Acoustic Assessment Report

424 Sobye Road, Grimsby, Ontario

Escarpment Renewables

August 26, 2024

→ The Power of Commitment

Ontario

Ministry of the Environment, Conservation and Parks

Acoustic Assessment Report Check-List

Company Name

Escarpment Renewables

Company Address

Unit Number	Street Number	Street Name	PO Box
	424	Sobye Road	

City/Town	Province	Postal Code
Grimsby	Ontario	L3M 0K8

Location of Facility

424 Sobye Road, Grimsby, Ontario

The attached Acoustic Assessment Report was prepared in accordance with the guidance in the ministry document “Information to be Submitted for Approval of Stationary Sources of Sound” (NPC-233) dated October 1995 and the minimum required information identified in the check-list on the reverse of this sheet has been submitted.

Company Contact

Company Contact

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Signature	Date (yyyy/mm/dd)
	2023/11/24

Technical Contact

Technical Contact

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Representing	Telephone Number
GHD	519-580-3842

Signature	Date (yyyy/mm/dd)
	2023/11/08

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	Required Information	Submitted	Explanation/Reference
1.0	**Introduction (Project Background and Overview)**	☑ Yes	Section 1
2.0	**Facility Description**		
	2.1 Operating hours of Facility and significant Noise Sources	☑ Yes	Section 1
	2.2 Site Plan identifying all significant Noise Sources	☑ Yes	Figure 1
3.0	**Noise Source Summary**		
	3.1 Noise Source Summary Table	☑ Yes	Table 1
	3.2 Source noise emissions specifications	☑ Yes	Table 1/Appendix C
	3.3 Source power/capacity ratings	☑ Yes	Table 1
	3.4 Noise control equipment description and acoustical specifications	☑ Yes	Table 1/Section 5
4.0	**Point of Reception Noise Impact Calculations**		
	4.1 Point of Reception Noise Impact Table	☑ Yes	Table 2
	4.2 Point(s) of Reception (POR) list and description	☑ Yes	Section 3
	4.3 Land-use Zoning Plan	☑ Yes	Appendix A
	4.4 Scaled Area Location Plan	☑ Yes	Figure 2/3
	4.5 Procedure used to assess noise impacts at each POR	☑ Yes	Cadna A/ISO 9613-2
	4.6 List of parameters/assumptions used in calculations	☑ Yes	Section 5
5.0	**Acoustic Assessment Summary**		
	5.1 Acoustic Assessment Summary Table	☑ Yes	Table 3
	5.2 Rationale for selecting applicable noise guideline limits	☑ Yes	Section 5
	5.3 Predictable Worst Case Impacts Operating Scenario	☑ Yes	Section 5
6.0	**Conclusions**		
	6.1 Statement of compliance with the selected noise performance limits	☑ Yes	Section 6
7.0	**Appendices (Provide details such as)**		
	Listing of Insignificant Noise Sources	☑ Yes	Appendix B
	Manufacturer’s Noise Specifications	☑ Yes	Section 4/Appendix C
	Calculations	☑ Yes	Appendix E/Cadna A
	Instrumentation	☑ Yes	Section 4
	Meteorology during Sound Level Measurements	☑ Yes	Section 4
	Raw Data from Measurements	☑ Yes	Appendix C
	Drawings (Facility / Equipment)	☑ Yes	Figure 1

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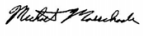
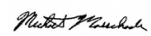
S4	FINAL	Sam East	Michael Masschaele		Michael Masschaele		Aug.26, 2024

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Executive Summary

GHD was retained by Escarpment Renewables (Escarpment) to assess the environmental sound emissions for the anaerobic digestor facility (Facility) located at 424 Sobye Road, Grimsby, Ontario (Site). This Acoustic Assessment Report (AAR) is required in support of the Facility's amendment application to the Ministry of the Environment, Conservation and Parks (MECP) existing Renewable Energy Approval (REA).

The analysis indicates that the cumulative sound emissions of the Facility meet the sound level limits established in accordance with NPC-300 at the nearest residences during the predictable worst-case hour upon implementation of a Noise Abatement Plan.

This report is subject to, and must be read in conjunction with, the limitations set out in Section 1.2 and the assumptions and qualifications contained throughout the Report.

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1. Introduction

1.1 Purpose of this Report

GHD has prepared an updated Acoustic Assessment Report (AAR) for the Escarpment Renewables facility (Facility) located at 424 Sobye Road, Grimsby, Ontario. This AAR has been prepared to support the Facility's Renewable Energy Approval (REA) amendment application to the Ministry of the Environment, Conservation and Parks (MECP). The Facility currently operates under REA (Air & Noise) No. 8541-9HSGG3 that was originally dated February 16, 2012 and was most recently amended April 22, 2020. The updates to the Facility and its acoustic assessment are as follows:

– Updated aerial imagery
– New sound measurements taken of all existing equipment (S1 – S8, S17 – S19)
– Evaluation of a proposed Site expansion including a new organic processing building, a renewable natural gas (RNG) upgrading facility with virtual injection, and additional biogas digestion/storage tanks (S10 – S16)

Escarpment operates an anaerobic digestor (AD) for the purposes of power generation from biogas harvested from biodegradable waste. The proposed expansion will expand the capabilities of the Facility to include the generation of RNG. This RNG will be shipped through a ‘virtual pipeline’ (i.e., by truck) to an injection site for direct injection into an existing natural gas pipeline. The Facility operates up to 24 hours per day, 7 days per week and 52 weeks per year under the North American Industry Classification System (NAICS) Code 562210 – "Waste Treatment and Disposal".

This AAR provides an evaluation of the potential noise impacts at the sensitive receptors located nearest to the Facility. The AAR was prepared consistent with the following MECP guidance:

– NPC-103, "Procedures", August 1978
– NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October 1995
– "Basic Comprehensive Certificates of Approval (Air), User Guide, Appendix A - Supporting Information for an Acoustic Assessment Report or Vibration Assessment Report Required by a Basic Comprehensive CofA prepared by the Environmental Assessment and Approvals Branch, Version 2.1, March 2011"
– NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning", August 2013

The Facility is located on Agricultural zoned land. The land immediately surrounding the Facility in all directions and all sensitive receptors are also zoned Agricultural. The land north of the Facility is a subset of agricultural zoning called Specialty Crop which does not permit residential development on existing lots zoned specialty crop per the Town of Grimsby By-Law No. 14-45. As a result, this land does not include any vacant lot receptors. A zoning map and zoning definitions are provided in Appendix A. A site plan is provided on Figure 1. The Facility is in an Acoustical Class 3 area defined by NPC-300 as rural areas with an acoustical environment that is dominated by natural sounds having little or no road traffic. Topographical changes in terrain surrounding the Facility are reflected in the acoustic model.

2. Noise Source Summary

This AAR focuses on the sound emissions from the significant noise sources identified at the Facility with the potential to adversely impact the sensitive receptors. The significant noise sources are identified in the Noise Source Summary Table 1 and the locations are identified on Figure 1.

For clarity, modelling IDs are consistent with the Emission Summary Dispersion Modelling (ESDM) report. Noise-only sources have been identified using an alternate naming method.

As mentioned in Section 4 of this report, GHD has modelled all the significant proposed noise sources associated with the Facility expansion based on provided manufacturer specifications or sound level data that is considered representative of the equipment based on size and power rating. Prior to finalization of equipment selections, equipment specifications (including sound level data) should be reviewed to ensure they are within the "not-to-exceed" sound levels specified in this AAR.

Onsite transport truck activities for shipping and receiving is summarized below:

Type of Vehicle	Day 7 AM- 7 PM (Trips/hour)	Evening 7 PM- 11 PM (Trips /hour)	Night 11 PM- 7 AM (Trips /hour)
All Truck Traffic (Processing Area, Liquid Loading, RNG, Residuals, Digestate)	10	3	3

These modelled truck traffic volumes are greater than what is stipulated in the design and operations report. This has been done to account for the occasional hour where higher than expected truck traffic may occur and to allow for future growth and expansion of the Facility.

In additional to the steady-state noise sources associated with regular operations, the Facility has one emergency generator (source Emg_1) which is tested monthly for routine maintenance during daytime hours only, for up to 1 hour.

The Facility is not a source of impulse noise or vibration.[1]

The significant equipment sources are all either trucking related activities, rooftop equipment, or outdoor equipment located beside the building. The Facility does not have any significant interior noise sources resulting in breakout noise anywhere from the building other than the bay doors modelled. The existing buildings at the Facility are made of standard industrial construction materials. The other noise sources at the Facility have not been included since they are considered insignificant contributors to the overall Facility noise level at the sensitive receptors. A summary of insignificant noise sources is provided in Table B.1 of Appendix B.

3. Point of Reception Summary

The identification of appropriate sensitive point(s)-of-reception (POR) is necessary to conduct the AAR for the Facility. A POR is any point on the premises of a person where sound, originating from other than those premises, is received. The POR may be located on permanent or seasonal residences, nursing/retirement homes, rental residences, hospitals, campgrounds, schools, or places of worship.

The objective of this AAR is to determine the predictable worst-case 1-hour equivalent sound level (1-hour Leq) at the worst-case PORs. The worst-case PORs are defined as the sensitive receptors with the greatest potential exposure to the Facility noise sources due to proximity and direct line-of-sight exposure. The worst-case sensitive POR(s) are:

– POR1 – nearest façade of a two-storey residence on Park Road South approximately 400 m west of the site (4.5 metres [m] above grade [AG])
– POR2 – nearest façade of a two-storey residence on Sobye Road approximately 450 m west of the site (4.5 m AG)
– POR3 – nearest façade of a two-storey residence on Sobye Road approximately 500 m west of the site (4.5 m AG)

[1] Assessment of vibration if applicable is assessed according to NPC-207.

– POR4 – nearest façade of a one-storey residence on Sobye Road approximately 500 m east of the site (1.5 m AG)
– POR5 – nearest façade of a two-storey residence on Mud Street East approximately 800 m south of the site (4.5 m AG)
– POR6 - nearest façade of a one-storey residence on Park Road South approximately 500 m northwest of the site (1.5 m AG)

The location of the worst-case PORs are identified on Figure 2.

In accordance with NPC-300 all PORs locations within 500 m of the Facility were considered including the planes of windows which were assessed for daytime and night time noise limits. In addition, the ground level amenity areas, within 30 m of each POR, were also evaluated for daytime noise limits; however, the noise impact at the worst-case and most exposed PORs are presented herein. GHD also evaluated the zoning surrounding the Facility to identify any potential vacant lots that permit a residential build and has included all relevant PORs.

4. Sound Level Data

4.1 Short Term Steady State Sound Level Measurements

Short-term sound level measurements of the existing equipment and operations were necessary in order to assess the worst-case potential noise impact at the PORs.

Short-term sound level measurements were taken using a Larson Davis LxT System inclusive of a Type 1 Precision Sound Level Meter (SLM), (Serial Number 001181); and a 50-mm (1/2-inch) free field condenser microphone Model 4189 (Serial Number 318571). The SLM was calibrated and checked at 114 decibels (dBA) before and after each measurement period using a Larson Davis CAL200 Acoustic Calibrator (Serial Number 2477782).

The sound descriptor used in the impact evaluation for the Facility noise sources is the 1-hour Leq, which is a time weighted energy average of the source. The Leq sound measurements consisted of short-term readings taken over an observation time of 15-second intervals with the detector in slow response using A-weighting, such that the sound levels are reported in units of dBA. All measurements were recorded and stored in the SLM. In accordance with NPC-103 "Procedures", August 1978 (NPC-103), at least three measurements were taken for each of the Facility noise sources.

