34	37	35	46	37	32	33	29	22	6	0	0
140	Year-Round Residence	Non-Participating	570699.66	4750286.79	36	39	37	47	41	34	35	31	25	13	0	0
141	Year-Round Residence	Non-Participating	571140.33	4749988.53	34	37	35	46	37	32	32	29	22	5	0	0
142	Year-Round Residence	Non-Participating	571087.93	4749888.48	33	36	34	46	36	32	32	29	22	3	0	0
143	Year-Round Residence	Non-Participating	571206.87	4749823.38	34	36	35	47	35	32	32	29	23	4	0	0
144	Public	Participating	570354.70	4750012.67	36	38	36	50	37	33	33	32	28	14	0	0
145	Year-Round Residence	Non-Participating	571349.13	4749789.94	33	36	34	47	35	32	32	29	24	6	0	0
146	Year-Round Residence	Non-Participating	570965.96	4749992.84	35	38	36	47	38	33	33	30	24	7	0	0
147	Year-Round Residence	Non-Participating	567692.70	4749312.40	30	35	34	48	31	27	28	26	18	0	0	0
148	Year-Round Residence	Non-Participating	571002.35	4749946.95	34	37	35	46	37	32	33	29	22	5	0	0
149	Year-Round Residence	Non-Participating	568587.91	4750965.35	32	35	34	48	32	28	29	28	22	0	0	0
150	Year-Round Residence	Non-Participating	570747.24	4749752.29	34	36	34	48	35	32	32	30	25	7	0	0
151	Year-Round Residence	Non-Participating	570295.34	4749481.41	36	39	38	51	36	32	33	33	27	6	0	0
152	Year-Round Residence	Participating	569899.10	4749419.76	38	40	39	53	38	34	35	35	30	14	0	0
153	Year-Round Residence	Non-Participating	568569.87	4750842.99	32	35	33	47	32	29	29	28	23	1	0	0
154	Unknown	Non-Participating	569564.70	4748956.73	42	43	41	55	41	36	38	38	35	23	0	0
155	Year-Round Residence	Non-Participating	568847.75	4752692.33	20	28	26	40	24	20	18	13	0	0	0	0
156	Year-Round Residence	Non-Participating	568273.23	4750195.92	35	39	37	51	35	31	32	32	26	5	0	0
157	Year-Round Residence	Non-Participating	567640.59	4749265.62	30	35	33	47	30	27	27	26	17	0	0	0
158	Year-Round Residence	Non-Participating	568312.30	4750143.06	36	39	38	52	35	31	33	32	27	8	0	0
159	Year-Round Residence	Non-Participating	567594.38	4749243.34	29	35	33	47	30	26	27	25	17	0	0	0
160	Year-Round Residence	Non-Participating	569844.91	4752385.69	21	27	26	39	25	21	19	14	0	0	0	0
161	Year-Round Residence	Non-Participating	567558.69	4749219.42	29	34	32	46	30	26	26	25	16	0	0	0
162	Year-Round Residence	Non-Participating	568927.42	4752694.00	20	28	27	40	24	20	19	14	0	0	0	0
163	Year-Round Residence	Non-Participating	567887.61	4748293.78	30	33	31	45	30	26	27	26	20	0	0	0
164	Year-Round Residence	Non-Participating	567829.18	4750072.95	31	36	34	48	31	27	28	27	19	0	0	0
165	Year-Round Residence	Non-Participating	567854.41	4750001.63	31	36	35	49	31	28	29	27	19	0	0	0
166	Year-Round Residence	Non-Participating	568960.82	4752681.25	20	28	26	40	24	20	18	13	0	0	0	0
167	Year-Round Residence	Non-Participating	567793.49	4749961.75	31	36	34	48	31	27	28	27	18	0	0	0
168	Year-Round Residence	Non-Participating	567758.90	4750004.18	30	36	34	48	31	27	28	27	18	0	0	0
169	Year-Round Residence	Non-Participating	567731.07	4750072.42	30	36	34	48	31	27	28	26	17	0	0	0
170	Year-Round Residence	Non-Participating	569255.59	4752648.98	19	26	25	38	24	20	18	12	0	0	0	0
171	Year-Round Residence	Non-Participating	567585.78	4750216.32	29	35	33	47	30	26	27	25	14	0	0	0
172	Year-Round Residence	Non-Participating	569879.13	4752379.87	21	27	26	39	25	21	19	14	0	0	0	0
173	Public	Non-Participating	569542.00	4752016.12	20	23	22	35	26	22	19	13	0	0	0	0
174	Year-Round Residence	Non-Participating	569297.82	4752760.00	20	28										

Table E-1: Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-hr Leq (dBA) ¹	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)			16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
179	Public	Non-Participating	570594.72	4752115.73	21	27	25	39	26	22	20	14	0	0	0	0
180	Year-Round Residence	Non-Participating	570631.53	4752070.08	21	27	25	39	26	22	20	15	0	0	0	0
181	Public	Non-Participating	570640.26	4752158.08	21	26	25	38	25	22	20	14	0	0	0	0
182	Year-Round Residence	Non-Participating	570648.56	4752117.38	21	27	25	39	26	22	20	14	0	0	0	0
183	Year-Round Residence	Non-Participating	570664.18	4752131.94	21	26	25	38	25	22	20	14	0	0	0	0
184	Year-Round Residence	Non-Participating	570672.98	4752148.82	20	26	24	38	25	22	19	14	0	0	0	0
185	Year-Round Residence	Non-Participating	570640.73	4752176.63	21	26	25	38	25	22	19	14	0	0	0	0
186	Year-Round Residence	Non-Participating	570677.42	4752164.58	20	26	24	38	25	22	19	14	0	0	0	0
187	Year-Round Residence	Non-Participating	570712.67	4752229.46	20	25	23	37	25	21	19	13	0	0	0	0
188	Year-Round Residence	Non-Participating	570657.92	4752210.57	20	26	25	38	25	21	19	14	0	0	0	0
189	Year-Round Residence	Non-Participating	570668.98	4752220.50	20	26	24	38	25	21	19	13	0	0	0	0
190	Year-Round Residence	Non-Participating	571232.55	4750542.16	34	37	36	46	38	31	33	29	21	7	0	0
191	Year-Round Residence	Non-Participating	571608.56	4750951.03	22	24	23	36	28	24	22	15	3	0	0	0
192	Public	Non-Participating	568362.74	4751682.34	21	23	22	35	26	23	20	15	3	0	0	0
193	Public	Non-Participating	567744.91	4750167.70	30	35	34	47	30	27	27	26	16	0	0	0
194	Year-Round Residence	Non-Participating	570834.00	4747298.07	20	23	21	35	25	22	19	14	1	0	0	0
195	Year-Round Residence	Non-Participating	571253.37	4750153.80	34	38	36	47	38	32	33	30	23	7	0	0
196	Year-Round Residence	Non-Participating	570720.66	4747177.49	20	23	21	35	25	22	19	13	0	0	0	0
197	Seasonal Residence	Participating	571131.83	4750132.46	32	34	32	45	36	32	31	27	21	5	0	0
198	Year-Round Residence	Non-Participating	570403.64	4746898.30	18	22	20	34	24	20	17	11	0	0	0	0
199	Unknown	Non-Participating	569257.69	4748905.61	37	40	38	52	37	33	34	33	28	10	0	0
200	Year-Round Residence	Non-Participating	570444.44	4746893.04	18	22	20	34	24	20	17	11	0	0	0	0
201	Year-Round Residence	Non-Participating	570673.93	4749725.35	35	38	36	50	36	32	32	31	26	7	0	0
202	Year-Round Residence	Non-Participating	570544.19	4746908.91	18	21	20	33	23	20	17	11	0	0	0	0
203	Year-Round Residence	Non-Participating	570325.87	4749494.82	36	39	38	51	36	32	33	33	27	6	0	0
204	Unknown	Non-Participating	570640.92	4746963.17	17	22	20	33	23	20	17	10	0	0	0	0
205	Year-Round Residence	Non-Participating	570673.58	4746983.15	17	22	20	33	23	20	16	10	0	0	0	0
206	Year-Round Residence	Non-Participating	569803.88	4749130.26	41	42	41	55	41	36	37	37	34	23	2	0
207	Year-Round Residence	Non-Participating	569146.41	4748470.60	31	32	30	44	33	30	29	27	21	0	0	0
208	Year-Round Residence	Non-Participating	570306.53	4746795.57	18	22	20	34	24	20	17	11	0	0	0	0
209	Year-Round Residence	Non-Participating	567872.58	4749460.82	32	37	35	49	32	28	29	28	21	0	0	0
210	Year-Round Residence	Non-Participating	570959.39	4747906.86	20	24	23	36	26	22	19	13	0	0	0	0
211	Year-Round Residence	Non-Participating	569091.23	4748469.17	33	35	33	47	34	30	30	29	24	6	0	0
212	Year-Round Residence	Non-Participating	570983.51	4747947.28	21	24	23	36	26	23	20	14	2	0	0	0
213	Year-Round Residence	Non-Participating	569004.26	4748579.18	35	36	35	49	35	31	32	31	27	12	0	0
214	Year-Round Residence	Non-Participating	570873.11	4748201.08	25	26	25	38	29	26	24	19	11	0	0	0
215	Year-Round Residence	Non-Participating	570837.62	4748244.37	27	29	28	42	30	27	25	22	15	0	0	0
216	Year-Round Residence	Non-Participating	567898.40	4749374.66	32	37	35	49	32	28	29	28	21	0	0	0
217	Public	Participating	570554.00	4750310.61	34	37	35	46	38	33	33	29	22	6	0	0
218	Public	Non-Participating	568075.89	4752556.37	19	26	24	38	23	19	17	12	0	0	0	0
219	Unknown	Non-Participating	570843.09	4750478.54	39	41	40	48	44	36	38	34	28	19	0	0
220	Year-Round Residence	Non-Participating	567915.86	4749336.42	31	35	34	48	32	28	29	27	20	0	0	0
221	Year-Round Residence	Non-Participating	570539.58	4750606.34	31	33	32	45	34	30	30	26	18	0	0	0
222	Year-Round Residence	Non-Participating	570500.38	4750670.52	30	32	31	44	33	30	29	26	18	0	0	0
223	Year-Round Residence	Non-Participating	567944.57	4749268.18	31	34	32	46	31	28	28	27	20	0	0	0
224	Unknown	Non-Participating	568375.18	4750338.33	35	39	37	51	35	31	32	31	25	5	0	0
225	Year-Round Residence	Non-Participating	567779.76	4749367.81	31	36	34	48	31	27	28	27	19	0	0	0
226	Year-Round Residence	Non-Participating	567703.11	4749411.58	30	36	34	48	31	27	28	27	18	0	0	0
227	Year-Round Residence	Non-Participating	567437.83	4749126.57	28	33	32	45	29	25	25	24	14	0	0	0
228	Year-Round Residence	Non-Participating	567395.20	4749095.60	27	33	31	45	29	25	25	23	14	0	0	0
229	Unknown	Non-Participating	568222.99	4752734.08	17	24	22	36	23	19	16	10	0	0	0	0
230	Public	Non-Participating	567865.85	4748367.78	30	33	32	46	30	27	27	26	21	0	0	0
231	Year-Round Residence	Non-Participating	567605.57	4750119.19	29	35	33	47	30	26	27	25	15	0	0	0
232	Year-Round Residence	Non-Participating	569229.29	4752739.45	20	28	26	40	24	20	18	13	0	0	0	0
233	Public	Non-Participating	567334.37	4750574.31	25	33	31	45	28	24	24	21	8	0	0	0
234	Year-Round Residence	Non-Participating	567305.82	4750667.27	25	32	31	45	27	23	23	20	7	0	0	0
235	Year-Round Residence	Non-Participating	569763.21	4752389.65	20	25	23	37	25	21	19	13	0	0	0	0
236	Public	Non-Participating	569927.13	4751691.92	19	24	22	35	26	22	19	12	0	0	0	0
237	Public	Non-Participating	570159.50	4751921.17	21	23	22	35	26	23	20	14	0	0	0	0
238	Year-Round Residence	Non-Participating	570649.57	4752189.59	20	26	25	38	25	21	19	14	0	0	0	0
239	Year-Round Residence	Non-Participating	570654.28	4752199.89	20	26	25	38	25	21	19	14	0	0	0	0
240	Year-Round Residence	Non-Participating	570687.51	4752185.79	20	26	24	38	25	21	19	14	0	0	0	0
241	Year-Round Residence	Non-Participating	570698.85	4752211.43	20	26	24	38	25	21	19	13	0	0	0	0
242	Year-Round Residence	Non-Participating	570806.77	4747367.86	21	23	22	35	26	22	20	14	2	0	0	0
243	Year-Round Residence	Non-Participating	570876.81	4750015.49	36	39	37	49	39	33	34	31	25	8	0	0
244	Year-Round Residence	Non-Participating	570753.47	4747395.47	19	23	22	35	25	22	19	12	0	0	0	0
245	Year-Round Residence	Non-Participating	570611.42	4749669.71	36	39	37	51	36	32	33	32	27	8	0	0
246	Year-Round Residence	Non-Participating	570828.31	4747616.50	20	24	22	36	26	22	19	13	0	0	0	0
247	Year-Round Residence	Non-Participating	569293.04	4748701.69	37	39	38	52	37	33	34	33	29	14	0	0
248	Year-Round Residence	Non-Participating	571541.55	4748220.90	21	25	23	36	26	23	20	14	1	0	0	0
249	Year-Round Residence	Non-Participating	570373.87	4749512.77	36	39	37	51	36	32	33	33	27	6	0	0
250	Year-Round Residence	Non-Participating	572152.87	4748582.63	18	24	22	35	25	21	17	10	0	0	0	0
251	Year-Round Residence	Non-Participating	571774.89	4748195.40	20	24	23	36	26	22	19	13	0	0	0	0
252	Year-Round Residence	Non-Participating	572393.50	4748198.39	20	23	21	35	25	22	19	14	3	0	0	0
253	Year-Round Residence	Non-Participating	569728.11	4749085.84	42	43	41	55	41	36	38	38	35	24	4	0
254	Year-Round Residence	Non-Participating	572532.80	4748449.56	21	23	21	35	26	22	20	15	5	0	0	0
255	Year-Round Residence	Non-Participating	570802.37	4752341.85	18	21	20	33	24	20	17	11	0	0	0	0
256	Year-Round Residence	Non-Participating	572322.77	4748674.34	19	24	22	35	25	21	17	11	0	0	0	0
257	Year-Round Residence	Non-Participating	572474.99	4748945.70	23	25	23	37	27	24	22	18	9	0	0	0
258	Public	Participating	568697.55	4748407.61	37	38	36	50	37	32	33	33	30	17	0	0
259	Year-Round Residence	Non-Participating	572457.84	4748744.73	20	24	22	36	26	22	19	13	3	0	0	0
260	Unknown	Non-Participating	572537.36	4749013.58	23	25	23	37	27	24	22	18	9	0	0	0
261	Year-Round Residence	Non-Participating	572277.40	4749489.23	33	36	34	48	33	28	30	29	24	7	0	0
262	Year-Round Residence	Non-Participating	567291.22	4751402.10	18	21	20	33	24	20	17	11	0	0	0	0
263	Unknown	Non-Participating	572359.76	4749488.35	27	29	27	40	29	2						

Table E-1: Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-hr Leq (dBA) ¹	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)			16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
268	Year-Round Residence	Non-Participating	569018.22	4752677.46	20	28	26	40	24	20	18	13	0	0	0	0
269	Year-Round Residence	Non-Participating	571413.35	4751717.60	22	28	26	40	26	22	21	16	0	0	0	0
270	Year-Round Residence	Non-Participating	569047.23	4752666.41	20	28	26	40	24	20	18	13	0	0	0	0
271	Year-Round Residence	Non-Participating	570838.81	4752353.57	18	21	20	33	24	20	17	10	0	0	0	0
272	Year-Round Residence	Non-Participating	569066.40	4752719.39	20	28	27	41	24	20	19	14	0	0	0	0
273	Year-Round Residence	Non-Participating	568750.17	4752555.24	19	24	22	36	24	20	18	12	0	0	0	0
274	Year-Round Residence	Non-Participating	568719.06	4752557.98	19	24	22	36	24	20	17	12	0	0	0	0
275	Year-Round Residence	Non-Participating	570837.96	4752436.24	18	22	20	34	24	20	17	10	0	0	0	0
276	Year-Round Residence	Non-Participating	568702.37	4752563.05	18	24	22	36	24	20	17	12	0	0	0	0
277	Year-Round Residence	Non-Participating	568688.78	4752565.10	18	24	22	36	24	20	17	12	0	0	0	0
278	Year-Round Residence	Non-Participating	568673.40	4752570.61	18	24	22	36	24	20	17	12	0	0	0	0
279	Year-Round Residence	Non-Participating	570789.93	4752380.77	18	22	21	34	24	20	17	11	0	0	0	0
280	Year-Round Residence	Non-Participating	568658.45	4752576.57	18	24	22	36	24	20	17	12	0	0	0	0
281	Year-Round Residence	Non-Participating	570677.59	4752235.20	20	26	24	38	25	21	19	13	0	0	0	0
282	Year-Round Residence	Non-Participating	571376.84	4751734.24	22	28	26	40	26	22	21	16	0	0	0	0
283	Year-Round Residence	Non-Participating	570687.96	4752247.74	20	25	23	36	25	21	19	13	0	0	0	0
284	Public	Non-Participating	570704.13	4752040.88	21	27	25	39	26	22	20	15	0	0	0	0
285	Year-Round Residence	Non-Participating	570701.89	4752256.18	19	22	20	34	25	21	18	12	0	0	0	0
286	Unknown	Non-Participating	570714.73	4752263.29	18	22	20	34	24	21	18	11	0	0	0	0
287	Year-Round Residence	Non-Participating	570809.45	4752018.40	21	26	25	38	26	22	20	14	0	0	0	0
288	Year-Round Residence	Non-Participating	571340.99	4751749.35	22	28	26	40	26	22	21	16	0	0	0	0
289	Year-Round Residence	Non-Participating	570850.30	4752006.93	21	26	25	38	26	22	20	14	0	0	0	0
290	Year-Round Residence	Non-Participating	570892.05	4751992.09	21	26	25	38	26	22	20	15	0	0	0	0
291	Year-Round Residence	Non-Participating	571014.88	4751970.46	21	27	25	39	26	22	20	15	0	0	0	0
292	Public	Non-Participating	571111.42	4751908.19	21	27	26	39	26	22	20	15	0	0	0	0
293	Unknown	Non-Participating	571304.34	4751778.21	22	27	26	39	26	22	20	15	0	0	0	0
294	Year-Round Residence	Non-Participating	571678.99	4751671.07	22	28	26	40	26	22	20	16	0	0	0	0
295	Year-Round Residence	Non-Participating	571547.10	4751180.35	22	24	22	35	26	23	21	15	2	0	0	0
296	Year-Round Residence	Non-Participating	572596.07	4750651.28	19	22	21	34	25	21	19	13	0	0	0	0
297	Year-Round Residence	Non-Participating	568443.92	4750372.68	34	37	35	49	34	31	31	30	25	6	0	0
298	Year-Round Residence	Non-Participating	568483.01	4750427.62	34	37	35	49	34	31	31	30	25	7	0	0
299	Year-Round Residence	Non-Participating	566688.38	4749344.81	24	32	30	44	26	22	22	19	4	0	0	0
300	Year-Round Residence	Non-Participating	566763.25	4749325.90	24	32	30	44	26	22	22	19	5	0	0	0
301	Year-Round Residence	Non-Participating	567163.35	4748887.86	26	33	32	45	28	24	24	22	11	0	0	0
302	Year-Round Residence	Non-Participating	567069.27	4748853.77	26	33	31	45	27	23	24	21	10	0	0	0
303	Public	Non-Participating	567059.75	4748700.62	25	33	31	45	27	23	23	21	9	0	0	0
304	Year-Round Residence	Non-Participating	566802.31	4748189.24	18	21	19	33	23	20	17	11	0	0	0	0
305	Year-Round Residence	Non-Participating	566642.20	4748163.67	17	20	19	32	23	19	16	9	0	0	0	0
306	Year-Round Residence	Non-Participating	566979.42	4747637.85	19	26	24	38	23	20	18	13	0	0	0	0
307	Year-Round Residence	Non-Participating	567099.23	4747774.79	23	30	29	43	25	21	21	18	5	0	0	0
308	Year-Round Residence	Non-Participating	567007.48	4747703.39	19	26	24	38	24	20	18	14	0	0	0	0
309	Year-Round Residence	Non-Participating	567351.84	4747727.92	23	29	27	41	25	21	21	18	7	0	0	0
310	Unknown	Non-Participating	567421.37	4747741.92	23	28	27	41	25	22	21	18	8	0	0	0
311	Year-Round Residence	Non-Participating	567709.57	4747729.47	24	29	27	41	26	23	22	20	11	0	0	0
312	Year-Round Residence	Non-Participating	568056.79	4747559.37	24	29	27	41	26	23	22	20	11	0	0	0
313	Year-Round Residence	Non-Participating	568143.55	4747492.78	24	28	27	41	26	23	22	20	11	0	0	0
314	Public	Non-Participating	573576.04	4749828.47	17	22	21	34	23	19	16	10	0	0	0	0
315	Year-Round Residence	Non-Participating	568602.80	4750580.02	35	37	35	49	35	31	32	31	26	9	0	0
316	Year-Round Residence	Non-Participating	566729.96	4749483.57	24	32	30	44	26	22	22	19	5	0	0	0
317	Year-Round Residence	Non-Participating	567279.52	4749013.61	27	33	32	45	28	24	25	23	13	0	0	0
318	Year-Round Residence	Non-Participating	567234.84	4748990.48	27	33	31	45	28	24	25	22	12	0	0	0
319	Year-Round Residence	Non-Participating	566706.31	4748690.52	23	31	30	44	26	21	21	18	4	0	0	0
320	Year-Round Residence	Non-Participating	566847.98	4747795.26	18	25	23	37	23	19	17	11	0	0	0	0
321	Year-Round Residence	Non-Participating	567019.43	4747556.38	22	30	28	42	25	20	20	16	2	0	0	0
322	Year-Round Residence	Non-Participating	567170.06	4747588.19	22	30	28	42	25	21	20	17	4	0	0	0
323	Year-Round Residence	Non-Participating	567591.57	4747854.92	24	29	28	41	26	23	22	20	11	0	0	0
324	Year-Round Residence	Non-Participating	567724.99	4748032.16	26	30	29	42	27	24	24	22	15	0	0	0
325	Public	Non-Participating	567924.69	4748484.41	32	34	33	47	32	28	29	28	23	5	0	0
326	Year-Round Residence	Non-Participating	567832.72	4747643.38	23	27	25	39	26	22	21	18	8	0	0	0
327	Year-Round Residence	Non-Participating	568602.98	4746920.16	21	26	24	38	25	21	19	16	3	0	0	0
328	Year-Round Residence	Non-Participating	568602.80	4746806.20	20	26	24	38	24	21	19	15	1	0	0	0
329	Year-Round Residence	Non-Participating	568733.82	4746784.15	20	26	24	38	24	21	19	15	1	0	0	0
330	Year-Round Residence	Non-Participating	568379.26	4746530.30	19	26	25	38	23	19	18	14	0	0	0	0
331	Year-Round Residence	Non-Participating	568649.05	4746694.51	20	25	24	37	24	20	18	14	0	0	0	0
332	Seasonal Residence	Non-Participating	568665.27	4746559.35	19	25	23	37	23	20	18	13	0	0	0	0
333	Year-Round Residence	Non-Participating	568658.15	4746482.43	19	24	23	37	23	19	17	12	0	0	0	0
334	Year-Round Residence	Non-Participating	569416.12	4746629.33	18	21	20	33	24	20	17	11	0	0	0	0
335	Year-Round Residence	Non-Participating	569383.86	4746504.34	17	21	19	33	23	20	17	10	0	0	0	0
336	Seasonal Residence	Non-Participating	569777.18	4746578.72	17	21	19	33	23	19	16	9	0	0	0	0
337	Year-Round Residence	Non-Participating	570085.96	4746487.53	17	21	19	33	23	19	16	10	0	0	0	0
338	Year-Round Residence	Non-Participating	570214.03	4746605.64	17	21	20	33	23	20	17	10	0	0	0	0
339	Year-Round Residence	Non-Participating	570502.82	4746733.69	18	21	20	33	23	20	17	10	0	0	0	0
340	Public	Non-Participating	569982.69	4747395.09	21	24	22	36	26	23	20	15	4	0	0	0
341	Public	Non-Participating	570636.02	4746880.89	17	21	20	33	23	20	16	10	0	0	0	0
342	Seasonal Residence	Non-Participating	570631.08	4746914.46	17	22	20	33	23	20	16	10	0	0	0	0
343	Year-Round Residence	Non-Participating	570677.55	4746933.28	17	21	20	33	23	20	16	10	0	0	0	0
344	Year-Round Residence	Non-Participating	570748.93	4746980.95	17	21	20	33	23	19	16	9	0	0	0	0
345	Year-Round Residence	Non-Participating	570882.06	4747052.83	14	20	19	32	21	17	12	4	0	0	0	0
346	Public	Participating	570231.70	4748743.29	40	42	40	54	40	35	36	36	33	21	0	0
347	Public	Non-Participating	571142.46	4749860.37	34	36	35	47	36	32	32	29	23	3	0	0
348	Year-Round Residence	Non-Participating	571902.73	4748867.86	32	35	33	47	33	30	30	28	23	7	0	0
349	Seasonal Residence	Participating	570990.46	4750073.71	36	39	38	48	40	34	35	32	25	12	0	0
350	Year-Round Residence	Non-Participating	570483.09	4750708.69	30	32	31	44	33	30	29	25	18	0	0	0
351	Year-Round Residence	Non-Participating	569936.19	4750675.83	34	33	32	45	35	33	32	30	25	12	0	0
352	Public	Non-Participating	569906.93	4751111.13	27	28	26	40	31	28	26					