Sound level measurements were taken at a reference distance depending on the height of the sources being measured and proximity to other noise sources. The location and reference distance were selected to ensure that the reference measurement was a valid representation of the dominant sources being measured. The measurement location was selected in order to measure the sound emitted in the direction of the worst-case exposure in line with the nearby sensitive receptors wherever possible and/or to minimize the influence of other noise sources and directivity issues.

Sound level measurements were conducted on June 21, 2021. Meteorological conditions consisted of low winds (<20 km/hr), low humidity, and minimal precipitation during the time measurements were conducted.

4.2 Manufacturer or Previously Published Sound Level Data

Estimated sound levels for the proposed equipment is based on GHD noise source library or client supplied manufacturer specifications were used to evaluate the worst-case potential environmental noise impact based on the equipment lists, design data and equipment ratings and design concept available at the time that this AAR was being prepared.

The quantitative sound power level and sound pressure level data documented in this AAR for the proposed equipment must be considered the maximum allowable design values that cannot be exceeded. If any of the proposed noise sources are tonal in character (i.e., prominent or discrete tone, whine, screech and/or hum), a 5 dB tonality penalty should be subtracted from the sound power level and sound pressure level data documented in this AAR, as required under NPC-104. The published reference sound level data or manufacturer specifications used in this assessment are presented in Appendix D.

Where no octave band data was available for equipment sound level, the impact was estimated using the single sound power level for the 500 Hz octave band, as outlined in ISO 9132-2, "*Acoustics – Attenuation of Sound During Propagation Outdoors – Part 2: General Methods of Calculation, 1996"* (ISO 9613-2).

The following assumptions and noise control measures were used to complete the assessment:

– Equipment list, locations and specifications were based on the development concept and figures/information provided by Escarpment Renewables.

– **RNG Facility Inlet Compressor (S15)** is assumed to be a 75-horsepower (hp) 1,800-revolution per minute (RPM) compressor. Sound levels for a 75-hp compressor referenced from Hoover and Keith Noise Control for Buildings and Manufacturing Plants, Electric Motors, Table 7-12:

Octave Band (Hz)	31.5	63	125	250	500	1000	2000	4000	8000	LwA
Sound Power Level (dB)	92.0	87.0	87.0	86.0	89.0	92.0	92.0	90.0	87.0	108.6

This is a maximum allowable sound level limit.

– **RNG Facility Outlet Compressor (S12A & S12B)** - There will be 2 duplex compressor units to compressor the renewable natural gas before storing it in a transport truck. These compressors will have a sound power level of 105.5 dBA (equivalent to 85 dBA at 10 feet) as stipulated by the vendor supplying the equipment:

Octave Band (Hz)	31.5	63	125	250	500	1000	2000	4000	8000	LwA
Sound Power Level (dB)	99.9	94.9	94.9	93.9	96.9	99.9	99.9	97.9	94.9	105.5

– **RNG Facility Chillers (S13A & S13B)** – There will be 2 chiller units associated with the operations of the RNG Facility. These chillers will have a sound power level of 91.6 dBA (equivalent to 63 dBA at 33 feet) as provided by the manufacture and included in Appendix D:

Octave Band (Hz)	31.5	63	125	250	500	1000	2000	4000	8000	LwA
Sound Power Level (dB)	85.6	102.7	97.7	93.0	88.9	85.7	81.4	74.5	68.3	91.6

– **Organic Processing Turbo Separators (Indoor Noise Source S16A - S16F)** -There will be 2 turbo separators inside the organic processing facility for the purposes of processing and sorting incoming waste. These separators will have a sound power level of 101.3 dBA (equivalent to 90 dB at 5 feet) as provided by the manufacture and included in Appendix D:

Octave Band (Hz)	31.5	63	125	250	500	1000	2000	4000	8000	LwA
Sound Power Level (dB)	50.5	67.7	81.7	91.5	92.9	96.1	97	91	83.1	101.3

The noise data is provided in Appendix C and summarized in Table C.1 with drawings and specifications provided in Appendix D.

4.3 Indoor Noise Sources

Mechanical equipment and processes inside the buildings transmit sound to the environment through the building shell (i.e., walls and roof), as well as through ventilation openings and doorways. The amount of noise that passes through the building shell depends on the building's sound transmission loss characteristics as defined by the materials used and the workmanship of the wall and roof construction.

For this assessment, GHD has used the preliminary construction details provided for the building walls and roofs to determine if the proposed construction would require an evaluation of the noise emitted from building wall/roof element. Based on a review of the wall/roof elements and the separation distance to the nearest residential areas, the proposed construction materials are considered to have enough mass (concrete block/high density wall panels) to ensure that there would be no breakout noise through the building structure for most buildings.

For remaining buildings with potential noise emissions from the building or ventilation points GHD has used estimated standard industrial construction materials for these buildings' walls and roofs as detailed. Building walls and roofs will be constructed using typical sandwich-type flat insulated metal panel construction which is assumed to be conservative.

Any windows and/or door openings can be assumed to be closed at most times as the buildings are under negative pressure.

4.3.1 Organic Processing Building – Open Bay Doors

The organic processing building includes the following indoor noise sources:

– Two Turbo Separators (101.3 dBA)
– Fice Idling Trucks (99.5 dBA)
– One Front End Loader (109.5 dBA)

Despite the fact that the building is under negative pressure meaning the bay doors will be kept closed most of the time, they have been modelled as open for a conservative evaluation and to give the Facility flexibility in operations if necessary.

The sound power level data assigned for all indoor equipment was used to calculate the indoor noise potential for the buildings. Noise coming through the open bay doors were modelled as vertical area sources. GHD expects that the Facility will provide GHD with updated equipment selections and specifications following final selection of any proposed equipment to confirm that the noise levels meet the maximum not to exceed noise criteria as specified in this AAR by proper selection or equivalent noise mitigation measures.

A detailed summary of sound power levels in full octave band centre frequencies for the indoor equipment is presented in Table C.1 of Appendix C.

5. Assessment Criteria

Assessment criteria may be determined for a POR based on the MECP's minimum exclusionary sound level limits, as presented in Table B 1 of NPC-300, in comparison to the background sound levels experienced in the area. The "background sound level" is defined as the sound level present in the environment that is produced by noise sources other than those from the Facility and would include traffic sound levels and sound from neighbouring industrial/commercial activity. The higher of the two assessment criteria is selected for purpose of assessment.

5.1 Sound Level Limits for Stationary Noise Sources

5.1.1 MECP Standard Limits

NPC-300 defines stationary noise sources as sound from all sources that are normally operated within the property lines of a facility. The noise impact from stationary sources is evaluated based on operations during a predictable worst-case hour. Stationary noise assessment criteria are generally determined based on the MECP's minimum exclusionary sound level limits, as presented in NPC-300, in comparison to the background sound levels experienced in the area.

Limits are provided for two main types of noise sources:

– Non-impulsive, "continuous" noise sources such as ventilation fans, mechanical equipment, and vehicles while moving within the property boundary of an industry. Continuous noise is measured using 1-hour average sound exposures (Leq (1-hr) values), in dBA.
– Impulsive noise, which is a "banging" type noise characterized by rapid sound level rise time and decay. Impulsive noise is measured using a logarithmic mean (average) level (LLM) of the impulses in a one-hour period, in dBAI.

The guideline requires an assessment at, and provides separate guideline limits for:

– Outdoor points of reception (e.g., back yards, communal outdoor amenity areas).
– Façade points of reception such as the plane of windows on the outdoor façade which connect onto noise sensitive spaces, such as living rooms, dens, eat-in kitchens, dining rooms and bedrooms.

Acoustical Area Classification

Under the MECP Publication NPC-300 guidelines, noise sensitive receptors are defined using receptor area classifications. The receptor areas are classified as either:

– Class 1 – Urban areas
– Class 2 – Suburban / semi-rural areas
– Class 3 – Rural areas
– Class 4 – Infill areas (Subject to Municipal Planning Approval for New Developments)

Depending on the receptor area classification, different guideline limits apply. Classes 1, 2, and 3 were included in the predecessor guidelines to Publication NPC-300. The Class 4 area, intended to allow for infill and redevelopment, whilst still protecting residences from undue noise.

Tables 5.1 and 5.2 below summarizes the MECP's minimum exclusionary sound level limits for based on the Acoustical Class of the project area, which are expressed in terms of 1-hour equivalent sound levels (1-hour Leq):

Table 5.1 MECP Minimum Exclusionary Sound Level Limits for Steady Sound

Time of Day	Class 1 Sound Level Limits (dBA)		Class 2 Sound Level Limits (dBA)		Class 3 Sound Level Limits (dBA)		Class 4 Sound Level Limits (dBA)	
	Plane of Window	Outdoor POR	Plane of Window	Outdoor POR	Plane of Window	Outdoor POR	Plane of Window	Outdoor POR
07:00 – 19:00 (Day)	50	50	50	50	45	45	60	55
19:00 – 23:00 (Even)	50	50	50	45	40	40	60	55
23:00 – 07:00 (Night)	45	NA	45	NA	40	NA	55	NA

Class 3 noise limits appropriate for this project have been shaded for reference.

Table 5.2 Applicable Minimum MECP Sound Level Limits for Steady State Sound

POR ID	POR Description	Sound Level Limits (dBA)		
		Day (7am – 7pm)	Evening (7pm – 11pm)	Night (11pm – 7am)
POR-01	Worst-case plane of window on east façade, 2nd floor (4.5 m AG])	45	40	40
POR-02	Worst-case plane of window on east façade, 2nd floor (4.5 m AG)	45	40	40
POR-03	Worst-case plane of window on south façade, 2nd floor (4.5 m AG)	45	40	40
POR-04	Worst-case plane of window on south façade, 1st floor (1.5 m AG)	45	40	40

POR ID	POR Description	Sound Level Limits (dBA)		
		Day (7am – 7pm)	Evening (7pm – 11pm)	Night (11pm – 7am)
POR-04_O	Outdoor receptor at western property line of POR4 (1.5 m AG)	45	40	NA
POR-05	Worst-case plane of window on north façade, 2nd floor (4.5 m AG)	45	40	40
POR-06	Worst-case plane of window on east façade, 1st floor (1.5 m AG)	45	40	40
POR-06_O	Outdoor receptor at eastern property line of POR6 (1.5 m AG)	45	40	NA

The lowest sound levels generally occur at the ground floor level (1.5 m AG) and increase with height due to increased line of sight exposure to the roadways. GHD has presented the lowest noise limit relative to the worst-case Facility noise impact based on line-of-sight and exposure to the applicable receptor.

5.1.2 Sound Level Limits for Emergency Equipment

In accordance with NPC-300 the sound level limits for emergency equipment operating in non-emergency situations, such as testing or maintenance of such equipment, are 5 dB greater than the sound level limits otherwise applicable to stationary sources. The sound level limits for emergency equipment were evaluated separately from the continuous stationary noise sources to reflect this difference.

Emergency equipment noise from maintenance activities is expected to occur approximately once a week for up to an hour during the daytime.

5.2 Impact Assessment

5.2.1 Steady State Sound Levels

The worst-case assessment of steady-state noise sources at the selected points-of-reception was based on measured sound pressure levels. Cadna A Acoustical Modelling Software (Cadna A), version 2021, was used to model the potential impacts of the significant noise sources. Cadna A calculates sound level emissions based on the ISO 9613-2 standard "Acoustics – Attenuation of Sound during Propagation Outdoors".

A sample calculation for the worst-case POR is provided in Appendix E.

The worst-case cumulative Facility-wide attenuated sound levels estimated at the receptors included attenuation affects due to geometric divergence, atmospheric attenuation, barriers/berms, ground absorption and directivity, as applicable for all significant noise sources. Off-site buildings were input as intervening structures.