Table E-1: Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-hr Leq (dBA) ¹	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			UTM NAD83 Zone 18N (meters)				Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)			16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
357	Year-Round Residence	Non-Participating	572403.52	4749657.29	26	29	27	40	29	26	24	20	13	0	0	0
358	Year-Round Residence	Non-Participating	572449.88	4749684.62	25	28	26	39	28	25	24	20	12	0	0	0
359	Year-Round Residence	Non-Participating	572422.83	4749715.98	25	28	27	39	28	25	24	20	12	0	0	0
360	Year-Round Residence	Non-Participating	572774.46	4749767.27	21	23	21	35	26	23	20	15	6	0	0	0
361	Year-Round Residence	Non-Participating	572717.98	4749764.92	22	23	22	35	26	23	21	16	7	0	0	0
362	Year-Round Residence	Non-Participating	572682.80	4749798.81	22	23	22	35	26	23	21	16	7	0	0	0
363	Year-Round Residence	Non-Participating	572762.62	4749789.18	21	23	21	35	26	23	20	15	6	0	0	0
364	Year-Round Residence	Non-Participating	572791.18	4749801.92	21	23	21	35	26	22	20	15	5	0	0	0
365	Year-Round Residence	Non-Participating	572751.22	4749831.40	21	24	22	36	26	23	21	16	6	0	0	0
366	Year-Round Residence	Non-Participating	572816.05	4749852.16	21	24	22	36	26	22	20	15	5	0	0	0
367	Year-Round Residence	Non-Participating	572803.74	4749814.71	21	23	21	35	26	22	20	15	5	0	0	0
368	Year-Round Residence	Non-Participating	572719.20	4749814.91	22	23	22	35	26	23	21	16	6	0	0	0
369	Year-Round Residence	Non-Participating	572700.86	4749809.70	22	23	22	35	26	23	21	16	7	0	0	0
370	Year-Round Residence	Non-Participating	572772.84	4749837.95	21	24	22	36	26	23	20	15	5	0	0	0
371	Year-Round Residence	Non-Participating	572843.77	4749757.31	21	23	21	35	25	22	20	15	5	0	0	0
372	Year-Round Residence	Non-Participating	572858.24	4749756.37	21	23	21	35	25	22	20	15	5	0	0	0
373	Year-Round Residence	Non-Participating	572872.27	4749754.77	21	23	21	35	25	22	20	15	4	0	0	0
374	Year-Round Residence	Non-Participating	572886.74	4749753.40	21	23	21	34	25	22	20	14	4	0	0	0
375	Year-Round Residence	Non-Participating	572911.71	4749774.18	20	22	21	34	25	22	19	14	4	0	0	0
376	Year-Round Residence	Non-Participating	572905.99	4749797.03	20	22	21	34	25	22	19	14	4	0	0	0
377	Year-Round Residence	Non-Participating	572906.50	4749811.44	20	23	22	35	25	22	20	14	4	0	0	0
378	Year-Round Residence	Non-Participating	572904.14	4749826.69	20	23	22	35	25	22	20	14	4	0	0	0
379	Year-Round Residence	Non-Participating	572909.71	4749859.26	21	24	23	36	25	22	20	14	3	0	0	0
380	Year-Round Residence	Non-Participating	572900.61	4749664.73	21	23	21	35	25	22	20	15	4	0	0	0
381	Year-Round Residence	Non-Participating	572878.71	4749643.76	21	23	21	35	25	22	20	15	5	0	0	0
382	Year-Round Residence	Non-Participating	572834.22	4749666.64	21	23	21	35	26	22	20	15	5	0	0	0
383	Public	Non-Participating	572739.37	4749725.08	22	23	22	35	26	23	21	16	7	0	0	0
384	Year-Round Residence	Non-Participating	572913.11	4749843.02	20	23	22	35	25	22	19	14	3	0	0	0
385	Public	Non-Participating	567635.09	4747727.54	24	29	27	41	26	22	22	19	10	0	0	0
386	Seasonal Residence	Non-Participating	566901.78	4748735.92	25	32	30	44	27	22	23	20	7	0	0	0
387	Year-Round Residence	Non-Participating	567027.75	4749137.63	26	33	31	45	27	23	24	21	9	0	0	0
388	Year-Round Residence	Non-Participating	566845.68	4749079.73	25	32	30	44	27	22	23	20	6	0	0	0
389	Public	Non-Participating	566757.05	4749026.28	24	32	30	44	26	22	22	19	5	0	0	0

1. Addresses stipulation (e) (1).

Table E-1.1: Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-hr Leq (dBA) ¹	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			UTM NAD83 Zone 18N (meters)	Y (m)			16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
108	Public	Participating	571050.00	4749359.91	46	45	44	44	58	45	39	41	41	39	31	18
13	Year-Round Residence	Participating	569470.27	4750326.39	44	45	43	43	57	43	38	39	40	37	26	5
84	Unknown	Participating	569760.25	4749026.80	44	44	42	42	56	43	38	39	39	37	29	14
81	Year-Round Residence	Non-Participating	571701.79	4749407.25	42	42	40	40	54	41	35	37	38	35	25	2
154	Unknown	Non-Participating	569564.70	4748956.73	42	43	41	41	55	41	36	38	38	35	23	0
253	Year-Round Residence	Non-Participating	569728.11	4749085.84	42	43	41	41	55	41	36	38	38	35	24	4
41	Year-Round Residence	Non-Participating	569669.89	4749038.11	41	42	41	41	55	41	36	37	37	34	24	3
206	Year-Round Residence	Non-Participating	569803.88	4749130.26	41	42	41	41	55	41	36	37	37	34	23	2
88	Year-Round Residence	Non-Participating	569631.58	4749014.15	41	42	41	41	54	41	36	37	37	34	22	0
32	Year-Round Residence	Non-Participating	569446.59	4748766.97	41	42	40	40	54	41	35	37	37	34	23	3
102	Public	Participating	570176.10	4748800.96	40	42	40	40	54	40	35	36	37	33	21	0
28	Year-Round Residence	Non-Participating	569441.95	4748878.66	40	42	40	40	54	40	35	37	37	33	21	0
12	Year-Round Residence	Non-Participating	569524.01	4750447.60	40	41	39	39	53	40	36	37	36	33	21	0
346	Public	Participating	570231.70	4748743.29	40	42	40	40	54	40	35	36	36	33	21	0
127	Public	Non-Participating	569386.40	4748827.47	40	42	40	40	54	39	34	36	36	32	19	0
110	Year-Round Residence	Non-Participating	568509.97	4749412.15	39	42	40	40	54	39	34	36	36	32	19	0
89	Year-Round Residence	Non-Participating	569415.06	4748678.47	39	40	38	38	52	39	34	35	35	32	21	0
219	Unknown	Non-Participating	570843.09	4750478.54	39	41	40	40	48	44	36	38	34	28	19	0
33	Unknown	Participating	571797.79	4749526.97	39	40	38	38	52	39	33	35	35	32	19	0
112	Year-Round Residence	Non-Participating	568490.94	4749300.23	39	41	39	39	53	38	33	35	35	31	16	0
152	Year-Round Residence	Participating	569899.10	4749419.76	38	40	39	39	53	38	34	35	35	30	14	0
115	Year-Round Residence	Non-Participating	568520.71	4749125.93	38	41	39	39	53	38	33	35	35	31	16	0
105	Public	Non-Participating	570370.25	4748493.89	38	39	37	37	51	38	33	34	34	31	19	0
29	Year-Round Residence	Non-Participating	572033.45	4749443.89	38	39	38	38	51	38	32	34	34	31	19	0
113	Year-Round Residence	Non-Participating	568448.25	4749188.07	38	41	39	39	53	37	33	34	34	30	14	0
27	Year-Round Residence	Non-Participating	572084.90	4749382.45	38	39	37	37	51	37	32	34	34	31	19	0
34	Year-Round Residence	Non-Participating	571947.48	4749538.14	37	39	37	37	51	37	32	33	33	30	17	0
247	Year-Round Residence	Non-Participating	569293.04	4748701.69	37	39	38	38	52	37	33	34	33	29	14	0
258	Public	Participating	568697.55	4748407.61	37	38	36	36	50	37	32	33	33	30	17	0
199	Unknown	Non-Participating	569257.69	4748905.61	37	40	38	38	52	37	33	34	33	28	10	0
136	Year-Round Residence	Non-Participating	570761.86	4750201.02	37	40	38	38	48	41	35	36	32	26	14	0
109	Year-Round Residence	Non-Participating	570804.68	4750125.53	37	40	38	38	49	40	34	35	32	26	13	0
107	Year-Round Residence	Non-Participating	568324.87	4749349.20	37	40	38	38	52	36	32	33	33	28	10	0
36	Year-Round Residence	Non-Participating	572064.46	4749493.97	36	38	37	37	50	36	31	33	33	29	16	0
144	Public	Participating	570354.70	4750012.67	36	38	36	36	50	37	33	33	32	28	14	0
349	Seasonal Residence	Participating	570990.46	4750073.71	36	39	38	38	48	40	34	35	32	25	12	0
86	Year-Round Residence	Non-Participating	570457.76	4749533.71	36	39	37	37	51	36	32	33	33	27	8	0
151	Year-Round Residence	Non-Participating	570295.34	4749481.41	36	39	38	38	51	36	32	33	33	27	6	0
140	Year-Round Residence	Non-Participating	570699.66	4750286.79	36	39	37	37	47	41	34	35	31	25	13	0
40	Year-Round Residence	Non-Participating	570421.97	4749520.25	36	39	37	37	51	36	32	33	33	27	7	0
203	Year-Round Residence	Non-Participating	570325.87	4749494.82	36	39	38	38	51	36	32	33	33	27	6	0
249	Year-Round Residence	Non-Participating	570373.87	4749512.77	36	39	37	37	51	36	32	33	33	27	6	0
267	Year-Round Residence	Non-Participating	572129.12	4749426.56	36	38	36	36	50	36	31	32	32	29	16	0
103	Year-Round Residence	Non-Participating	568269.88	4749416.75	36	39	38	38	52	35	31	33	32	27	8	0
245	Year-Round Residence	Non-Participating	570611.42	4749669.71	36	39	37	37	51	36	32	33	32	27	8	0
158	Year-Round Residence	Non-Participating	568312.30	4750143.06	36	39	38	38	52	35	31	33	32	27	8	0
243	Year-Round Residence	Non-Participating	570876.81	4750015.49	36	39	37	37	49	39	33	34	31	25	8	0
30	Unknown	Non-Participating	568264.94	4750086.08	36	39	38	38	51	35	31	32	32	26	8	0
201	Year-Round Residence	Non-Participating	570673.93	4749725.35	35	38	36	36	50	36	32	32	31	26	7	0
156	Year-Round Residence	Non-Participating	568273.23	4750195.92	35	39	37	37	51	35	31	32	32	26	5	0
224	Unknown	Non-Participating	568375.18	4750338.33	35	39	37	37	51	35	31	32	31	25	5	0
14	Year-Round Residence	Non-Participating	569440.20	4750949.47	35	38	36	36	50	35	32	32	31	26	9	0
213	Year-Round Residence	Non-Participating	569004.26	4748579.18	35	36	35	35	49	35	31	32	31	27	12	0
99	Public	Non-Participating	568171.18	4749475.13	35	39	37	37	51	34	30	32	31	25	4	0
146	Year-Round Residence	Non-Participating	570965.96	4749992.84	35	38	36	36	47	38	33	33	30	24	7	0
37	Year-Round Residence	Non-Participating	570876.79	4749847.02	35	37	36	36	48	37	32	33	30	25	5	0
315	Year-Round Residence	Non-Participating	568602.80	4750580.02	35	37	35	35	49	35	31	32	31	26	9	0
83	Year-Round Residence	Non-Participating	570739.32	4749840.37	35	37	36	36	49	35	32	32	31	25	4	0
52	Year-Round Residence	Non-Participating	571154.45	4749594.94	34	35	33	33	46	36	33	33	30	25	11	0
87	Year-Round Residence	Non-Participating	568144.54	4749953.20	34	38	37	37	51	34	30	32	31	25	4	0
50	Year-Round Residence	Non-Participating	571277.88	4749688.74	34	35	34	34	47	36	33	32	30	25	10	0
195	Year-Round Residence	Non-Participating	571253.37	4750153.80	34	38	36	36	47	38	32	33	30	23	7	0
351	Year-Round Residence	Non-Participating	569936.19	4750675.83	34	33	32	32	45	35	33	32	30	25	12	0
298	Year-Round Residence	Non-Participating	568483.01	4750427.62	34	37	35	35	49	34	31	31	30	25	7	0
150	Year-Round Residence	Non-Participating	570747.24	4749752.29	34	36	34	34	48	35	32	32	30	25	7	0
297	Year-Round Residence	Non-Participating	568443.92	4750372.68	34	37	35	35	49	34	31	31	30	25	6	0
131	Year-Round Residence	Non-Participating	569204.55	4748614.37	34	36	34	34	48	34	31	31	30	24	5	0
139	Year-Round Residence	Non-Participating	571168.68	4750042.07	34	37	35	35	46	37	32	33	29	22	6	0
148	Year-Round Residence	Non-Participating	571002.35	4749946.95	34	37	35	35	46	37	32	33	29	22	5	0
217	Public	Participating	570554.00	4750310.61	34	37	35	35	46	38	33	33	29	22	6	0
190	Year-Round Residence	Non-Participating	571232.55	4750542.16	34	37	36	36	46	38	31	33	29	21	7	0
141	Year-Round Residence	Non-Participating	571140.33	4749988.53	34	37	35	35	46	37	32	32	29	22	5	0
347	Public	Non-Participating	571142.46	4749860.37	34	36	35	35	47	36	32	32	29	23	3	0
143	Year-Round Residence	Non-Participating	571206.87	4749823.38	34	36	35	35	47	35	32	32	29	23	4	0
138	Year-Round Residence	Non-Participating	571317.50	4750220.80	33	37	35	35	46	37	31	32	29	22	5	0
38	Year-Round Residence	Non-Participating	570986.36	4749841.17	33	36	34	34	46	36	32	32	29	23	3	0
145	Year-Round Residence	Non-Participating	571349.13	4749789.94	33	36	34	34	47	35	32	32	29	24	6	0
31	Year-Round Residence	Non-Participating	572177.45	4749579.83	33	36	35	35	48	33	29	30	30	25	8	0
142	Year-Round Residence	Non-Participating	571087.93	4749888.48	33	36	34	34	46	36	32	32	29	22	3	0
91	Year-Round Residence	Non-Participating	568048.14	4749868.45	33	37	36	36	50	33	29	30	30	23	0	0
211	Year-Round Residence	Non-Participating	569091.23	4748469.17	33	35	33	33	47	34	30	30	29	24	6	0
85	Year-Round Residence	Non-Participating	570902.01	4749780.07	33	34	32	32	46	34	31	31	28	23	3	0
261	Year-Round Residence	Non-Participating	572277.40	4749489.23	33	36	34	34	48	33	28	30	29	24	7	0
197	Seasonal Residence	Participating	571131.83	4750132.46	32	34	32	32	45	36						