CadnaA modelling assumptions used in this AAR included:

- **Noise Sources:** All sources were modelled using the 1/1 octave band data
- **Reflection Order:** A maximum reflection order of 2 was used to evaluate indirect noise impact from one reflecting surface
- **Ground Absorption:** Ground absorption coefficients of 0.25 for asphalt and 1.0 for grass were used to model ground absorption around the Site and adjacent properties
- **Time-Weighted Adjustment**: Time-weighted adjustments for sources that do not operate continuously are summarized in Table C.1
- **Receptor Elevation**: POR receptor heights were modelled appropriately to represent the worst-case elevation as detailed in Section 4
- **Tonality**: A +5 dBA adjustment was applied for tonal sources if applicable

- **Building Surfaces:** The buildings are modelled as reflective surfaces
- **Terrain:** The surrounding area was modelled based on site specific topography
- **Foliage:** No attenuation due to foliage was included to be conservative

The unattenuated steady state sound levels estimated at the PORs is summarized in Table 2a. Since the unattenuated sound levels estimated at some of the PORs do not meet the limits for steady state noise sources, an appropriate noise control program must be specified to mitigate the Facility's significant noise sources to appropriate levels.

The existing and mitigated sound levels estimated at the PORs are summarized in Table 3 and graphically in Figure 3.

5.2.2 Emergency Equipment Sound Levels

The worst-case assessment of the emergency equipment operating for maintenance and testing purposes at the selected PORs were estimated based on the emergency generator operating continuously during a daytime hour.

The emergency equipment noise impacts at the PORs are summarized in Table 3.

5.2.3 Noise Abatement Action Plan

Due to the complex nature of this Facility, with numerous environmental noise sources near residential dwellings, the potentially significant noise source list may not be exhaustive as presented in this AAR. GHD has identified the existing dominant noise sources, however these dominant noise sources can "mask" other significant noise sources that are uncovered after the dominant noise sources have been abated. GHD expects that follow-up site visit(s) following the installation of noise controls will be necessary to confirm noise control performance and off-site noise reduction and that other significant environmental noise sources may be identified based on this analysis.

5.2.4 Proposed Noise Abatement Required for Compliance

The steady-state sound levels (attenuated 1-hour Leqs) estimated at the PORs after installation of noise controls, was based on the following noise abatement plan.

5.2.4.1 Existing Physical Noise Abatement Measures

There are currently no onsite noise abatement measures in place on any existing equipment.

5.2.4.2 Existing Operational Noise Controls

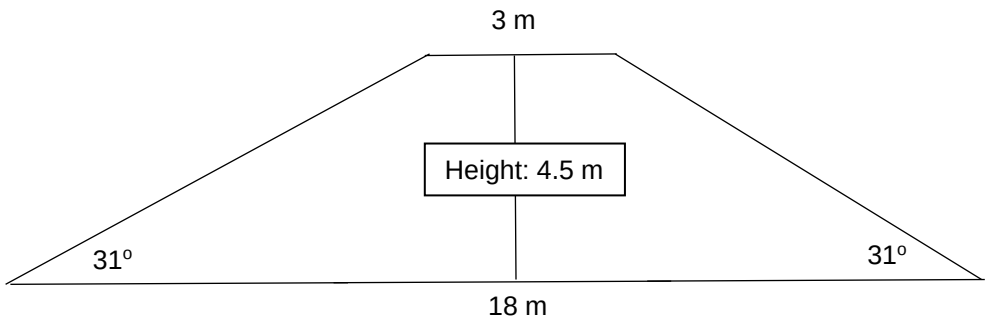
There are currently no operational or administrative controls undertaken by Escarpment in the operation of the Facility with the expressed purpose of reducing noise impacts.

5.2.4.3 Required Physical Noise Abatement Measures

Development of a New Earthen Berm/Embankment (Berm #1)

The berm will be located on the eastern side of the Facility to mitigate noise mainly from the RNG upgrading facility in the direction of POR4. The base of the berm must be 95 m long by roughly 18 m wide, reaching to a height of 4.5 m. It must maintain a width of at least 3 m at 4.5 m high. Note that the required width could be lower in the event that the sidewalls of the berm can be constructed at a steeper angle to achieve the necessary height and top width. The

following sketch (not to scale) provides an approximate cross-section profile of the proposed berm. The location footprint and dimensions are shown in Figure 4.



5.2.4.4 Required Operational Noise Controls

GHD's evaluation indicates that the implementation of any operational or administrative controls will not be required to demonstrate compliance during operation of the Facility.

5.2.5 Noise Abatement Implementation Schedule

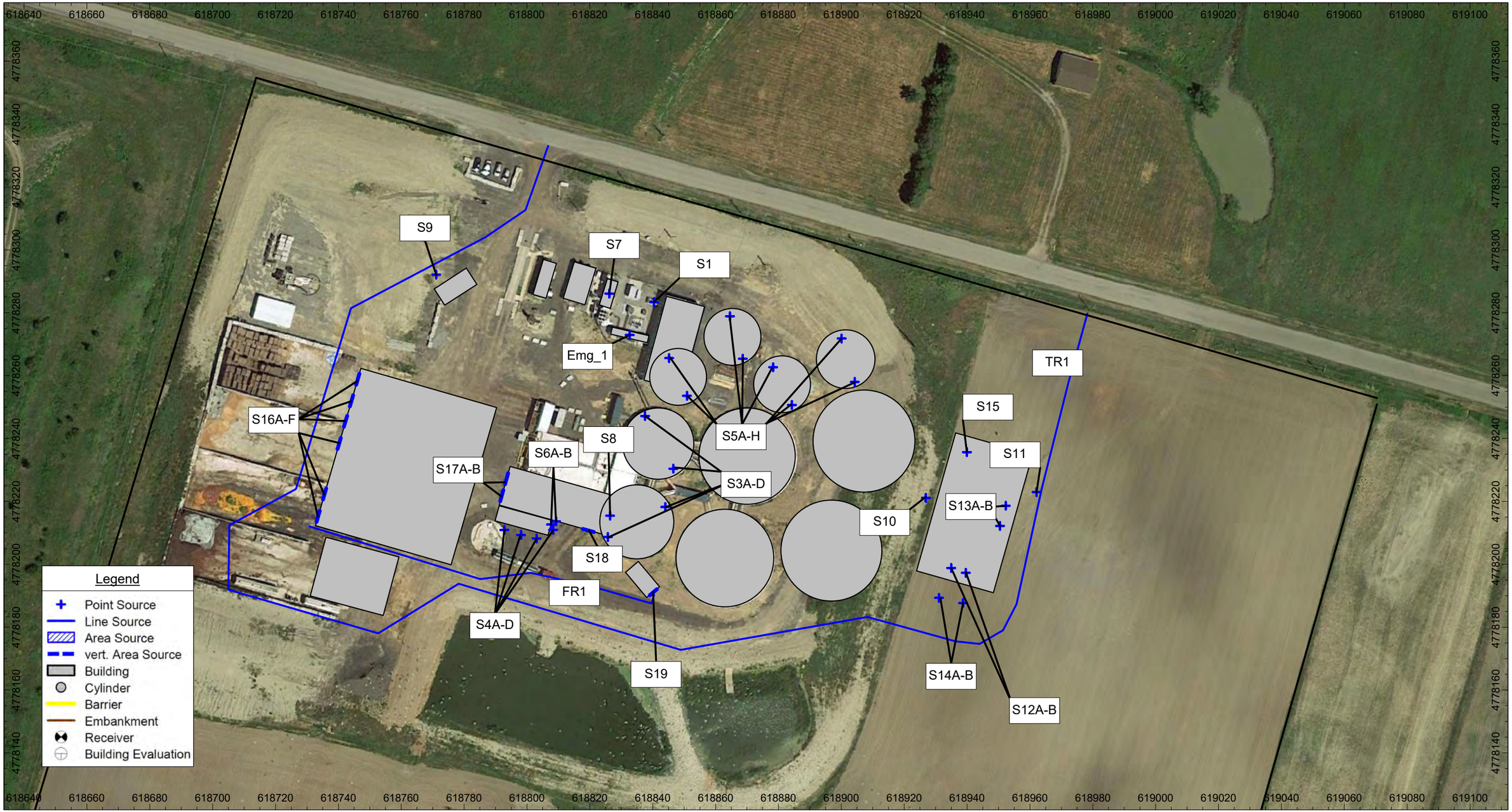
Escarpment Renewables will implement the noise abatement prior to the commencement of the RNG upgrading facility operations. After this phase of noise abatement is completed, Escarpment Renewables will reassess the Facility's noise levels and update the AAR.

6. Conclusions

The Facility-wide noise levels estimated at the points-of-reception after the implementation of the noise abatement program are below the minimum MECP sound level limits, as summarized in Table 3.

GHD recommends that the Facility ensures that any future equipment contribute less than 30 dBA at the applicable point(s)-of-reception.

This is based on accepted standard engineering practices where sound levels that are a minimum of 15 dBA lower than another sound level will not have an impact on the overall noise level. Therefore, based on the MECP exclusionary sound level limit of 45 dBA a source contributing 30 dBA or less would be considered insignificant.



Source: Google Satellite

N

GHD

ACOUSTIC ASSESSMENT REPORT
ESCARPMENT RENEWABLES
424 SOBYE ROAD, GRIMSBY, ONTARIO

11226032
25.11.2021

NOISE SOURCE LOCATION PLAN

FIGURE 1

CadnaA File: \\ghdnet\ghd\CA\Waterloo\Projects\662\11226032\Tech\2021 Noise AAR\Grimsby AD 11.25.2021.cna

Source: Google Satellite

N

GHD

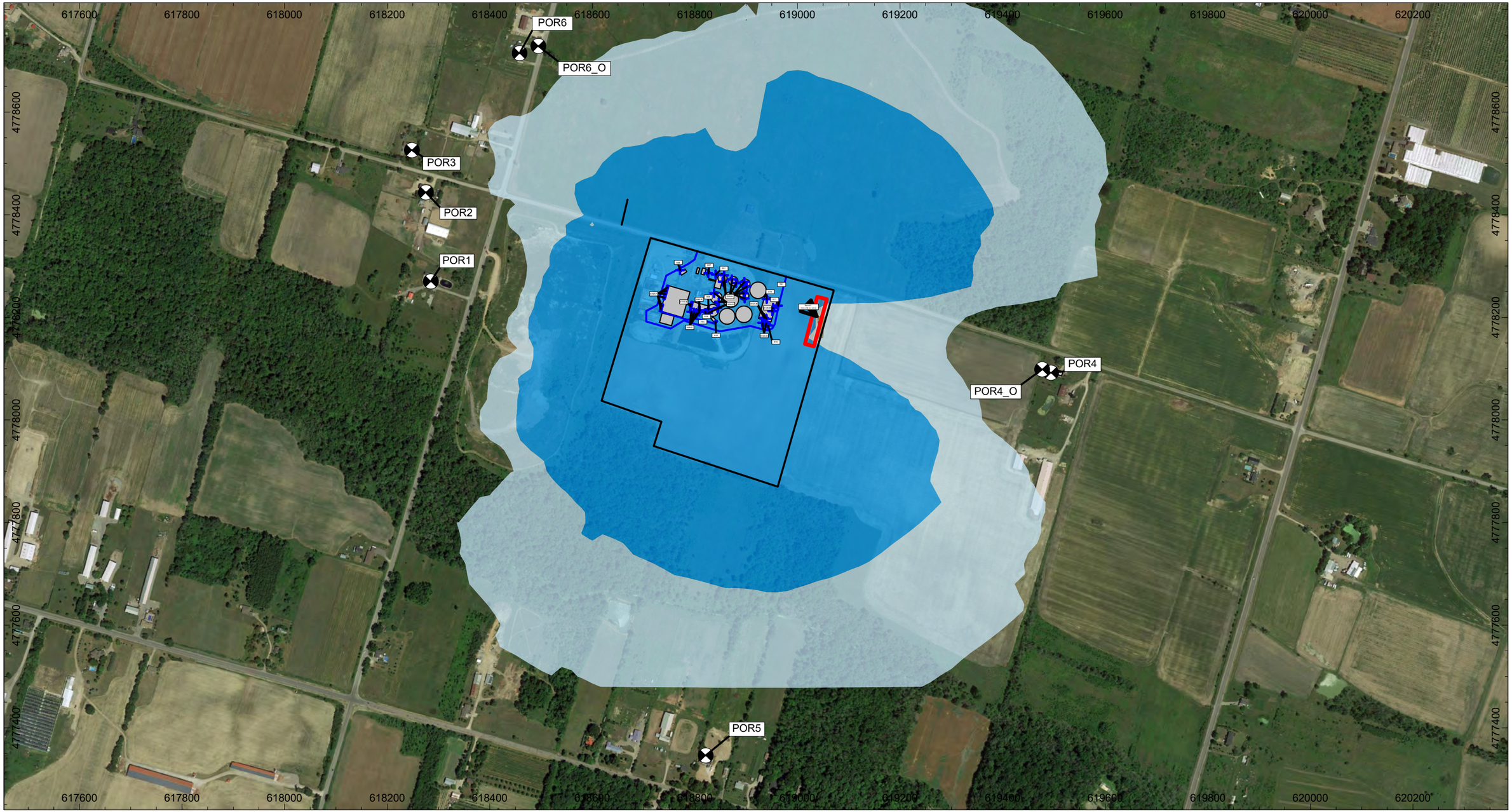
ACOUSTIC ASSESSMENT REPORT
ESCARPMENT RENEWABLES
424 SOBYE ROAD, GRIMSBY, ONTARIO

11226032
25.11.2021

POINT OF RECEPTION LOCATION PLAN

FIGURE 2

CadnaA File: C:\Users\seast\Documents\Grimsby AD\Grimsby AD 11.23.2021.cna



Source: Google Satellite

N

Legend

> 40 dBA

> 45 dBA

GHD

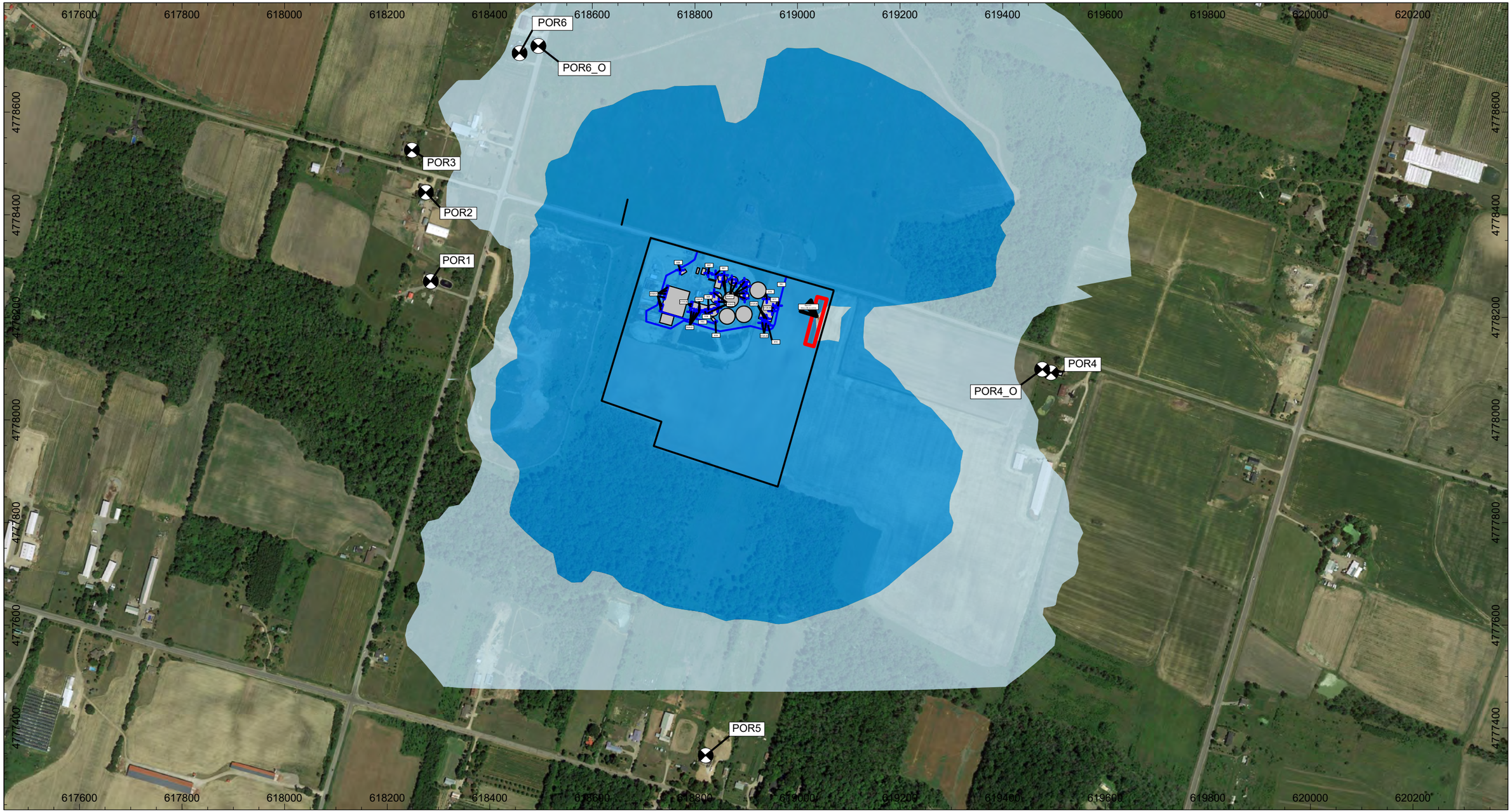
ACOUSTIC ASSESSMENT REPORT
ESCARPMENT RENEWABLES
424 SOBYE ROAD, GRIMSBY, ONTARIO

11226032
02.11.2023

NOISE CONTOUR PLOT (Steady State Mitigated, Night, 1.5 m A.G.)

FIGURE 3A

CadnaA File: \\ghdnet\ghd\CA\Waterloo\Projects\662\11226032\Tech\2023 AAR Update\11226032 Grimsby AD 11.02.2023.cna



Source: Google Satellite

N

Legend

> 40 dBA

> 45 dBA

GHD

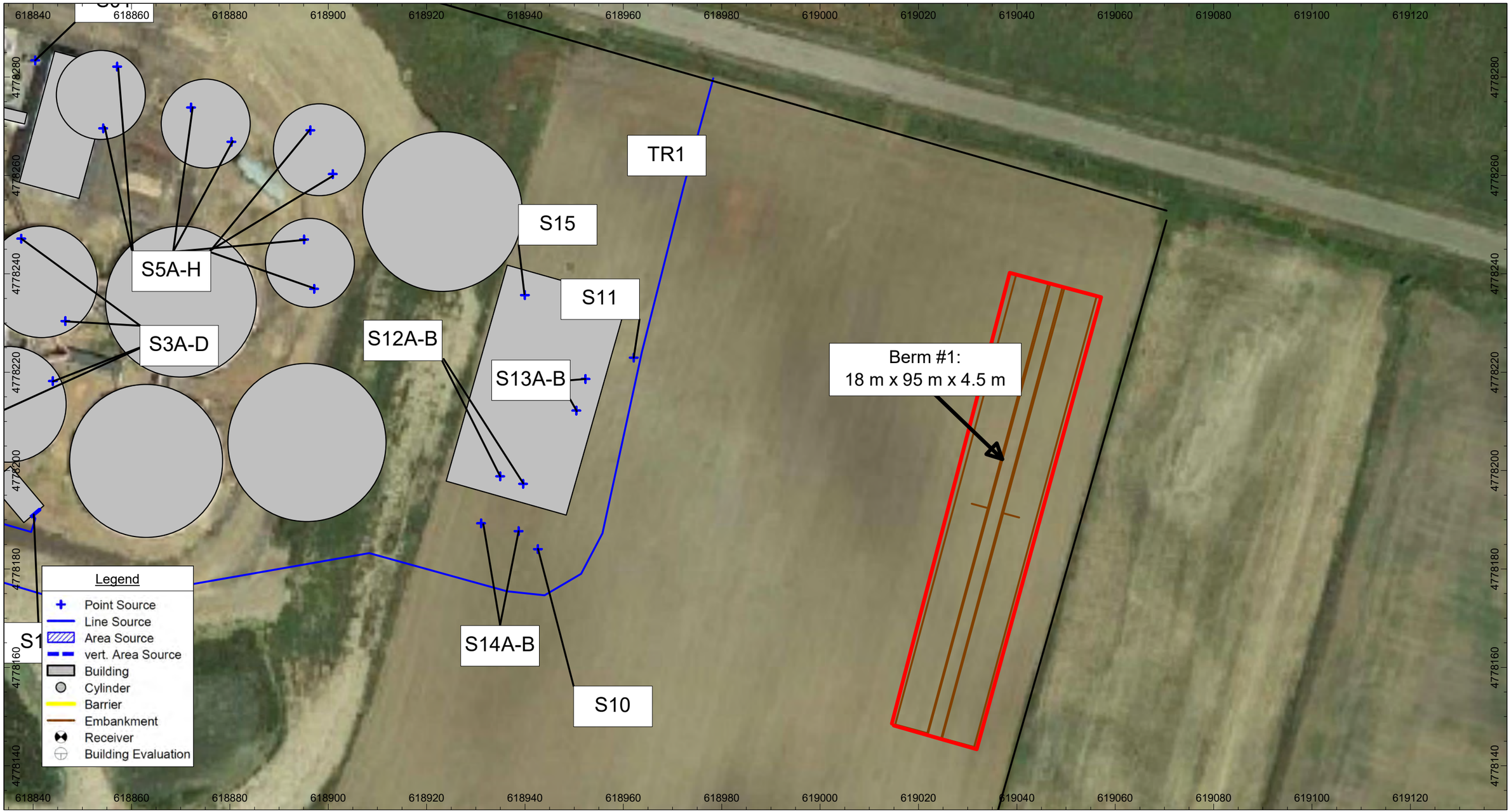
ACOUSTIC ASSESSMENT REPORT
ESCARPMENT RENEWABLES
424 SOBYE ROAD, GRIMSBY ONTARIO

11226032
02.11.2023

NOISE CONTOUR PLOT (Steady State Mitigated, Night, 4.5 m A.G.)