Table E-1.1: Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-hr Leq (dBA) ¹	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			UTM NAD83 Zone 18N (meters)	Y (m)			16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
325	Public	Non-Participating	567924.69	4748484.41	32	34	33	47	32	28	29	28	23	5	0	0
42	Year-Round Residence	Non-Participating	567888.53	4749797.92	32	37	35	49	32	28	29	28	20	0	0	0
149	Year-Round Residence	Non-Participating	568587.91	4750965.35	32	35	34	48	32	28	29	28	22	0	0	0
47	Year-Round Residence	Non-Participating	567865.22	4749673.74	32	36	35	49	32	28	29	28	20	0	0	0
220	Year-Round Residence	Non-Participating	567915.86	4749336.42	31	35	34	48	32	28	29	27	20	0	0	0
104	Year-Round Residence	Non-Participating	570501.36	4748524.92	31	32	30	44	33	31	29	27	21	5	0	0
207	Year-Round Residence	Non-Participating	569146.41	4748470.60	31	32	30	44	33	30	29	27	21	0	0	0
165	Year-Round Residence	Non-Participating	567854.41	4750001.63	31	36	35	49	31	28	29	27	19	0	0	0
90	Year-Round Residence	Non-Participating	569428.11	4747994.95	31	34	32	46	32	28	29	27	21	0	0	0
134	Year-Round Residence	Non-Participating	567898.75	4749472.43	31	36	34	48	31	28	29	27	20	0	0	0
225	Year-Round Residence	Non-Participating	567779.76	4749367.81	31	36	34	48	31	27	28	27	19	0	0	0
137	Unknown	Non-Participating	572108.67	4749706.21	31	34	32	46	32	28	29	27	21	0	0	0
164	Year-Round Residence	Non-Participating	567829.18	4750072.95	31	36	34	48	31	27	28	27	19	0	0	0
221	Year-Round Residence	Non-Participating	570539.58	4750606.34	31	33	32	45	34	30	30	26	18	0	0	0
167	Year-Round Residence	Non-Participating	567793.49	4749961.75	31	36	34	48	31	27	28	27	18	0	0	0
223	Year-Round Residence	Non-Participating	567944.57	4749268.18	31	34	32	46	31	28	28	27	20	0	0	0
222	Year-Round Residence	Non-Participating	570500.38	4750670.52	30	32	31	44	33	30	29	26	18	0	0	0
226	Year-Round Residence	Non-Participating	567703.11	4749411.58	30	36	34	48	31	27	28	27	18	0	0	0
168	Year-Round Residence	Non-Participating	567758.90	4750004.18	30	36	34	48	31	27	28	27	18	0	0	0
350	Year-Round Residence	Non-Participating	570483.09	4750708.69	30	32	31	44	33	30	29	25	18	0	0	0
135	Year-Round Residence	Non-Participating	572163.98	4749694.57	30	34	32	45	31	28	28	26	20	0	0	0
35	Year-Round Residence	Non-Participating	569111.71	4748348.90	30	31	30	44	32	29	28	26	20	0	0	0
147	Year-Round Residence	Non-Participating	567692.70	4749312.40	30	35	34	48	31	27	28	26	18	0	0	0
230	Public	Non-Participating	567865.85	4748367.78	30	33	32	46	30	27	27	26	21	0	0	0
169	Year-Round Residence	Non-Participating	567731.07	4750072.42	30	36	34	48	31	27	28	26	17	0	0	0
100	Public	Non-Participating	569612.16	4747904.70	30	33	31	45	31	28	28	26	20	0	0	0
163	Year-Round Residence	Non-Participating	567887.61	4748293.78	30	33	31	45	30	26	27	26	20	0	0	0
157	Year-Round Residence	Non-Participating	567640.59	4749265.62	30	35	33	47	30	27	27	26	17	0	0	0
193	Public	Non-Participating	567744.91	4750167.70	30	35	34	47	30	27	27	26	16	0	0	0
159	Year-Round Residence	Non-Participating	567594.38	4749243.34	29	35	33	47	30	26	27	25	17	0	0	0
231	Year-Round Residence	Non-Participating	567605.57	4750119.19	29	35	33	47	30	26	27	25	15	0	0	0
171	Year-Round Residence	Non-Participating	567585.78	4750216.32	29	35	33	47	30	26	27	25	14	0	0	0
161	Year-Round Residence	Non-Participating	567558.69	4749219.42	29	34	32	46	30	26	26	25	16	0	0	0
93	Year-Round Residence	Non-Participating	569022.44	4748078.18	28	30	28	42	30	27	26	24	17	0	0	0
39	Year-Round Residence	Non-Participating	568959.03	4748022.54	28	30	28	42	30	27	26	23	17	0	0	0
26	Year-Round Residence	Non-Participating	572327.57	4749300.33	28	29	28	41	30	27	26	23	17	0	0	0
227	Year-Round Residence	Non-Participating	567437.83	4749126.57	28	33	32	45	29	25	25	24	14	0	0	0
94	Year-Round Residence	Non-Participating	568051.46	4749798.66	28	28	26	40	30	28	26	23	15	0	0	0
132	Year-Round Residence	Non-Participating	572071.13	4749860.32	27	30	28	40	30	27	26	22	15	0	0	0
1	Year-Round Residence	Non-Participating	569876.41	4751052.94	27	28	27	40	31	28	26	22	14	0	0	0
228	Year-Round Residence	Non-Participating	567395.20	4749095.60	27	33	31	45	29	25	25	23	14	0	0	0
95	Year-Round Residence	Non-Participating	568728.69	4747747.82	27	31	29	43	29	25	25	23	16	0	0	0
352	Public	Non-Participating	569906.93	4751111.13	27	28	26	40	31	28	26	22	14	0	0	0
98	Public	Non-Participating	569590.18	4747825.90	27	29	28	42	29	27	25	22	14	0	0	0
317	Year-Round Residence	Non-Participating	567279.52	4749013.61	27	33	32	45	28	24	25	23	13	0	0	0
133	Year-Round Residence	Non-Participating	572150.30	4749829.72	27	29	28	40	30	27	26	22	14	0	0	0
215	Year-Round Residence	Non-Participating	570837.62	4748244.37	27	29	28	42	30	27	25	22	15	0	0	0
263	Unknown	Non-Participating	572359.76	4749488.35	27	29	27	40	29	27	25	22	15	0	0	0
318	Year-Round Residence	Non-Participating	567234.84	4748990.48	27	33	31	45	28	24	25	22	12	0	0	0
354	Year-Round Residence	Non-Participating	572347.74	4749587.53	26	29	27	40	29	26	25	21	15	0	0	0
353	Year-Round Residence	Non-Participating	572130.00	4749927.83	26	29	28	40	30	27	25	21	13	0	0	0
96	Year-Round Residence	Non-Participating	568585.66	4747680.03	26	30	28	42	28	25	24	22	15	0	0	0
301	Year-Round Residence	Non-Participating	567163.35	4748887.86	26	33	32	45	28	24	24	22	11	0	0	0
324	Year-Round Residence	Non-Participating	567724.99	4748032.16	26	30	29	42	27	24	24	22	15	0	0	0
355	Year-Round Residence	Non-Participating	572388.99	4749601.27	26	29	27	40	29	26	25	21	14	0	0	0
356	Year-Round Residence	Non-Participating	572377.93	4749674.04	26	29	27	40	29	26	25	21	13	0	0	0
302	Year-Round Residence	Non-Participating	567069.27	4748853.77	26	33	31	45	27	23	24	21	10	0	0	0
387	Year-Round Residence	Non-Participating	567027.75	4749137.63	26	33	31	45	27	23	24	21	9	0	0	0
357	Year-Round Residence	Non-Participating	572403.52	4749657.29	26	29	27	40	29	26	24	20	13	0	0	0
303	Public	Non-Participating	567059.75	4748700.62	25	33	31	45	27	23	23	21	9	0	0	0
233	Public	Non-Participating	567334.37	4750574.31	25	33	31	45	28	24	24	21	8	0	0	0
234	Year-Round Residence	Non-Participating	567305.82	4750627.27	25	32	31	45	27	23	23	20	7	0	0	0
359	Year-Round Residence	Non-Participating	572422.83	4749715.98	25	28	27	39	28	25	24	20	12	0	0	0
265	Year-Round Residence	Non-Participating	572476.37	4749562.90	25	28	26	39	28	25	24	20	12	0	0	0
214	Year-Round Residence	Non-Participating	570873.11	4748201.08	25	26	25	38	29	26	24	19	11	0	0	0
358	Year-Round Residence	Non-Participating	572449.88	4749684.62	25	28	26	39	28	25	24	20	12	0	0	0
17	Year-Round Residence	Non-Participating	569616.81	4751281.68	25	27	25	39	29	26	24	19	9	0	0	0
386	Seasonal Residence	Non-Participating	566901.78	4748735.92	25	32	30	44	27	22	23	20	7	0	0	0
388	Year-Round Residence	Non-Participating	566845.68	4749079.73	25	32	30	44	27	22	23	20	6	0	0	0
3	Unknown	Non-Participating	568943.15	4751628.92	24	27	26	39	28	25	23	19	10	0	0	0
323	Year-Round Residence	Non-Participating	567591.57	4747854.92	24	29	28	41	26	23	22	20	11	0	0	0
16	Year-Round Residence	Non-Participating	569637.22	4751255.05	24	27	25	39	29	26	23	18	8	0	0	0
312	Year-Round Residence	Non-Participating	568056.79	4747559.37	24	29	27	41	26	23	22	20	11	0	0	0
300	Year-Round Residence	Non-Participating	566763.25	4749325.90	24	32	30	44	26	22	22	19	5	0	0	0
15	Year-Round Residence	Non-Participating	569657.94	4751219.48	24	27	25	39	29	26	23	18	8	0	0	0
311	Year-Round Residence	Non-Participating	567709.57	4747729.47	24	29	27	41	26	23	22	20	11	0	0	0
389	Public	Non-Participating	566757.05	4749026.28	24	32	30	44	26	22	22	19	5	0	0	0
316	Year-Round Residence	Non-Participating	566729.96	4749483.57	24	32	30	44	26	22	22	19	5	0	0	0
313	Year-Round Residence	Non-Participating	568143.55	4747492.78	24	28	27	41	26	23	22	20	11	0	0	0
385	Public	Non-Participating	567635.09	4747727.54	24	29	27	41	26	22	22	19	10	0	0	0
299	Year-Round Residence	Non-Participating	566688.38	4749344.81	24	32	30	44	26	22	22	19	4	0	0	0
319	Year-Round Residence	Non-Participating	566706.31	4748690.52	23	31	30	44	26	21	21	18	4	0	0	0
260	Unknown	Non-Participating	572537.36	4749013.58	23	25	23	37	27	24	22	18	9	0	0	0
257	Year-Round Residence	Non-Participating	572474.99	4748945.70	23	25	23	37	27	24	22	18	9	0	0	0
82	Year-Round Residence	Non-Participating	572571.58	4749673.02												