FIGURE 3B

CadnaA File: \\ghdnet\ghd\CA\Waterloo\Projects\662\11226032\Tech\2023 AAR Update\11226032 Grimsby AD 11.02.2023.cna



Source: Google Satellite

N

GHD

ACOUSTIC ASSESSMENT REPORT
ESCARPMENT RENEWABLES
424 SOBYE ROAD, GRIMSBY, ONTARIO

11226032
02.11.2023

NOISE MITIGATION BERM LOCATION PLAN

FIGURE 4

CadnaA File: \\ghdnet\ghd\CA\Waterloo\Projects\662\11226032\Tech\2023 AAR Update\11226032 Grimsby AD 11.02.2023.cna

Table 1

Noise Source Summary
Escarpment Renewables
424 Sobie Road, Beamsville, Ontario

Cadna A ID	Source Description	Sound Power Level[1] (dBA)	Source Characteristics[2]	Source Location[3]	Noise Control Measures[4]	Source Type
Steady State Sources						
FR1	Fork Lift Route	109.5	S	O	U	Line
S01	Ventilation Exhaust	97.3	S	O	U	Point
S03A	Digester Tank Axial Agitator	84.6	S	O	U	Point
S03B	Digester Tank Axial Agitator	84.6	S	O	U	Point
S03C	Digester Tank Axial Agitator	84.6	S	O	U	Point
S03D	Digester Tank Axial Agitator	84.6	S	O	U	Point
S04A	Agitator Motor (High Pitch)	96.4	S	O	U	Point
S04B	Agitator Motor (High Pitch)	96.4	S	O	U	Point
S04C	Agitator Motor (High Pitch)	96.4	S	O	U	Point
S04D	Agitator Motor (High Pitch)	96.4	S	O	U	Point
S05A	Digester Tank Axial Agitator	84.6	S	O	U	Point
S05B	Digester Tank Axial Agitator	84.6	S	O	U	Point
S05C	Digester Tank Axial Agitator	84.6	S	O	U	Point
S05D	Digester Tank Axial Agitator	84.6	S	O	U	Point
S05E	Digester Tank Axial Agitator	84.6	S	O	U	Point
S05F	Digester Tank Axial Agitator	84.6	S	O	U	Point
S05G	Digester Tank Axial Agitator	84.6	S	O	U	Point
S05H	Digester Tank Axial Agitator	84.6	S	O	U	Point
S06A	Side Wall Ventilation Fan	91.0	S	O	U	Point
S06B	Side Wall Ventilation Fan	91.0	S	O	U	Point
S07	CHP Unit	103.2	S	O	U	Point
S08	Side Wall Ventilation Fan	89.4	S	O	U	Point
S09	Truck Idle on Weight Scale	99.5	S	O	U	Point
S10	Flare	99.0	S	O	U	Point
S11	Truck Idle on Weight Scale	99.5	S	O	U	Point
S12A	RNG Facility Compressor Outlet	105.5	S	O	B	Point
S12B	RNG Facility Compressor Outlet	105.5	S	O	B	Point
S13A	Chiller	91.6	S	O	B	Point
S13B	Chiller	91.6	S	O	B	Point
S14A	RNG Compressor Truck Idling	99.5	S	O	U	Point
S14B	RNG Compressor Truck Idling	99.5	S	O	U	Point
S15	RNG Facility Compressor Inlet	108.6	S	O	B	Point
S16A	Organic Processing Building Bay Door (Open)	98.2	S	O	U	Vertical Area
S16B	Organic Processing Building Bay Door (Open)	98.2	S	O	U	Vertical Area
S16C	Organic Processing Building Bay Door (Open)	98.2	S	O	U	Vertical Area
S16D	Organic Processing Building Bay Door (Open)	98.2	S	O	U	Vertical Area
S16E	Organic Processing Building Bay Door (Open)	98.2	S	O	U	Vertical Area
S16F	Organic Processing Building Bay Door (Open)	98.2	S	O	U	Vertical Area
S17A	Pump Building Bay Door (Open)	76.0	S	O	U	Vertical Area
S17B	Pump Building Bay Door (Open)	76.0	S	O	U	Vertical Area
S18	Pump Building Bay Door (Open)	71.4	S	O	U	Vertical Area
S19	Skimmer Building Bay Door (Open)	71.4	S	O	U	Vertical Area
TR1	Truck Route	109.9	S	O	U	Line
Emergency Sources						
Emg_1	Emergency Generator (200 kW)	112.6	S	O	U	Point

Notes:

[1] Sound Power Level (PWL) in dBA, excludes +5 dBA total penalty if applicable.
[2] Sound characteristics:
- S – Steady
- Q – Quasi-steady impulsive
- I – Impulsive
- B – Buzzing
- T – Tonal
- C – Cyclic

[3] Source location:
- O – Outside of building
- I – Inside of building

[4] Noise control measures:
- S – Silencer, acoustic louvre, muffler
- A – Acoustic lining, plenum
- B – Barrier, berm, screening
- L – Lagging
- E – Acoustic enclosure
- O – Other
- U – Uncontrolled
- AC – Administrative control

Table 2a

Point of Reception Noise Impact – Unmitigated
Escarpment Renewables
424 Sobie Road, Beamsville, Ontario

Cadna A ID	Source Description	Park Road Two-Storey Residential Facade POR1				Sobie Road Two-Storey Residential Facade POR2				Sobie Road Two-Storey Residential Facade POR3				Sobie Road One-Storey Residential Facade POR4				Outdoor Sobie Road One-Storey Residential POR4_O				Mud Street Two-Storey Residential Facade POR5				Park Road One-Storey Residential Facade POR6				Outdoor Park Road One-Storey Residential POR6_O			
		Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)		
			Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am
Steady State Noise Impact																																
FR1	Fork Lift Route	457	26.4	26.4	26.4	514	24.2	24.2	24.2	578	23.4	23.4	23.4	661	23.7	23.7	23.7	643	24.0	24.0	24.0	846	9.9	9.9	9.9	572	18.9	18.9	18.9	569	18.7	18.7	18.7
S01	Ventilation Exhaust	555	25.5	25.5	25.5	587	26.8	26.8	26.8	640	26.0	26.0	26.0	681	7.5	7.5	7.5	663	8.4	8.4	8.4	940	0.8	0.8	0.8	576	30.0	30.0	30.0	564	30.3	30.3	30.3
S03A	Digester Tank Axial Agitator	544	—	—	—	598	—	—	—	659	—	—	—	679	—	—	—	661	—	—	—	865	—	—	—	626	—	—	—	617	—	—	—
S03B	Digester Tank Axial Agitator	561	—	—	—	612	1.3	1.3	1.3	670	0.9	0.9	0.9	662	—	—	—	644	—	—	—	875	—	—	—	629	4.9	4.9	4.9	619	5.0	5.0	5.0
S03C	Digester Tank Axial Agitator	563	—	—	—	610	2.0	2.0	2.0	667	1.1	1.1	1.1	662	—	—	—	644	—	—	—	887	—	—	—	621	5.0	5.0	5.0	610	4.0	4.0	4.0
S03D	Digester Tank Axial Agitator	553	—	—	—	595	2.0	2.0	2.0	652	3.0	3.0	3.0	675	5.8	5.8	5.8	656	4.2	4.2	4.2	904	—	—	—	602	4.1	4.1	4.1	592	4.2	4.2	4.2
S04A	Agitator Motor (High Pitch)	526	—	—	—	581	—	—	—	642	—	—	—	696	10.7	10.7	10.7	678	10.6	10.6	10.6	868	—	—	—	614	—	—	—	606	—	—	—
S04B	Agitator Motor (High Pitch)	521	5.8	5.8	5.8	578	5.4	5.4	5.4	639	4.6	4.6	4.6	701	11.6	11.6	11.6	683	11.5	11.5	11.5	865	—	—	—	613	1.5	1.5	1.5	605	7.6	7.6	7.6
S04C	Agitator Motor (High Pitch)	516	4.7	4.7	4.7	573	7.9	7.9	7.9	634	2.0	2.0	2.0	706	11.6	11.6	11.6	688	11.4	11.4	11.4	866	—	—	—	609	—	—	—	602	—	—	—
S04D	Agitator Motor (High Pitch)	511	1.8	1.8	1.8	567	6.3	6.3	6.3	629	10.9	10.9	10.9	711	11.3	11.3	11.3	693	11.2	11.2	11.2	868	—	—	—	605	—	—	—	598	—	—	—
S05A	Digester Tank Axial Agitator	587	0.8	0.8	0.8	620	4.8	4.8	4.8	673	3.9	3.9	3.9	648	3.5	3.5	3.5	630	5.9	5.9	5.9	933	—	—	—	605	3.9	3.9	3.9	592	4.1	4.1	4.1