Table E-1.1: Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-hr Leq (dBA) ¹	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			UTM NAD83 Zone 18N (meters)				Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)			31.5	63	125	250	500	1000	2000	4000	8000	
18	Year-Round Residence	Non-Participating	569001.55	4751753.69	22	24	23	36	27	24	21	16	6	0	0	0
49	Year-Round Residence	Non-Participating	568639.14	4747589.76	22	24	22	36	26	24	21	16	7	0	0	0
191	Year-Round Residence	Non-Participating	571608.56	4750951.03	22	24	23	36	28	24	22	15	3	0	0	0
48	Year-Round Residence	Non-Participating	568591.16	4747567.45	22	24	22	36	26	24	21	16	6	0	0	0
322	Year-Round Residence	Non-Participating	567170.06	4747588.19	22	30	28	42	25	21	20	17	4	0	0	0
59	Year-Round Residence	Non-Participating	572321.59	4751532.72	22	30	28	41	26	21	21	16	0	0	0	0
75	Year-Round Residence	Non-Participating	572032.87	4751754.39	22	30	28	41	26	21	21	16	0	0	0	0
46	Year-Round Residence	Non-Participating	568550.20	4747544.78	22	24	22	36	26	23	21	16	6	0	0	0
78	Unknown	Non-Participating	571987.72	4751800.17	22	30	28	41	26	21	21	16	0	0	0	0
362	Year-Round Residence	Non-Participating	572682.80	4749798.81	22	23	22	35	26	23	21	16	7	0	0	0
97	Year-Round Residence	Non-Participating	568389.52	4747575.92	22	24	22	36	26	23	21	16	6	0	0	0
44	Year-Round Residence	Non-Participating	568489.11	4747519.28	22	24	22	36	26	23	21	16	5	0	0	0
269	Year-Round Residence	Non-Participating	571413.35	4751717.60	22	28	26	40	26	22	21	16	0	0	0	0
282	Year-Round Residence	Non-Participating	571376.84	4751734.24	22	28	26	40	26	22	21	16	0	0	0	0
288	Year-Round Residence	Non-Participating	571340.99	4751749.35	22	28	26	40	26	22	21	16	0	0	0	0
369	Year-Round Residence	Non-Participating	572700.86	4749809.70	22	23	22	35	26	23	21	16	7	0	0	0
361	Year-Round Residence	Non-Participating	572717.98	4749764.92	22	23	22	35	26	23	21	16	7	0	0	0
383	Public	Non-Participating	572739.37	4749725.08	22	23	22	35	26	23	21	16	7	0	0	0
295	Year-Round Residence	Non-Participating	571547.10	4751180.35	22	24	22	35	27	23	21	15	2	0	0	0
294	Year-Round Residence	Non-Participating	571678.99	4751671.07	22	28	26	40	26	22	20	16	0	0	0	0
293	Unknown	Non-Participating	571304.34	4751778.21	22	27	26	39	26	22	20	15	0	0	0	0
368	Year-Round Residence	Non-Participating	572719.20	4749814.91	22	23	22	35	26	23	21	16	6	0	0	0
321	Year-Round Residence	Non-Participating	567019.43	4747556.38	22	30	28	42	25	20	20	16	2	0	0	0
23	Year-Round Residence	Non-Participating	571711.42	4750985.73	21	24	22	35	27	23	21	15	2	0	0	0
24	Unknown	Non-Participating	571751.21	4750950.58	21	24	22	35	27	23	21	15	2	0	0	0
365	Year-Round Residence	Non-Participating	572751.22	4749831.40	21	24	22	36	26	23	21	16	6	0	0	0
125	Year-Round Residence	Non-Participating	572739.97	4749821.10	21	23	21	35	26	23	20	16	6	0	0	0
363	Year-Round Residence	Non-Participating	572762.62	4749789.18	21	23	21	35	26	23	20	15	6	0	0	0
370	Year-Round Residence	Non-Participating	572772.84	4749837.95	21	24	22	36	26	23	20	15	5	0	0	0
192	Public	Non-Participating	568362.74	4751682.34	21	23	22	35	26	23	20	15	3	0	0	0
292	Public	Non-Participating	571111.42	4751908.19	21	27	26	39	26	22	20	15	0	0	0	0
360	Year-Round Residence	Non-Participating	572774.46	4749767.27	21	23	21	35	26	23	20	15	6	0	0	0
77	Year-Round Residence	Non-Participating	570980.50	4751971.19	21	27	25	39	26	22	20	15	0	0	0	0
64	Year-Round Residence	Non-Participating	570913.76	4751988.61	21	27	25	39	26	22	20	15	0	0	0	0
71	Year-Round Residence	Non-Participating	570930.65	4751985.07	21	27	25	39	26	22	20	15	0	0	0	0
76	Year-Round Residence	Non-Participating	570962.92	4751977.55	21	27	25	39	26	22	20	15	0	0	0	0
284	Public	Non-Participating	570704.13	4752040.88	21	27	25	39	26	22	20	15	0	0	0	0
20	Year-Round Residence	Non-Participating	568968.94	4751687.04	21	24	23	36	26	23	20	14	2	0	0	0
340	Public	Non-Participating	569982.69	4747395.09	21	24	22	36	26	23	20	15	4	0	0	0
291	Year-Round Residence	Non-Participating	571014.88	4751970.46	21	27	25	39	26	22	20	15	0	0	0	0
180	Year-Round Residence	Non-Participating	570631.53	4752070.08	21	27	25	39	26	22	20	15	0	0	0	0
364	Year-Round Residence	Non-Participating	572791.18	4749801.92	21	23	21	35	26	22	20	15	5	0	0	0
382	Year-Round Residence	Non-Participating	572834.22	4749666.64	21	23	21	35	26	22	20	15	5	0	0	0
290	Year-Round Residence	Non-Participating	570892.05	4751992.09	21	26	25	38	26	22	20	15	0	0	0	0
366	Year-Round Residence	Non-Participating	572816.05	4749852.16	21	24	22	36	26	22	20	15	5	0	0	0
367	Year-Round Residence	Non-Participating	572803.74	4749814.71	21	23	21	35	26	22	20	15	5	0	0	0
254	Year-Round Residence	Non-Participating	572532.80	4748449.56	21	23	21	35	26	22	20	15	5	0	0	0
289	Year-Round Residence	Non-Participating	570850.30	4752006.93	21	26	25	38	26	22	20	14	0	0	0	0
287	Year-Round Residence	Non-Participating	570809.45	4752018.40	21	26	25	38	26	22	20	14	0	0	0	0
182	Year-Round Residence	Non-Participating	570648.56	4752117.38	21	27	25	39	26	22	20	14	0	0	0	0
179	Public	Non-Participating	570594.72	4752115.73	21	27	25	39	26	22	20	14	0	0	0	0
176	Year-Round Residence	Non-Participating	569810.04	4752510.27	21	28	27	40	25	21	20	14	0	0	0	0
19	Year-Round Residence	Non-Participating	568953.46	4751703.03	21	24	23	36	26	23	20	14	2	0	0	0
371	Year-Round Residence	Non-Participating	572843.77	4749757.31	21	23	21	35	25	22	20	15	5	0	0	0
327	Year-Round Residence	Non-Participating	568602.98	4746920.16	21	26	24	38	25	21	19	16	3	0	0	0
372	Year-Round Residence	Non-Participating	572858.24	4749756.37	21	23	21	35	25	22	20	15	5	0	0	0
381	Year-Round Residence	Non-Participating	572878.71	4749643.76	21	23	21	35	25	22	20	15	5	0	0	0
248	Year-Round Residence	Non-Participating	571541.55	4748220.90	21	25	23	36	26	23	20	14	1	0	0	0
6	Year-Round Residence	Non-Participating	571504.09	4751087.43	21	24	22	35	27	23	20	13	0	0	0	0
181	Public	Non-Participating	570640.26	4752158.08	21	26	25	38	25	22	20	14	0	0	0	0
172	Year-Round Residence	Non-Participating	569879.13	4752379.87	21	27	26	39	25	21	19	14	0	0	0	0
373	Year-Round Residence	Non-Participating	572872.27	4749754.77	21	23	21	35	25	22	20	15	4	0	0	0
212	Year-Round Residence	Non-Participating	570983.51	4747947.28	21	24	23	36	26	23	20	14	2	0	0	0
185	Year-Round Residence	Non-Participating	570640.73	4752176.63	21	26	25	38	25	22	19	14	0	0	0	0
183	Year-Round Residence	Non-Participating	570664.18	4752131.94	21	26	25	38	25	22	20	14	0	0	0	0
237	Public	Non-Participating	570159.50	4751921.17	21	23	22	35	26	23	20	14	0	0	0	0
160	Year-Round Residence	Non-Participating	569844.91	4752385.69	21	27	26	39	25	21	19	14	0	0	0	0
379	Year-Round Residence	Non-Participating	572909.71	4749859.26	21	24	23	36	25	22	20	14	3	0	0	0
126	Year-Round Residence	Non-Participating	572899.93	4749689.24	21	23	21	34	25	22	20	15	4	0		

Table E-1.1: Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

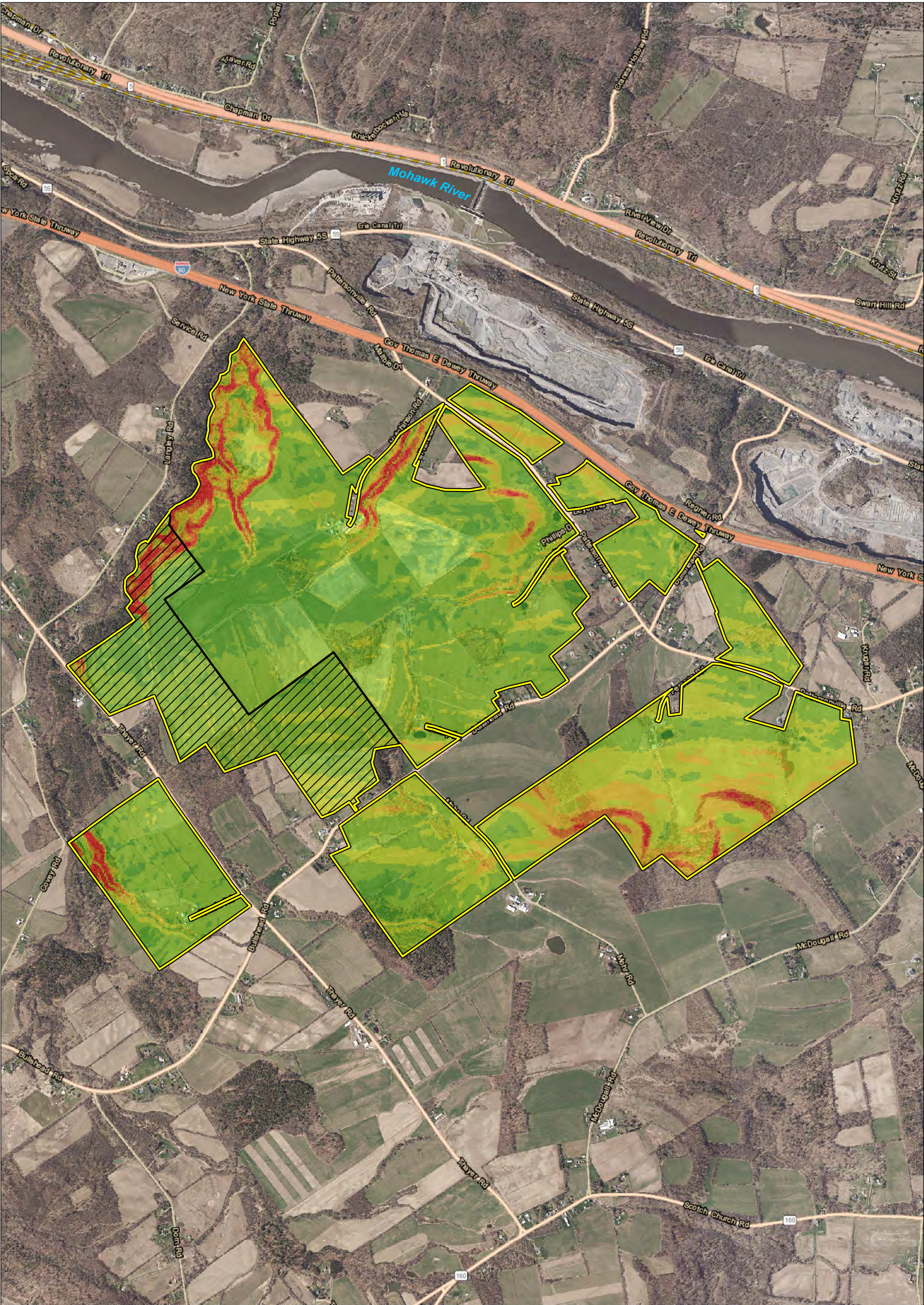
Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-hr Leq (dBA) ¹	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)			16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
175	Public	Non-Participating	570590.39	4752068.13	20	24	23	36	25	22	19	14	0	0	0	0
240	Year-Round Residence	Non-Participating	570687.51	4752185.79	20	26	24	38	25	21	19	14	0	0	0	0
259	Year-Round Residence	Non-Participating	572457.84	4748744.73	20	24	22	36	26	22	19	13	3	0	0	0
210	Year-Round Residence	Non-Participating	570959.39	4747906.86	20	24	23	36	26	22	19	13	0	0	0	0
67	Year-Round Residence	Non-Participating	569092.69	4752804.29	20	28	27	41	24	20	19	14	0	0	0	0
43	Unknown	Non-Participating	568611.35	4747212.27	20	23	21	35	25	22	19	14	1	0	0	0
189	Year-Round Residence	Non-Participating	570668.98	4752220.50	20	26	24	38	25	21	19	13	0	0	0	0
241	Year-Round Residence	Non-Participating	570698.85	4752211.43	20	26	24	38	25	21	19	13	0	0	0	0
173	Public	Non-Participating	569542.00	4752016.12	20	23	22	35	26	22	19	13	0	0	0	0
116	Year-Round Residence	Non-Participating	569040.58	4752235.20	20	28	27	41	24	20	18	13	0	0	0	0
194	Year-Round Residence	Non-Participating	570834.00	4747298.07	20	23	21	35	25	22	19	14	1	0	0	0
328	Year-Round Residence	Non-Participating	568602.80	4746806.20	20	26	24	38	24	21	19	15	1	0	0	0
329	Year-Round Residence	Non-Participating	568733.82	4746784.15	20	26	24	38	24	21	19	15	1	0	0	0
7	Year-Round Residence	Non-Participating	572330.47	4750641.72	20	23	21	35	26	22	19	13	0	0	0	0
281	Year-Round Residence	Non-Participating	570677.59	4752235.20	20	26	24	38	25	21	19	13	0	0	0	0
251	Year-Round Residence	Non-Participating	571774.89	4748195.40	20	24	23	36	26	22	19	13	0	0	0	0
101	Year-Round Residence	Non-Participating	569105.30	4752384.74	20	28	27	40	24	20	18	13	0	0	0	0
266	Year-Round Residence	Non-Participating	568986.07	4752652.27	20	28	26	40	24	20	18	13	0	0	0	0
270	Year-Round Residence	Non-Participating	569047.23	4752666.41	20	28	26	40	24	20	18	13	0	0	0	0
111	Year-Round Residence	Non-Participating	569058.22	4752858.04	20	28	27	40	24	20	18	13	0	0	0	0
174	Year-Round Residence	Non-Participating	569297.82	4752760.00	20	28	26	40	24	20	18	13	0	0	0	0
124	Public	Non-Participating	570968.78	4747357.96	20	23	21	35	25	22	19	13	1	0	0	0
246	Year-Round Residence	Non-Participating	570828.31	4747616.50	20	24	22	36	26	22	19	13	0	0	0	0
177	Unknown	Non-Participating	569305.03	4752805.00	20	28	27	40	24	20	18	13	0	0	0	0
119	Year-Round Residence	Non-Participating	567273.88	4751485.12	20	26	25	39	24	20	19	14	0	0	0	0
117	Year-Round Residence	Non-Participating	567274.95	4751464.62	20	26	25	38	24	20	19	14	0	0	0	0
268	Year-Round Residence	Non-Participating	569018.22	4752677.46	20	28	26	40	24	20	18	13	0	0	0	0
166	Year-Round Residence	Non-Participating	568960.82	4752681.25	20	28	26	40	24	20	18	13	0	0	0	0
232	Year-Round Residence	Non-Participating	569229.29	4752739.45	20	28	26	40	24	20	18	13	0	0	0	0
2	Year-Round Residence	Non-Participating	569091.67	4751745.20	20	24	22	35	25	22	19	13	0	0	0	0
155	Year-Round Residence	Non-Participating	568847.75	4752692.33	20	28	26	40	24	20	18	13	0	0	0	0
235	Year-Round Residence	Non-Participating	569763.21	4752389.65	20	25	23	37	25	21	19	13	0	0	0	0
196	Year-Round Residence	Non-Participating	570720.66	4747177.49	20	23	21	35	25	22	19	13	0	0	0	0
331	Year-Round Residence	Non-Participating	568649.05	4746694.51	20	25	24	37	24	20	18	14	0	0	0	0
187	Year-Round Residence	Non-Participating	570712.67	4752229.46	20	25	23	37	25	21	19	13	0	0	0	0
283	Year-Round Residence	Non-Participating	570687.96	4752247.74	20	25	23	36	25	21	19	13	0	0	0	0
114	Public	Non-Participating	572056.82	4750775.08	20	23	22	35	26	22	19	13	0	0	0	0
4	Year-Round Residence	Non-Participating	568765.88	4751745.05	20	23	22	35	25	22	19	12	0	0	0	0
128	Year-Round Residence	Non-Participating	573037.69	4749750.94	20	22	20	34	25	21	19	13	2	0	0	0
236	Public	Non-Participating	569927.13	4751691.92	19	24	22	35	26	22	19	12	0	0	0	0
244	Year-Round Residence	Non-Participating	570753.47	4747395.47	19	23	22	35	25	22	19	12	0	0	0	0
330	Year-Round Residence	Non-Participating	568379.26	4746530.30	19	26	25	38	23	19	18	14	0	0	0	0
308	Year-Round Residence	Non-Participating	567007.48	4747703.39	19	26	24	38	24	20	18	14	0	0	0	0
296	Year-Round Residence	Non-Participating	572596.07	4750651.28	19	22	21	34	25	21	19	13	0	0	0	0
72	Year-Round Residence	Non-Participating	569017.46	4752535.02	19	25	24	37	24	20	18	13	0	0	0	0
74	Year-Round Residence	Non-Participating	569075.15	4752458.60	19	24	22	36	24	21	18	13	0	0	0	0
73	Year-Round Residence	Non-Participating	569058.69	4752462.36	19	24	22	36	24	21	18	13	0	0	0	0
170	Year-Round Residence	Non-Participating	569255.59	4752648.98	19	26	25	38	24	20	18	12	0	0	0	0
123	Year-Round Residence	Non-Participating	569034.25	4752476.07	19	24	22	36	24	21	18	13	0	0	0	0
306	Year-Round Residence	Non-Participating	566979.42	4747637.85	19	26	24	38	23	20	18	13	0	0	0	0
122	Year-Round Residence	Non-Participating	569012.08	4752481.96	19	24	22	36	24	21	18	13	0	0	0	0
121	Year-Round Residence	Non-Participating	568972.57	4752492.68	19	23	22	36	24	21	18	13	0	0	0	0
118	Year-Round Residence	Non-Participating	568941.24	4752495.21	19	23	22	36	24	20	18	12	0	0	0	0
70	Year-Round Residence	Non-Participating	568984.15	4752538.61	19	24	23	36	24	20	18	12	0	0	0	0
332	Seasonal Residence	Non-Participating	568665.27	4746559.35	19	25	23	37	23	20	18	13	0	0	0	0
66	Year-Round Residence	Non-Participating	568907.64	4752505.78	19	23	22	35	24	20	18	12	0	0	0	0
8	Year-Round Residence	Non-Participating	572415.54	4750611.42	19	23	21	34	25	21	18	11	0	0	0	0
285	Year-Round Residence	Non-Participating	570701.89	4752256.18	19	22	20	34	25	21	18	12	0	0	0	0
61	Year-Round Residence	Non-Participating	568875.55	4752518.54	19	23	22	35	24	20	18	12	0	0	0	0
51	Year-Round Residence	Non-Participating	568847.72	4752520.66	19	23	22	35	24	20	18	12	0	0	0	0
56	Year-Round Residence	Non-Participating	568859.35	4752517.94	19	23	22	35	24	20	18	12	0	0	0	0
68	Year-Round Residence	Non-Participating	568800.97	4752532.63	19	23	22	35	24	20	18	12	0	0	0	0
69	Year-Round Residence	Non-Participating	568815.67	4752529.72	19	23	22	35	24	20	18	12	0	0	0	0
218	Public	Non-Participating	568075.89	4752556.37	19	26	24	38	23	19	17	12	0	0	0	0
273	Year-Round Residence	Non-Participating	568750.17	4752555.24	19	24	22	36	24	20	18	12	0	0	0	0
274	Year-Round Residence	Non-Participating	568719.06	4752557.98	19	24	22	36	24	20	17	12	0	0	0	0
256	Year-Round Residence	Non-Participating	572322.77	4748674.34	19	24	22	35	25	21	17	11	0	0	0	0
333	Year-Round Residence	Non-Participating	568658.15	4746482.43	19	24	23	37	23	19	17	12	0	0	0	0
286	Unknown	Non-Participating	570714.73	4752263.29	18	22	20	34	24	21	18	11	0	0	0	0
276	Year-Round Residence	Non-Participating	568702.37	4752563.05	18	24	22	36	24	20	17	12	0	0	0	0
277	Year-Round Residence	Non-Participating	568688.78	4752565.10	18	24	22	36	24	20	17	12	0	0	0	0
280	Year-Round Residence	Non-Participating	568658.45	4752576.57	18	24	22	36	24	20	17	12	0	0	0	0
58	Year-Round Residence	Non-Participating	568465.27	4752673.67	18	25	24	37	23	19	17	12	0	0	0	0
53	Year-Round Residence	Non-Participating	568629.50	4752581.95	18	24	22	36	24	20	17	12	0	0	0	0
54	Year-Round Residence	Non-Participating	568612.37	4752587.89	18	24	22	36	23	20	17	12	0	0	0	0
278	Year-Round Residence	Non-Participating	568673.40	4752570.61	18	24	22	36	24	20	17	12	0	0	0	0
60	Seasonal Residence	Non-Participating	568418.64	4752696.33	18	26	24	38	23	19	17	11	0	0	0	0
250	Year-Round Residence	Non-Participating	572152.87	4748582.63	18	24	22	35	25	21	17	10	0	0	0	0
62	Seasonal Residence	Non-Participating	568398.88	4752701.37	18	26	24	38	23	19	17	11	0	0	0	0
262	Year-Round Residence	Non-Participating	567291.22	4751402.10	18	21	20	33	24	20	17	11	0	0	0	0
55	Year-Round Residence	Non-Participating	568576.83	4752594.95	18	24	22	36	23	20	17	11	0	0	0	0
57	Year-Round Residence	Non-Participating	568531.64	4752604.53	18	24	23	36	23	20	17	11	0	0	0	0
279	Year-Round Residence	Non-Participating	570789.93	4752380.77	18	22	21	34	24	20	17	11	0	0	0	0
63	Year-Round Residence	Non-Participating	568369.11	4752701.07	18	25	23	37	23	19	17	11	0	0	0	0
320	Year-Round Residence	Non-Participating	566847.98	4747795.26	18	25	23	37	23	19	17	11	0	0	0	