S05B	Digester Tank Axial Agitator	595	0.7	0.7	0.7	630	4.7	4.7	4.7	683	3.8	3.8	3.8	638	3.6	3.6	3.6	620	6.1	6.1	6.1	926	—	—	—	616	3.7	3.7	3.7	602	4.0	4.0	4.0
S05C	Digester Tank Axial Agitator	611	0.4	0.4	0.4	645	4.5	4.5	4.5	697	3.6	3.6	3.6	624	3.8	3.8	3.8	605	6.3	6.3	6.3	930	—	—	—	625	3.5	3.5	3.5	611	3.8	3.8	3.8
S05D	Digester Tank Axial Agitator	616	0.3	0.3	0.3	652	4.4	4.4	4.4	705	3.5	3.5	3.5	617	3.9	3.9	3.9	599	6.4	6.4	6.4	921	—	—	—	635	3.4	3.4	3.4	620	3.6	3.6	3.6
S05E	Digester Tank Axial Agitator	569	1.2	1.2	1.2	604	5.1	5.1	5.1	658	4.2	4.2	4.2	664	3.2	3.2	3.2	646	5.6	5.6	5.6	928	—	—	—	596	4.1	4.1	4.1	584	4.4	4.4	4.4
S05F	Digester Tank Axial Agitator	572	1.1	1.1	1.1	604	5.1	5.1	5.1	656	4.2	4.2	4.2	665	3.2	3.2	3.2	647	5.6	5.6	5.6	940	—	—	—	589	4.2	4.2	4.2	576	4.5	4.5	4.5
S05G	Digester Tank Axial Agitator	613	0.4	0.4	0.4	655	4.3	4.3	4.3	710	3.4	3.4	3.4	615	4.0	4.0	4.0	596	4.3	4.3	4.3	898	—	—	—	649	3.3	3.3	3.3	636	3.5	3.5	3.5
S05H	Digester Tank Axial Agitator	610	0.4	0.4	0.4	650	4.4	4.4	4.4	704	3.5	3.5	3.5	619	3.9	3.9	3.9	601	6.4	6.4	6.4	908	—	—	—	640	3.4	3.4	3.4	627	3.6	3.6	3.6
S06A	Side Wall Ventilation Fan	526	6.0	6.0	6.0	580	2.9	2.9	2.9	641	2.9	2.9	2.9	697	9.9	9.9	9.9	679	9.7	9.7	9.7	869	3.1	3.1	3.1	612	1.9	1.9	1.9	604	2.0	2.0	2.0
S06B	Side Wall Ventilation Fan	527	5.7	5.7	5.7	581	1.9	1.9	1.9	642	1.5	1.5	1.5	696	4.9	4.9	4.9	678	4.9	4.9	4.9	870	0.6	0.6	0.6	612	0.8	0.8	0.8	604	1.0	1.0	1.0
S07	CHP Unit	541	31.3	31.3	31.3	573	35.1	35.1	35.1	625	34.1	34.1	34.1	696	19.5	19.5	19.5	677	19.9	19.9	19.9	943	8.6	8.6	8.6	565	32.5	32.5	32.5	553	32.7	32.7	32.7
S08	Side Wall Ventilation Fan	544	8.3	8.3	8.3	596	8.4	8.4	8.4	656	14.6	14.6	14.6	679	11.3	11.3	11.3	661	11.4	11.4	11.4	872	—	—	—	621	6.0	6.0	6.0	612	5.9	5.9	5.9
S09	Truck Idle on Weight Scale	486	23.8	—	—	518	27.4	—	—	573	26.3	—	—	750	5.8	—	—	732	7.1	—	—	950	—	—	—	526	30.5	—	—	517	30.7	—	—
S10	Flare	663	22.4	22.4	22.4	716	26.0	26.0	26.0	774	25.2	25.2	25.2	559	25.3	25.3	25.3	541	25.7	25.7	25.7	851	6.2	6.2	6.2	719	20.8	20.8	20.8	706	23.0	23.0	23.0
S11	Truck Idle on Weight Scale	678	22.5	—	—	721	13.2	—	—	775	11.0	—	—	548	28.5	—	—	530	28.9	—	—	891	4.3	—	—	704	12.1	—	—	689	12.3	—	—
S12A	RNG Facility Compressor Outlet	654	16.7	16.7	16.7	703	19.8	19.8	19.8	760	21.4	21.4	21.4	569	35.9	35.9	35.9	551	36.3	36.3	36.3	863	12.1	12.1	12.1	703	16.2	16.2	16.2	689	16.5	16.5	16.5
S12B	RNG Facility Compressor Outlet	658	17.5	17.5	17.5	708	21.0	21.0	21.0	765	22.8	22.8	22.8	565	35.9	35.9	35.9	546	36.3	36.3	36.3	862	12.0	12.0	12.0	707	16.9	16.9	16.9	693	17.3	17.3	17.3
S13A	Chiller	668	12.3	12.3	12.3	714	18.1	18.1	18.1	769	14.0	14.0	14.0	557	23.3	23.3	23.3	539	23.7	23.7	23.7	878	3.5	3.5	3.5	704	11.3	11.3	11.3	689	11.3	11.3	11.3
S13B	Chiller	669	18.1	18.1	18.1	713	15.7	15.7	15.7	768	12.5	12.5	12.5	557	23.3	23.3	23.3	538	23.7	23.7	23.7	885	3.4	3.4	3.4	700	10.9	10.9	10.9	686	11.1	11.1	11.1
S14A	RNG Compressor Truck Idling	659	15.0	15.0	15.0	711	14.5	14.5	14.5	769	14.4	14.4	14.4	564	31.2	31.2	31.2	546	31.6	31.6	31.6	852	7.8	7.8	7.8	713	13.6	13.6	13.6	700	13.6	13.6	13.6
S14B	RNG Compressor Truck Idling	651	13.5	13.5	13.5	703	12.5	12.5	12.5	761	12.0	12.0	12.0	572	31.2	31.2	31.2	553	31.6	31.6	31.6	853	8.2	8.2	8.2	707	12.2	12.2	12.2	694	13.0	13.0	13.0
S15	RNG Facility Compressor Inlet	656	16.9	16.9	16.9	696	19.6	19.6	19.6	750	18.5	18.5	18.5	573	39.4	39.4	39.4	554	41.5	41.5	41.5	900	14.8	14.8	14.8	680	15.8	15.8	15.8	665	16.2	16.2	16.2
S16A	Organic Processing Building Bay Door (Open)	452	26.0	26.0	26.0	512	27.0	27.0	27.0	576	26.1	26.1	26.1	771	5.0	5.0	5.0	753	5.2	5.2	5.2	876	2.3	2.3	2.3	570	25.5	25.5	25.5	567	25.6	25.6	25.6
S16B	Organic Processing Building Bay Door (Open)	453	26.1	26.1	26.1	511	27.0	27.0	27.0	574	26.2	26.2	26.2	770	4.2	4.2	4.2	752	4.4	4.4	4.4	883	2.2	2.2	2.2	565	25.6	25.6	25.6	561	25.7	25.7	25.7
S16C	Organic Processing Building Bay Door (Open)	456	26.2	26.2	26.2	508	27.1	27.1	27.1	570	26.2	26.2	26.2	768	4.4	4.4	4.4	750	4.6	4.6	4.6	899	2.1	2.1	2.1	554	25.8	25.8	25.8	549	27.2	27.2	27.2
S16D	Organic Processing Building Bay Door (Open)	458	26.2	26.2	26.2	507	27.2	27.2	27.2	568	26.3	26.3	26.3	767	4.6	4.6	4.6	749	4.8	4.8	4.8	905	2.0	2.0	2.0	549	26.4	26.4	26.4	543	27.6	27.6	27.6
S16E	Organic Processing Building Bay Door (Open)	459	26.2	26.2	26.2	506	27.3	27.3	27.3	566	26.3	26.3	26.3	767	4.9	4.9	4.9	749	5.2	5.2	5.2	911	1.9	1.9	1.9	544	27.0	27.0	27.0	539	27.7	27.7	27.7
S16F	Organic Processing Building Bay Door (Open)	461	26.2	26.2	26.2	506	27.4	27.4	27.4	565	26.3	26.3	26.3	766	6.5	6.5	6.5	748	6.8	6.8	6.8	918	1.9	1.9	1.9	539	27.6	27.6	27.6	533	27.8	27.8	27.8
S17A	Pump Building Bay Door (Open)	509	—	—	—	562	—	—	—	623	—	—	—	714	—	—	—	696	—	—	—	878	—	—	—	596	—	—	—	588	—	—	—
S17B	Pump Building Bay Door (Open)	510	—	—	—	561	—	—	—	622	—	—	—	714	—	—	—	696	—	—	—	884	—	—	—	592	—	—	—	584	—	—	—
S18	Pump Building Bay Door (Open)	538	—	—	—	592	—	—	—	652	—	—	—	685	—	—	—	667	—	—	—	867	—	—	—	620	—	—	—	612	—	—	—
S19	Skimmer Building Bay Door (Open)	561	—	—	—	619	—	—	—	680	—	—	—	662	1.7	1.7	1.7	644	2.0	2.0	2.0	848	—	—	—	648	—	—	—	639	—	—	—
TR1	Truck Route	425	31.8	26.6	26.6	491	32.1	26.9	26.9	553	32.1	26.9	26.9	546	33.9	28.6	28.6	528	34.8	29.6	29.6	837	14.4	9.2	9.2	519	32.5	27.3	27.3	511	33.4	28.2	28.2
Total Facility Sound Level (1-hour Leq):			**38.5**	**37.5**	**37.5**		**40.1**	**39.3**	**39.3**		**39.4**	**38.5**	**38.5**		**43.7**	**43.2**	**43.2**		**44.8**	**44.4**	**44.4**		**21.7**	**21.0**	**21.0**		**39.4**	**38.0**	**38.0**		**39.9**	**38.5**	**38.5**
Emergency Noise Impact																																
Emg_1	Emergency Generator (200 kW)	547	41.9	—	—	583	41.6	—	—	637	42.6	—	—	686	34.0	—	—	668	34.2	—	—	929	15.8	—	—	579	42.6	—	—	568	42.9	—	—
Total Facility Sound Level (1-hour Leq):			**41.9**	**—**	**—**		**41.6**	**—**	**—**		**42.6**	**—**	**—**		**34.0**	**—**	**—**		**34.2**	**—**	**—**		**15.8**	**—**	**—**		**42.6**	**—**	**—**		**42.9**	**—**	**—**