Table E-1.1: Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-hr Leq (dBA) ¹	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			UTM NAD83 Zone 18N (meters)													
			X (m)	Y (m)			16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
200	Year-Round Residence	Non-Participating	570444.44	4746893.04	18	22	20	34	24	20	17	11	0	0	0	0
208	Year-Round Residence	Non-Participating	570306.53	4746795.57	18	22	20	34	24	20	17	11	0	0	0	0
271	Year-Round Residence	Non-Participating	570838.81	4752353.57	18	21	20	33	24	20	17	10	0	0	0	0
275	Year-Round Residence	Non-Participating	570837.96	4752436.24	18	22	20	34	24	20	17	10	0	0	0	0
334	Year-Round Residence	Non-Participating	569416.12	4746629.33	18	21	20	33	24	20	17	11	0	0	0	0
264	Year-Round Residence	Non-Participating	570820.38	4752315.64	18	21	20	33	24	20	17	10	0	0	0	0
10	Year-Round Residence	Non-Participating	573021.10	4750568.21	18	21	19	33	24	20	17	10	0	0	0	0
130	Public	Non-Participating	573418.06	4749653.73	18	22	20	34	23	20	17	11	0	0	0	0
202	Year-Round Residence	Non-Participating	570544.19	4746908.91	18	21	20	33	23	20	17	11	0	0	0	0
304	Year-Round Residence	Non-Participating	566802.31	4748189.24	18	21	19	33	23	20	17	11	0	0	0	0
9	Year-Round Residence	Non-Participating	572979.30	4750586.96	18	21	19	33	24	20	17	10	0	0	0	0
11	Year-Round Residence	Non-Participating	573062.52	4750545.30	18	21	19	33	23	20	17	10	0	0	0	0
339	Year-Round Residence	Non-Participating	570502.82	4746733.69	18	21	20	33	23	20	17	10	0	0	0	0
92	Public	Non-Participating	567848.44	4752102.04	17	21	19	33	23	20	17	10	0	0	0	0
204	Unknown	Non-Participating	570640.92	4746963.17	17	22	20	33	23	20	17	10	0	0	0	0
338	Year-Round Residence	Non-Participating	570214.03	4746605.64	17	21	20	33	23	20	17	10	0	0	0	0
229	Unknown	Non-Participating	568222.99	4752734.08	17	24	22	36	23	19	16	10	0	0	0	0
341	Public	Non-Participating	570636.02	4746880.89	17	21	20	33	23	20	16	10	0	0	0	0
342	Seasonal Residence	Non-Participating	570631.08	4746914.46	17	22	20	33	23	20	16	10	0	0	0	0
205	Year-Round Residence	Non-Participating	570673.58	4746983.15	17	22	20	33	23	20	16	10	0	0	0	0
335	Year-Round Residence	Non-Participating	569383.86	4746504.34	17	21	19	33	23	20	17	10	0	0	0	0
343	Year-Round Residence	Non-Participating	570677.55	4746933.28	17	21	20	33	23	20	16	10	0	0	0	0
120	Year-Round Residence	Non-Participating	567750.08	4752130.74	17	21	19	33	23	20	16	10	0	0	0	0
25	Unknown	Non-Participating	573141.34	4750526.06	17	21	19	32	23	19	16	10	0	0	0	0
129	Year-Round Residence	Non-Participating	573514.91	4749609.38	17	22	20	33	23	19	16	10	0	0	0	0
337	Year-Round Residence	Non-Participating	570085.96	4746487.53	17	21	19	33	23	19	16	10	0	0	0	0
314	Public	Non-Participating	573576.04	4749828.47	17	22	21	34	23	19	16	10	0	0	0	0
344	Year-Round Residence	Non-Participating	570748.93	4746980.95	17	21	20	33	23	19	16	9	0	0	0	0
305	Year-Round Residence	Non-Participating	566642.20	4748163.67	17	20	19	32	23	19	16	9	0	0	0	0
336	Seasonal Residence	Non-Participating	569777.18	4746578.72	17	21	19	33	23	19	16	9	0	0	0	0
79	Year-Round Residence	Non-Participating	573380.58	4750282.73	16	20	19	32	23	19	15	9	0	0	0	0
80	Year-Round Residence	Non-Participating	573433.33	4750244.45	16	20	19	32	23	19	15	8	0	0	0	0
345	Year-Round Residence	Non-Participating	570882.06	4747052.83	14	20	19	32	21	17	12	4	0	0	0	0

1. Addresses stipulation (e) (1).

Attachment D. Revised Figure 21-1. Existing Slopes



Project Area

Envision Dairy Parcel

Slope

0 - 3%

3 - 8%

8 - 15%

15 - 25%

25 - 35%

> 35%

0

1,500

3,000

Feet

MAP LOCATION

NEXTERA

ENERGY

RESOURCES

EXISTING SLOPES

HIGH RIVER ENERGY CENTER, LLC

TOWN OF FLORIDA, NY

REVISED FIGURE 21-1

MAY 2020

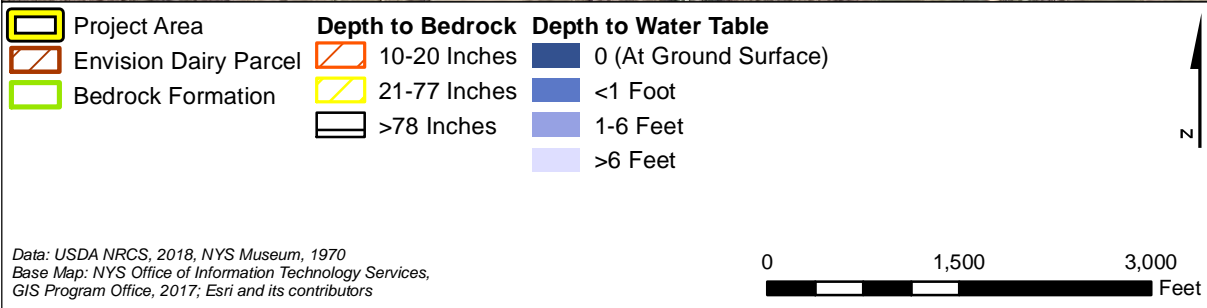
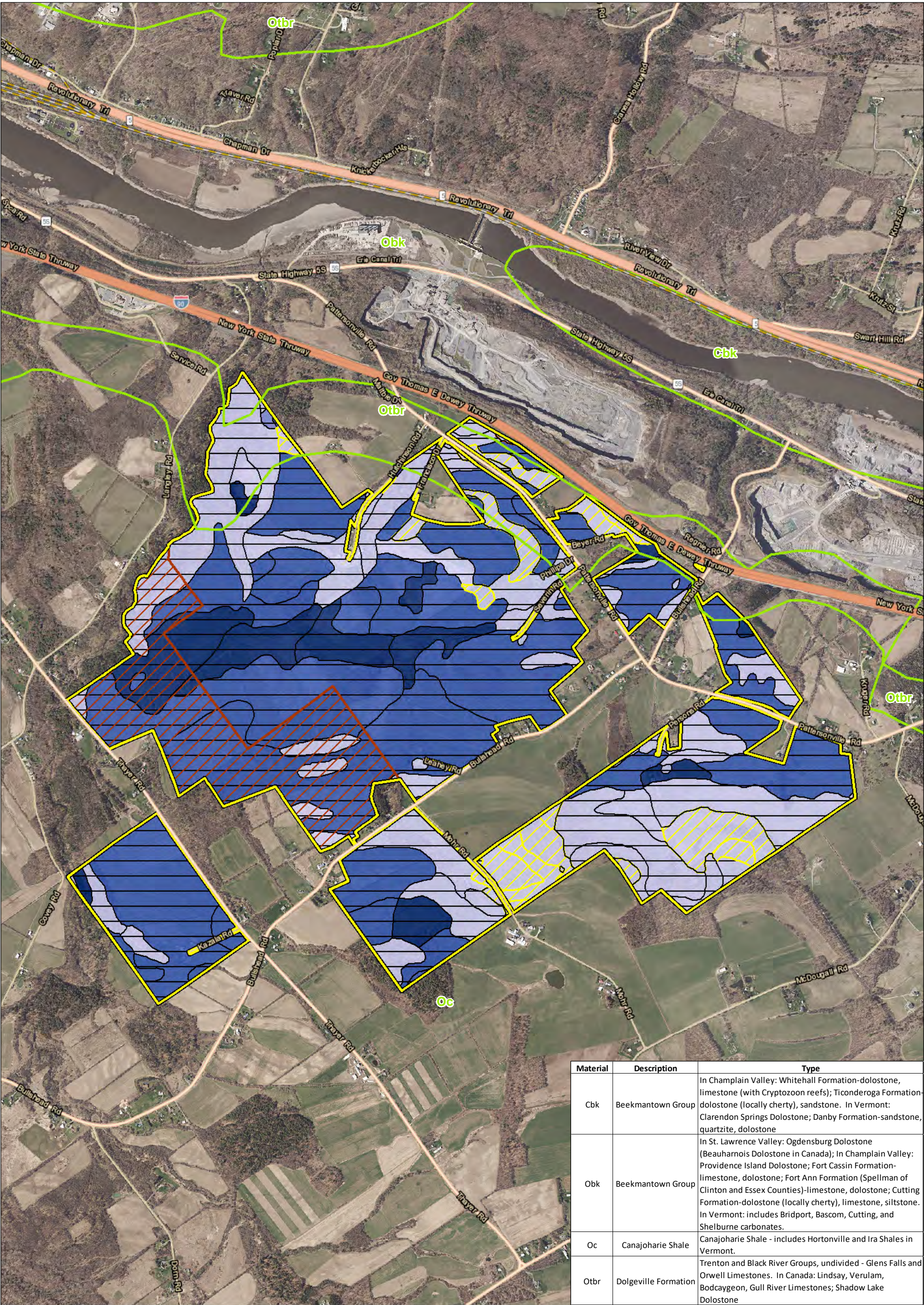
Map Produced by

Data: USGS, 2016

Base Map: NYS Office of Information Technology Services,

GIS Program Office, 2017; Esri and its contributors

Attachment E. Revised Figure 21-3. Bedrock



Material	Description	Type
Cbk	Beekmantown Group	In Champlain Valley: Whitehall Formation-dolostone, limestone (with Cryptozoon reefs); Ticonderoga Formation-dolostone (locally cherty), sandstone. In Vermont: Clarendon Springs Dolostone; Danby Formation-sandstone, quartzite, dolostone
Obk	Beekmantown Group	In St. Lawrence Valley: Ogdensburg Dolostone (Beauharnois Dolostone in Canada); In Champlain Valley: Providence Island Dolostone; Fort Cassin Formation-limestone, dolostone; Fort Ann Formation (Spellman of Clinton and Essex Counties)-limestone, dolostone; Cutting Formation-dolostone (locally cherty), limestone, siltstone. In Vermont: includes Bridport, Bascom, Cutting, and Shelburne carbonates.
Oc	Canajoharie Shale	Canajoharie Shale - includes Hortonville and Ira Shales in Vermont.
Otbr	Dolgeville Formation	Trenton and Black River Groups, undivided - Glens Falls and Orwell Limestones. In Canada: Lindsay, Verulam, Bodcaygeon, Gull River Limestones; Shadow Lake Dolostone