Note:

[1] Sound level at the receptor was calculated using Cadna A acoustical modelling software.

Table 2b

Point of Reception Noise Impact – Mitigated
Escarpment Renewables
424 Sobie Road, Beamsville, Ontario

Cadna A ID	Source Description	Park Road Two-Storey Residential Facade POR1				Sobie Road Two-Storey Residential Facade POR2				Sobie Road Two-Storey Residential Facade POR3				Sobie Road One-Storey Residential Facade POR4				Outdoor Sobie Road One-Storey Residential POR4_O				Mud Street Two-Storey Residential Facade POR5				Park Road One-Storey Residential Facade POR6				Outdoor Park Road One-Storey Residential POR6_O			
		Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)			Distance (m)	Partial Sound Levels[1] (dBA)		
			Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am		Day 7am–7pm	Evening 7pm–11pm	Night 11pm–7am
Steady State Noise Impact																																
FR1	Fork Lift Route	457	26.4	26.4	26.4	514	24.2	24.2	24.2	578	23.4	23.4	23.4	661	21.9	21.9	21.9	643	22.0	22.0	22.0	846	9.9	9.9	9.9	572	18.9	18.9	18.9	569	18.7	18.7	18.7
S01	Ventilation Exhaust	555	25.5	25.5	25.5	587	26.8	26.8	26.8	640	26.0	26.0	26.0	681	4.7	4.7	4.7	663	7.9	7.9	7.9	940	0.8	0.8	0.8	576	30.0	30.0	30.0	564	30.3	30.3	30.3
S03A	Digester Tank Axial Agitator	544	—	—	—	598	—	—	—	659	—	—	—	661	—	—	—	661	—	—	—	865	—	—	—	626	—	—	—	617	—	—	—
S03B	Digester Tank Axial Agitator	561	—	—	—	612	1.3	1.3	1.3	670	0.9	0.9	0.9	662	—	—	—	644	—	—	—	875	—	—	—	629	4.9	4.9	4.9	619	5.0	5.0	5.0
S03C	Digester Tank Axial Agitator	563	—	—	—	610	2.0	2.0	2.0	667	1.1	1.1	1.1	662	—	—	—	644	—	—	—	887	—	—	—	621	5.0	5.0	5.0	610	4.0	4.0	4.0
S03D	Digester Tank Axial Agitator	553	—	—	—	595	2.0	2.0	2.0	652	3.0	3.0	3.0	675	0.2	0.2	0.2	656	—	—	—	904	—	—	—	602	4.1	4.1	4.1	592	4.2	4.2	4.2
S04A	Agitator Motor (High Pitch)	526	—	—	—	581	—	—	—	642	—	—	—	696	9.2	9.2	9.2	678	9.2	9.2	9.2	868	—	—	—	614	—	—	—	606	—	—	—
S04B	Agitator Motor (High Pitch)	521	5.8	5.8	5.8	578	5.4	5.4	5.4	639	4.6	4.6	4.6	701	9.2	9.2	9.2	683	9.2	9.2	9.2	865	—	—	—	613	1.5	1.5	1.5	605	7.6	7.6	7.6
S04C	Agitator Motor (High Pitch)	516	4.7	4.7	4.7	573	7.9	7.9	7.9	634	2.0	2.0	2.0	706	9.3	9.3	9.3	688	9.3	9.3	9.3	866	—	—	—	609	—	—	—	602	—	—	—
S04D	Agitator Motor (High Pitch)	511	1.8	1.8	1.8	567	6.3	6.3	6.3	629	10.9	10.9	10.9	711	9.3	9.3	9.3	693	9.4	9.4	9.4	868	—	—	—	605	—	—	—	598	—	—	—
S05A	Digester Tank Axial Agitator	587	0.8	0.8	0.8	620	4.8	4.8	4.8	673	3.9	3.9	3.9	648	3.5	3.5	3.5	630	5.9	5.9	5.9	933	—	—	—	605	3.9	3.9	3.9	592	4.1	4.1	4.1
S05B	Digester Tank Axial Agitator	595	0.7	0.7	0.7	630	4.7	4.7	4.7	683	3.8	3.8	3.8	638	3.6	3.6	3.6	620	6.1	6.1	6.1	926	—	—	—	616	3.7	3.7	3.7	602	4.0	4.0	4.0
S05C	Digester Tank Axial Agitator	611	0.4	0.4	0.4	645	4.5	4.5	4.5	697	3.6	3.6	3.6	624	3.8	3.8	3.8	605	6.3	6.3	6.3	930	—	—	—	625	3.5	3.5	3.5	611	3.8	3.8	3.8
S05D	Digester Tank Axial Agitator	616	0.3	0.3	0.3	652	4.4	4.4	4.4	705	3.5	3.5	3.5	617	3.9	3.9	3.9	599	6.4	6.4	6.4	921	—	—	—	635	3.4	3.4	3.4	620	3.6	3.6	3.6
S05E	Digester Tank Axial Agitator	569	1.2	1.2	1.2	604	5.1	5.1	5.1	658	4.2	4.2	4.2	664	3.2	3.2	3.2	646	5.6	5.6	5.6	928	—	—	—	596	4.1	4.1	4.1	584	4.4	4.4	4.4
S05F	Digester Tank Axial Agitator	572	1.1	1.1	1.1	604	5.1	5.1	5.1	656	4.2	4.2	4.2	665	3.2	3.2	3.2	647	5.6	5.6	5.6	940	—	—	—	589	4.2	4.2	4.2	576	4.5	4.5	4.5
S05G	Digester Tank Axial Agitator	613	0.4	0.4	0.4	655	4.3	4.3	4.3	710	3.4	3.4	3.4	615	4.0	4.0	4.0	596	4.3	4.3	4.3	898	—	—	—	649	3.3	3.3	3.3	636	3.5	3.5	3.5
S05H	Digester Tank Axial Agitator	610	0.4	0.4	0.4	650	4.4	4.4	4.4	704	3.5	3.5	3.5	619	3.9	3.9	3.9	601	6.4	6.4	6.4	908	—	—	—	640	3.4	3.4	3.4	627	3.6	3.6	3.6
S06A	Side Wall Ventilation Fan	526	6.0	6.0	6.0	580	2.9	2.9	2.9	641	2.9	2.9	2.9	697	8.3	8.3	8.3	679	8.2	8.2	8.2	869	3.1	3.1	3.1	612	1.9	1.9	1.9	604	2.0	2.0	2.0
S06B	Side Wall Ventilation Fan	527	5.7	5.7	5.7	581	1.9	1.9	1.9	642	1.5	1.5	1.5	696	1.4	1.4	1.4	678	1.5	1.5	1.5	870	0.6	0.6	0.6	612	0.8	0.8	0.8	604	1.0	1.0	1.0
S07	CHP Unit	541	31.3	31.3	31.3	573	35.1	35.1	35.1	625	34.1	34.1	34.1	696	18.0	18.0	18.0	677	19.1	19.1	19.1	943	8.6	8.6	8.6	565	32.5	32.5	32.5	553	32.7	32.7	32.7
S08	Side Wall Ventilation Fan	544	8.3	8.3	8.3	596	8.4	8.4	8.4	656	14.6	14.6	14.6	679	10.2	10.2	10.2	661	10.3	10.3	10.3	872	—	—	—	621	6.0	6.0	6.0	612	5.9	5.9	5.9
S09	Truck Idle on Weight Scale	486	23.8	—	—	518	27.4	—	—	573	26.3	—	—	750	4.8	—	—	732	6.8	—	—	950	—	—	—	526	30.5	—	—	517	30.7	—	—
S10	Flare	663	22.4	22.4	22.4	716	26.0	26.0	26.0	774	25.2	25.2	25.2	559	25.3	25.3	25.3	541	25.7	25.7	25.7	851	6.2	6.2	6.2	719	20.8	20.8	20.8	706	23.0	23.0	23.0
S11	Truck Idle on Weight Scale	678	22.5	—	—	721	13.2	—	—	775	11.0	—	—	548	22.0	—	—	530	22.2	—	—	891	4.3	—	—	704	12.1	—	—	689	12.3	—	—
S12A	RNG Facility Compressor Outlet	654	16.7	16.7	16.7	703	19.8	19.8	19.8	760	21.4	21.4	21.4	569	30.6	30.6	30.6	551	30.8	30.8	30.8	863	12.1	12.1	12.1	703	16.2	16.2	16.2	689	16.5	16.5	16.5
S12B	RNG Facility Compressor Outlet	658	17.5	17.5	17.5	708	21.0	21.0	21.0	765	22.8	22.8	22.8	565	30.4	30.4	30.4	546	30.6	30.6	30.6	862	12.0	12.0	12.0	707	16.9	16.9	16.9	693	17.3	17.3	17.3
S13A	Chiller	668	12.3	12.3	12.3	714	18.1	18.1	18.1	769	14.0	14.0	14.0	557	19.4	19.4	19.4	539	19.7	19.7	19.7	878	3.5	3.5	3.5	704	11.3	11.3	11.3	689	11.3	11.3	11.3
S13B	Chiller	669	18.1	18.1	18.1	713	15.7	15.7	15.7	768	12.5	12.5	12.5	557	19.3	19.3	19.3	538	19.6	19.6	19.6	885	3.4	3.4	3.4	700	10.9	10.9	10.9	686	11.1	11.1	11.1
S14A	RNG Compressor Truck Idling	659	15.0	15.0	15.0	711	14.5	14.5	14.5	769	14.4	14.4	14.4	564	25.6	25.6	25.6	546	25.8	25.8	25.8	852	7.8	7.8	7.8	713	13.6	13.6	13.6	700	13.6	13.6	13.6
S14B	RNG Compressor Truck Idling	651	13.5	13.5	13.5	703	12.5	12.5	12.5	761	12.0	12.0	12.0	572	26.0	26.0	26.0	553	26.2	26.2	26.2	853	8.2	8.2	8.2	707	12.2	12.2	12.2	694	13.0	13.0	13.0
S15	RNG Facility Compressor Inlet	656	16.9	16.9	16.9	696	19.6	19.6	19.6	750	18.5	18.5	18.5	573	32.9	32.9	32.9	554	34.5	34.5	34.5	900	14.8	14.8	14.8	680	15.8	15.8	15.8	665	16.2	16.2	16.2
S16A	Organic Processing Building Bay Door (Open)	452	26.0	26.0	26.0	512	27.0	27.0	27.0	576	26.1	26.1	26.1	771	4.7	4.7	4.7	753	4.9	4.9	4.9	876	2.3	2.3	2.3	570	25.5	25.5	25.5	567	25.6	25.6	25.6
S16B	Organic Processing Building Bay Door (Open)	453	26.1	26.1	26.1	511	27.0	27.0	27.0	574	26.2	26.2	26.2	770	4.0	4.0	4.0	752	4.3	4.3	4.3	883	2.2	2.2	2.2	565	25.6	25.6	25.6	561	25.7	25.7	25.7
S16C	Organic Processing Building Bay Door (Open)	456	26.2	26.2	26.2	508	27.1	27.1	27.1	570	26.2	26.2	26.2	768	3.8	3.8	3.8	750	4.0	4.0	4.0	899	2.1	2.1	2.1	554	25.8	25.8	25.8	549	27.2	27.2	27.2
S16D	Organic Processing Building Bay Door (Open)	458	26.2	26.2	26.2	507	27.2	27.2	27.2	568	26.3	26.3	26.3	767	3.7	3.7	3.7	749	4.0	4.0	4.0	905	2.0	2.0	2.0	549	26.4	26.4	26.4	543	27.6	27.6	27.6
S16E	Organic Processing Building Bay Door (Open)	459	26.2	26.2	26.2	506	27.3	27.3	27.3	566	26.3	26.3	26.3	767	3.7	3.7	3.7	749	4.0	4.0	4.0	911	1.9	1.9	1.9	544	27.0	27.0	27.0	539	27.7	27.7	27.7
S16F	Organic Processing Building Bay Door (Open)	461	26.2	26.2	26.2	506	27.4	27.4	27.4	565	26.3	26.3	26.3	766	3.8	3.8	3.8	748	4.1	4.1	4.1	918	1.9	1.9	1.9	539	27.6	27.6	27.6	533	27.8	27.8	27.8
S17A	Pump Building Bay Door (Open)	509	—	—	—	562	—	—	—	623	—	—	—	714	—	—	—	696	—	—	—	878	—	—	—	596	—	—	—	588	—	—	—
S17B	Pump Building Bay Door (Open)	510	—	—	—	561	—	—	—	622	—	—	—	714	—	—	—	696	—	—	—	884	—	—	—	592	—	—	—	584	—	—	—
S18	Pump Building Bay Door (Open)	538	—	—	—	592	—	—	—	652	—	—	—	685	—	—	—	667	—	—	—	867	—	—	—	620	—	—	—	612	—	—	—
S19	Skimmer Building Bay Door (Open)	561	—	—	—	619	—	—	—	680	—	—	—	662	—	—	—	644	—	—	—	848	—	—	—	648	—	—	—	639	—	—	—
TR1	Truck Route	425	31.8	26.6	26.6	491	32.1	26.9	26.9	553	32.1	26.9	26.9	546	30.4	25.1	25.1	528	31.4	26.2	26.2	837	14.4	9.2	9.2	519	32.5	27.3	27.3	511	33.4	28.2	28.2
Total Facility Sound Level (1-hour Leq):			**38.5**	**37.5**	**37.5**		**40.1**	**39.3**	**39.3**		**39.4**	**38.5**	**38.5**		**38.5**	**37.8**	**37.8**		**39.3**	**38.6**	**38.6**		**21.7**	**21.0**	**21.0**		**39.4**	**38.0**	**38.0**		**39.9**	**38.5**	**38.5**
Emergency Noise Impact																																
Emg_1	Emergency Generator (200 kW)	547	41.9	—	—	583	41.6	—	—	637	42.6	—	—	686	34.0	—	—	668	34.2	—	—	929	15.8	—	—	579	42.6	—	—	568	42.9	—	—
Total Facility Sound Level (1-hour Leq):			**41.9**	**—**	**—**		**41.6**	**—**	**—**		**42.6**	**—**	**—**		**34.0**	**—**	**—**		**34.2**	**—**	**—**		**15.8**	**—**	**—**		**42.6**	**—**	**—**		**42.9**	**—**	**—**

Note:

[1] Sound level at the receptor was calculated using Cadna A acoustical modelling software.

Table 3

Acoustic Assessment Summary
Escarpment Renewables
424 Sobie Road, Beamsville, Ontario

Point of Reception ID	Point of Reception Description	Time of Day	Unmitigated Sound Levels (L_{EQ}) (dBA)	Mitigated Sound Levels (L_{EQ}) (dBA)	Performance Limit[1] (L_{EQ}) (dBA)	Compliance with Performance Limit (Yes/No)	Class Number	Verified by Acoustic Audit
Steady State Noise Impact								
POR1	Park Road Two-Storey Residential Facade	07:00–19:00	39	39	45	Yes	Class 3	No
		19:00–23:00	38	38	40	Yes	Class 3	No
		23:00–07:00	38	38	40	Yes	Class 3	No
POR2	Sobie Road Two-Storey Residential Facade	07:00–19:00	40	40	45	Yes	Class 3	No
		19:00–23:00	39	39	40	Yes	Class 3	No
		23:00–07:00	39	39	40	Yes	Class 3	No
POR3	Sobie Road Two-Storey Residential Facade	07:00–19:00	39	39	45	Yes	Class 3	No
		19:00–23:00	38	38	40	Yes	Class 3	No
		23:00–07:00	38	38	40	Yes	Class 3	No
POR4	Sobie Road One-Storey Residential Facade	07:00–19:00	44	39	45	Yes	Class 3	No
		19:00–23:00	43	38	40	Yes	Class 3	No
		23:00–07:00	43	38	40	Yes	Class 3	No
POR4_O	Outdoor Sobie Road One-Storey Residential	07:00–19:00	45	39	45	Yes	Class 3	No
		19:00–23:00	44	39	40	Yes	Class 3	No
POR5	Mud Street Two-Storey Residential Facade	07:00–19:00	22	22	45	Yes	Class 3	No
		19:00–23:00	21	21	40	Yes	Class 3	No
		23:00–07:00	21	21	40	Yes	Class 3	No
POR6	Park Road One-Storey Residential Facade	07:00–19:00	39	39	45	Yes	Class 3	No
		19:00–23:00	38	38	40	Yes	Class 3	No
		23:00–07:00	38	38	40	Yes	Class 3	No
POR6_O	Outdoor Park Road One-Storey Residential	07:00–19:00	40	40	45	Yes	Class 3	No
		19:00–23:00	39	39	40	Yes	Class 3	No
Emergency Noise Impact								
POR1	Park Road Two-Storey Residential Facade	07:00–19:00	42	42	50	Yes	Class 3	No
POR2	Sobie Road Two-Storey Residential Facade	07:00–19:00	42	42	50	Yes	Class 3	No
POR3	Sobie Road Two-Storey Residential Facade	07:00–19:00	43	43	50	Yes	Class 3	No
POR4	Sobie Road One-Storey Residential Facade	07:00–19:00	34	34	50	Yes	Class 3	No
POR4_O	Outdoor Sobie Road One-Storey Residential	07:00–19:00	34	34	50	Yes	Class 3	No
POR5	Mud Street Two-Storey Residential Facade	07:00–19:00	16	16	50	Yes	Class 3	No
POR6	Park Road One-Storey Residential Facade	07:00–19:00	43	43	50	Yes	Class 3	No
POR6_O	Outdoor Park Road One-Storey Residential	07:00–19:00	43	43	50	Yes	Class 3	No