MAP LOCATION

NEXTERA ENERGY RESOURCES

BEDROCK

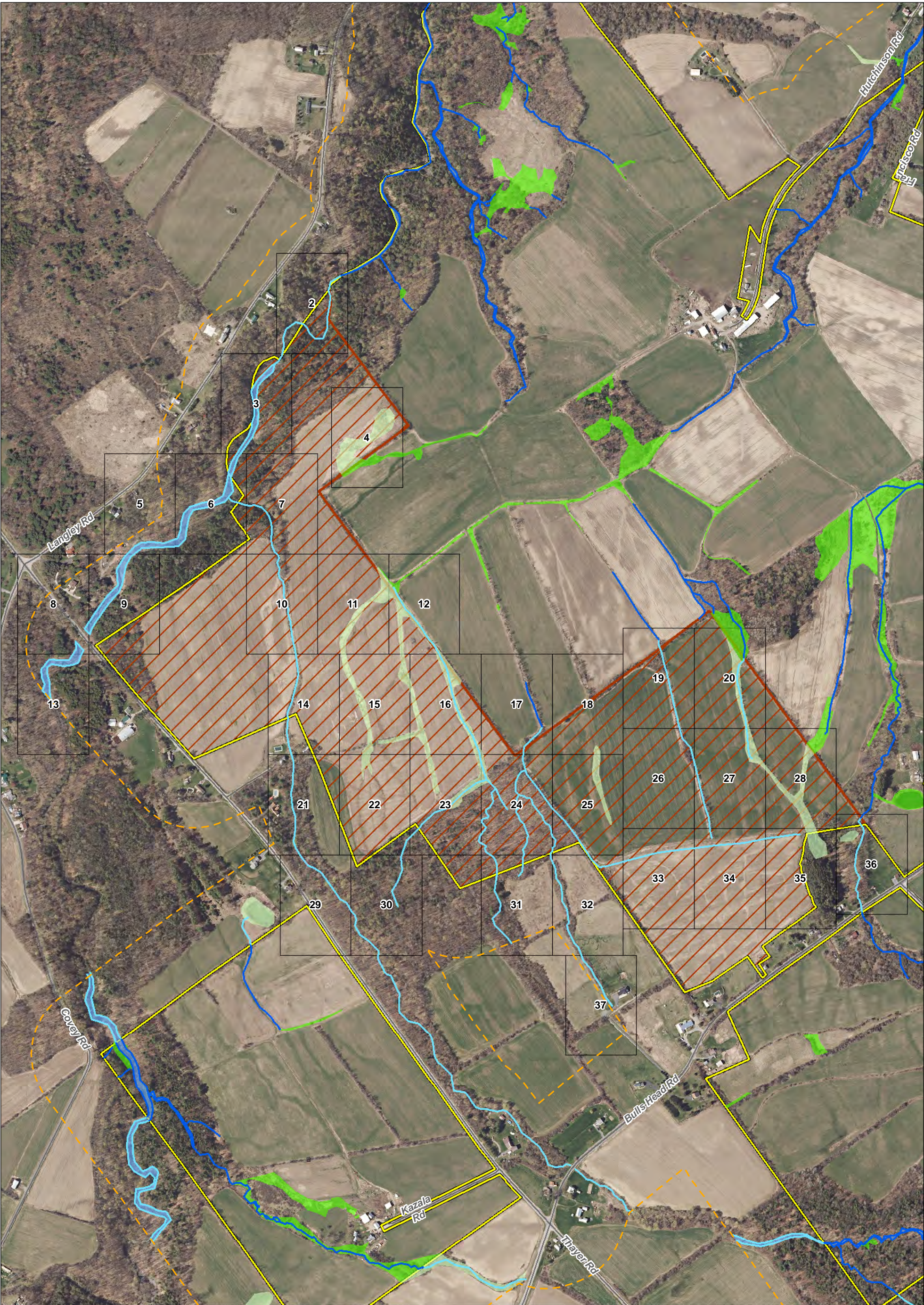
HIGH RIVER ENERGY CENTER, LLC

TOWN OF FLORIDA, NY

REVISED FIGURE 21-3 MAY 2020

Map Produced by **TRC**

Attachment F. New Figure 22-5. Predicted Wetlands



Project Area

500-Ft Buffer Around Project Area

Delineated Stream

Predicted Stream

Delineated Wetland

Predicted Wetland

Envision Dairy Parcel

Figure Index

0

650

1,300

Feet

MAP LOCATION

New York

NEXTERA[®]

ENERGY

RESOURCES

PREDICTED WETLANDS AND STREAMS

HIGH RIVER ENERGY CENTER, LLC

TOWN OF FLORIDA, NY

SHEET 1 OF 37

FIGURE 22-5

MAY 2020

Map Produced by

TRC

Data: TRC 2017-2019; Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018








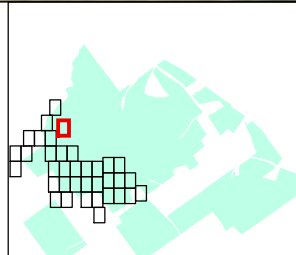





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Data: TRC 2017-2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2017



<p> Project Area</p> <p> 500-Ft Buffer Around Project Area</p> <p> Delineated Wetland</p> <p> Predicted Wetland</p>	<p>0 25 50 Feet</p> <p></p> <p></p>	<p>MAP LOCATION</p> <p></p>	<p></p> <p>PREDICTED WETLANDS AND STREAMS</p> <p>HIGH RIVER ENERGY CENTER, LLC</p> <p>TOWN OF FLORIDA, NY</p> <p>SHEET 4 OF 37</p> <table border="1"><tr><td>FIGURE 22-5</td><td>MAY 2020</td></tr><tr><td colspan="2">Map Produced by </td></tr></table>	FIGURE 22-5	MAY 2020	Map Produced by 	
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Map Produced by 							

Data: TRC 2017-2020
Base Map: NYS Office of Information Technology Services, GIS Program Office, 2017



<p> 500-Ft Buffer Around Project Area</p> <p> Predicted Stream</p> <p> Delineated Stream Area</p> <p>Data: TRC 2017-2020 Base Map: NYS Office of Information Technology Services, GIS Program Office, 2017</p> <p>0 25 50 Feet</p>	<p>N</p>	<p>MAP LOCATION</p>	<p></p> <p>PREDICTED WETLANDS AND STREAMS</p> <p>HIGH RIVER ENERGY CENTER, LLC</p> <p>TOWN OF FLORIDA, NY</p> <p>SHEET 5 OF 37</p> <table border="1"><tr><td>FIGURE 22-5</td><td>MAY 2020</td></tr><tr><td colspan="2">Map Produced by </td></tr></table>	FIGURE 22-5	MAY 2020	Map Produced by	
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

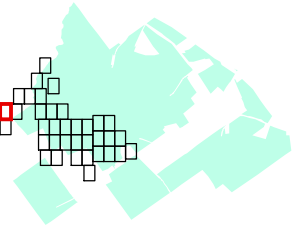







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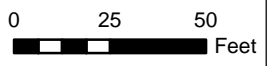
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

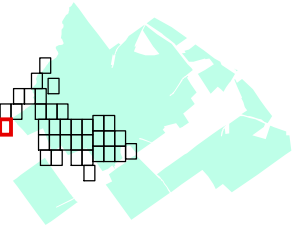
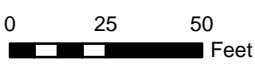





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

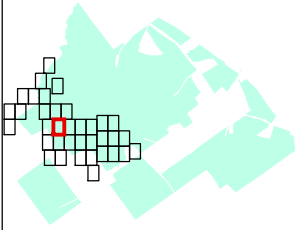







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<p> 500-Ft Buffer Around Project Area</p> <p> Predicted Stream</p> <p> Delineated Stream Area</p> <p><small>Data: TRC 2017-2020 Base Map: NYS Office of Information Technology Services, GIS Program Office, 2017</small></p>	<p></p> <p></p> <p></p>	<p>MAP LOCATION</p> <p></p>	<p></p> <p>PREDICTED WETLANDS AND STREAMS</p> <p>HIGH RIVER ENERGY CENTER, LLC TOWN OF FLORIDA, NY SHEET 13 OF 37</p> <table border="1"><tr><td>FIGURE 22-5</td><td>MAY 2020</td></tr><tr><td colspan="2">Map Produced by </td></tr></table>	FIGURE 22-5	MAY 2020	Map Produced by 	
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<p> Project Area</p> <p> 500-Ft Buffer Around Project Area</p> <p> Predicted Wetland</p> <p><small>Data: TRC 2017-2020 Base Map: NYS Office of Information Technology Services, GIS Program Office, 2017</small></p>	<p> </p> <p>0 25 50 Feet</p>	<p>MAP LOCATION</p> <p></p>	<p></p> <p>PREDICTED WETLANDS AND STREAMS</p> <p>HIGH RIVER ENERGY CENTER, LLC</p> <p>TOWN OF FLORIDA, NY</p> <p>SHEET 15 OF 37</p> <table border="1"><tr><td>FIGURE 22-5</td><td>MAY 2020</td></tr><tr><td colspan="2">Map Produced by </td></tr></table>	FIGURE 22-5	MAY 2020	Map Produced by 	
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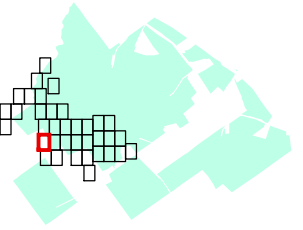







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


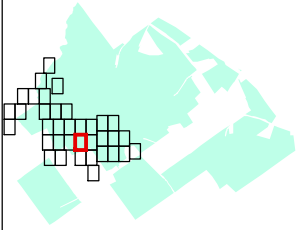
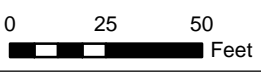







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<div>Map Produced by <div><div></div></div> TRC</div>			



<div><div><div></div><div>Project Area</div></div><div><div></div><div>500-Ft Buffer Around Project Area</div></div><div><div></div><div>Predicted Stream</div></div><div><div></div><div>Predicted Wetland</div></div></div> <div data-bbox="937 2741 1225 3030"><div><div>N</div><div></div></div><div><div>0</div><div>25</div><div>50</div><div>Feet</div></div></div> <div data-bbox="1225 2741 1520 3030"><div><div>MAP LOCATION</div><div></div></div></div> <div data-bbox="1520 2741 1945 3030"><div><div></div><div><div>PREDICTED WETLANDS AND STREAMS</div><div>HIGH RIVER ENERGY CENTER, LLC</div><div>TOWN OF FLORIDA, NY</div><div>SHEET 23 OF 37</div></div><div><div>FIGURE 22-5</div><div>MAY 2020</div></div><div><div>Map Produced by</div><div></div></div></div></div>
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<p> Project Area</p> <p> 500-Ft Buffer Around Project Area</p> <p> Predicted Stream</p> <p> Predicted Wetland</p> <p><small>Data: TRC 2017-2020 Base Map: NYS Office of Information Technology Services, GIS Program Office, 2017</small></p>	<p></p> <p></p> <p></p>	<p>MAP LOCATION</p> <p></p>	<p></p> <p>PREDICTED WETLANDS AND STREAMS</p> <p>HIGH RIVER ENERGY CENTER, LLC TOWN OF FLORIDA, NY SHEET 24 OF 37</p> <table border="1"><tr><td>FIGURE 22-5</td><td>MAY 2020</td></tr><tr><td colspan="2">Map Produced by </td></tr></table>	FIGURE 22-5	MAY 2020	Map Produced by 	
FIGURE 22-5	MAY 2020						
Map Produced by 							




<div><div><div></div></div><div>Project Area</div></div> <div><div><div></div></div><div>500-Ft Buffer Around Project Area</div></div> <div><div><div></div></div><div>Predicted Stream</div></div> <div><div><div></div></div><div>Predicted Wetland</div></div>	<div><div><div></div></div><div>N</div></div> <div><div><div></div></div><div>0 25 50 Feet</div></div>	MAP LOCATION	<div><div><div></div></div><div>NEXTera[®] ENERGY RESOURCES</div></div>
		<div><div><div></div></div><div>New York</div></div>	PREDICTED WETLANDS AND STREAMS
			HIGH RIVER ENERGY CENTER, LLC TOWN OF FLORIDA, NY SHEET 25 OF 37
			FIGURE 22-5 MAY 2020 Map Produced by <div><div></div>TRC</div>



 Project Area

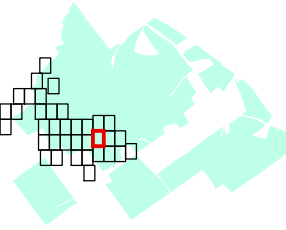
 500-Ft Buffer Around Project Area

 Predicted Stream


02550


Feet

N



MAP LOCATION





PREDICTED WETLANDS
AND STREAMS


HIGH RIVER ENERGY CENTER, LLC

TOWN OF FLORIDA, NY

SHEET 26 OF 37

FIGURE 22-5







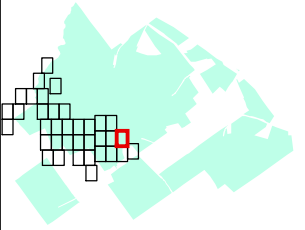





MAY 2020

Map Produced by 



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FIGURE 22-5	MAY 2020						
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FIGURE 22-5	MAY 2020						
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		HIGH RIVER ENERGY CENTER, LLC	
		TOWN OF FLORIDA, NY	
SHEET 34 OF 37			
FIGURE 22-5	MAY 2020		
Map Produced by			



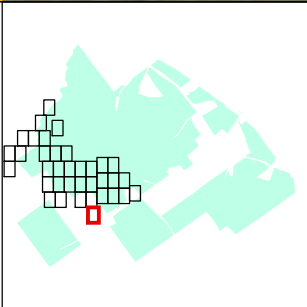







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<p> 500-Ft Buffer Around Project Area</p> <p> Predicted Stream</p> <p><small>Data: TRC 2017-2020 Base Map: NYS Office of Information Technology Services, GIS Program Office, 2017</small></p>	<p></p>	<p>MAP LOCATION</p> <p></p>	<p></p> <p>PREDICTED WETLANDS AND STREAMS</p> <p>HIGH RIVER ENERGY CENTER, LLC TOWN OF FLORIDA, NY SHEET 37 OF 37</p> <table border="1"><tr><td>FIGURE 22-5</td><td>MAY 2020</td></tr><tr><td colspan="2">Map Produced by </td></tr></table>	FIGURE 22-5	MAY 2020	Map Produced by 	
FIGURE 22-5	MAY 2020						
Map Produced by 							

Attachment G. Winter Raptor Survey

REDACTED

This document contains critical infrastructure information, confidential commercial information, trade secrets, proprietary information, and/or information protected by law and as such is entitled to confidential treatment under separate cover under Section 87(2) of the New York State Public Officers Law and the Commission's regulations (16 NYCRR Subpart 6-1). An unredacted version of this document has been submitted under separate cover pursuant to 16 NYCRR § 6-1.4.