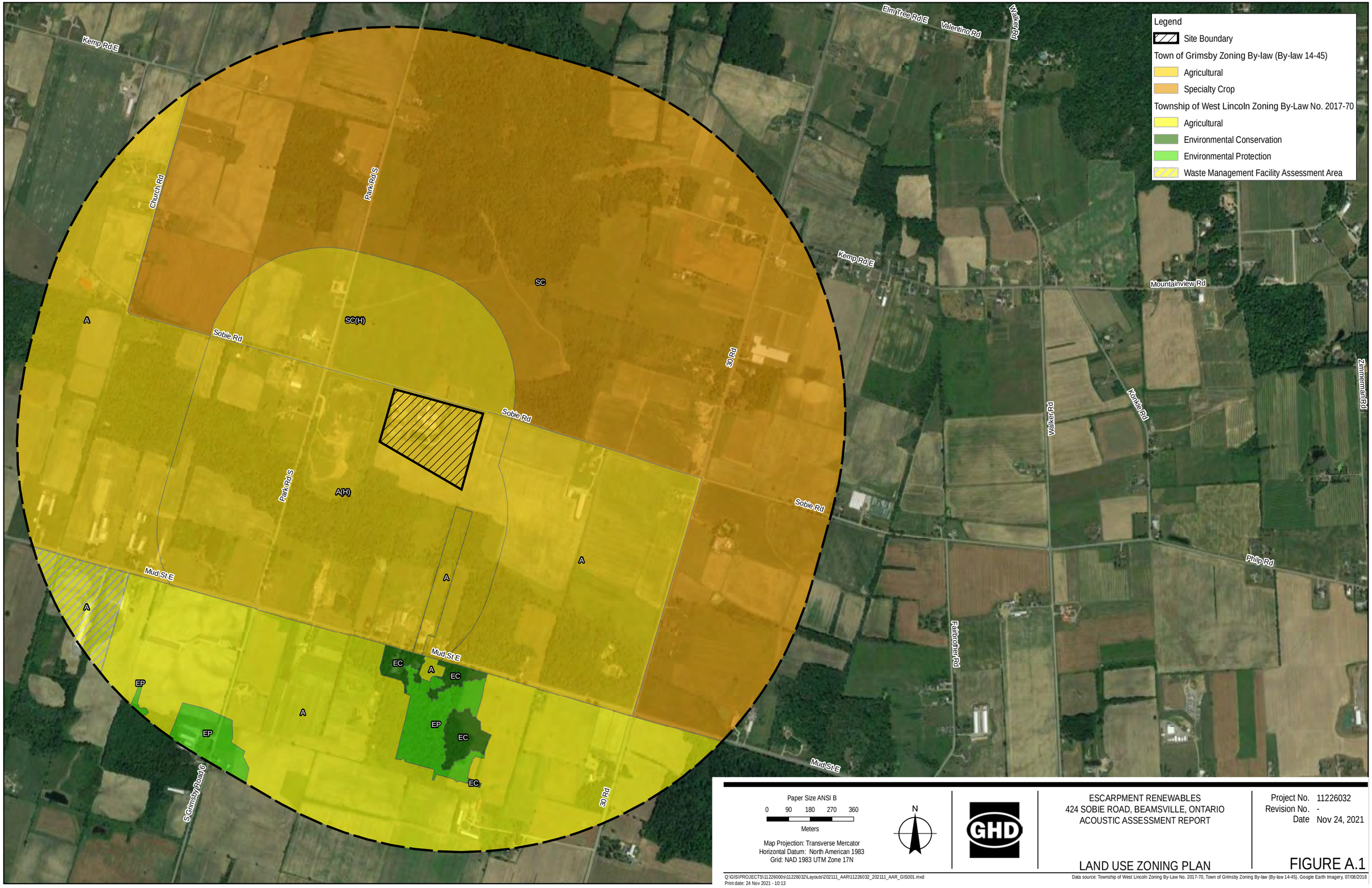
Note:

[1] Minimum MECP sound level limits as defined in NPC-300.

Appendices

Appendix A

Land Use Zoning Plan



Paper Size ANSI B

0 90 180 270 360

Meters

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N

N

GHD

ESCARPMENT RENEWABLES
424 SOBIE ROAD, BEAMSVILLE, ONTARIO
ACOUSTIC ASSESSMENT REPORT

Project No. 11226032
Revision No. -
Date Nov 24, 2021

LAND USE ZONING PLAN

FIGURE A.1

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Print date: 24 Nov 2021 - 10:13

Data source: Township of West Lincoln Zoning By-Law No. 2017-70, Town of Grimsby Zoning By-law (By-law 14-45), Google Earth Imagery, 07/08/2018

Appendix B

Summary of Insignificant Noise Sources

Table B.1

Insignificant Noise Source Summary
Escarpment Renewables
424 Sobie Road, Beamsville, Ontario

Source ID	Source Description	Comments
S20	Submersive Agitators on Storage Tanks	Observed to be inaudible
S21	Rooftop HVAC Units	Estimated to be < 25 dBA at the nearest POR
S22	Pumps in basement of pastuerization building	

Appendix C

Noise Source Sound Level Summary

Table C.1

Noise Source Sound Level Summary
Escarpment Renewables
424 Sobie Road, Beamsville, Ontario

Cadna A ID	Noise Source Description		1/1 Octave Band Data									Unadjusted Total Sound Power Level	Tonal Penalty Assessment		Height Absolute	Operating Time Day/Eve/Night	Vehicle Volumes Day/Eve/Night	Speed	Reference/Comments
			32	63	125	250	500	1000	2000	4000	8000	(dBA)		(dBA)	(m)	(min)	(veh/hr)	(km/hr)	
FR1	Fork Lift Route	PWL (dB)	31.0	117.0	112.0	105.0	107.0	104.0	103.0	100.0	91.0	119.0							Referenced from UK Department for Environment, Food and Rural Affairs (Defra)
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								Noise Database for Construction Noise document
		PWL (dBA)	—	90.8	95.9	96.4	103.8	104.0	104.2	101.0	89.9	**109.9**	No	0	193.0	—	10/10/10	15	Transport Truck Route - 26ton 235kw - DEFRA Table 1(c)#16
S01	Ventilation Exhaust	PWL (dB)	100.6	94.8	101.2	99.0	92.9	93.2	87.1	81.6	74.9	106.1							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	61.2	68.6	85.1	90.4	89.7	93.2	88.3	82.6	73.8	**97.3**	No	0	192.6	60/60/60	—	—	GHD Site Measurement
S03A	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	193.0	10/10/10	—	—	GHD Site Measurement
S03B	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	193.0	10/10/10	—	—	GHD Site Measurement
S03C	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	193.0	10/10/10	—	—	GHD Site Measurement
S03D	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	193.0	10/10/10	—	—	GHD Site Measurement
S04A	Agitator Motor (High Pitch)	PWL (dB)	78.2	75.9	72.6	78.6	87.3	91.5	87.0	92.0	69.4	96.3							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	38.8	49.7	56.5	70.0	84.1	91.5	88.2	93.0	68.3	**96.4**	No	0	192.4	15/15/15	—	—	GHD Site Measurement
S04B	Agitator Motor (High Pitch)	PWL (dB)	78.2	75.9	72.6	78.6	87.3	91.5	87.0	92.0	69.4	96.3							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	38.8	49.7	56.5	70.0	84.1	91.5	88.2	93.0	68.3	**96.4**	No	0	192.4	15/15/15	—	—	GHD Site Measurement
S04C	Agitator Motor (High Pitch)	PWL (dB)	78.2	75.9	72.6	78.6	87.3	91.5	87.0	92.0	69.4	96.3							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	38.8	49.7	56.5	70.0	84.1	91.5	88.2	93.0	68.3	**96.4**	No	0	192.4	15/15/15	—	—	GHD Site Measurement
S04D	Agitator Motor (High Pitch)	PWL (dB)	78.2	75.9	72.6	78.6	87.3	91.5	87.0	92.0	69.4	96.3							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	38.8	49.7	56.5	70.0	84.1	91.5	88.2	93.0	68.3	**96.4**	No	0	192.4	15/15/15	—	—	GHD Site Measurement
S05A	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	207.2	10/10/10	—	—	GHD Site Measurement
S05B	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	207.1	10/10/10	—	—	GHD Site Measurement
S05C	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	207.1	10/10/10	—	—	GHD Site Measurement
S05D	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	207.0	10/10/10	—	—	GHD Site Measurement
S05E	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	207.1	10/10/10	—	—	GHD Site Measurement
S05F	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	207.2	10/10/10	—	—	GHD Site Measurement
S05G	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	207.0	10/10/10	—	—	GHD Site Measurement
S05H	Digester Tank Axial Agitator	PWL (dB)	85.7	83.0	79.0	77.3	72.7	80.0	73.0	80.6	64.2	89.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.3	56.8	62.9	68.7	69.5	80.0	74.2	81.6	63.1	**84.6**	No	0	207.0	10/10/10	—	—	GHD Site Measurement
S06A	Side Wall Ventilation Fan	PWL (dB)	100.6	82.9	81.6	94.4	88.7	85.0	80.2	76.9	67.0	102.0							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	61.2	56.7	65.5	85.8	85.5	85.0	81.4	77.9	65.9	**91.0**	No	0	193.9	60/60/60	—	—	GHD Site Measurement
S06B	Side Wall Ventilation Fan	PWL (dB)	100.6	82.9	81.6	94.4	88.7	85.0	80.2	76.9	67.0	102.0							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	61.2	56.7	65.5	85.8	85.5	85.0	81.4	77.9	65.9	**91.0**	No	0	193.9	60/60/60	—	—	GHD Site Measurement
S07	CHP Unit	PWL (dB)	107.6	102.6	105.8	106.5	96.3	96.8	95.3	91.9	86.5	112.4							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	68.2	76.4	89.7	97.9	93.1	96.8	96.5	92.9	85.4	**103.2**	No	0	198.1	60/60/60	—	—	GHD Site Measurement
S08	Side Wall Ventilation Fan	PWL (dB)	83.7	87.5	89.5	90.6	86.4	84.5	80.2	75.8	67.7	95.7							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	44.3	61.3	73.4	82.0	83.2	84.5	81.4	76.8	66.6	**89.4**	No	0	194.0	60/60/60	—	—	GHD Site Measurement
S09	Truck Idle on Weight Scale	PWL (dB)	92.6	91.7	91.6	91.9	95.6	96.3	91.8	86.4	80.4	102.1							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	53.2	65.5	75.5	83.3	92.4	96.3	93.0	87.4	79.3	**99.5**	No	0	193.0	30/0/0	—	—	GHD Reference Spectra
S10	Flare	PWL (dB)	108.4	104.4	103.4	99.8	98.0	92.6	87.8	83.4	76.2	111.4							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	69.0	78.2	87.3	91.2	94.8	92.6	89.0	84.4	75.1	**99.0**	No	0	207.0	30/30/30	—	—	GHD Site Measurement

Table C.1

Noise Source Sound Level Summary
Escarpment Renewables
424 Sobie Road, Beamsville, Ontario

Cadna A ID	Noise Source Description		1/1 Octave Band Data									Unadjusted Total Sound Power Level	Tonal Penalty Assessment		Height Absolute	Operating Time Day/Eve/Night	Vehicle Volumes Day/Eve/Night	Speed	Reference/Comments
			32	63	125	250	500	1000	2000	4000	8000	(dBA)		(dBA)	(m)	(min)	(veh/hr)	(km/hr)	
S11	Truck Idle on Weight Scale	PWL (dB)	92.6	91.7	91.6	91.9	95.6	96.3	91.8	86.4	80.4	102.1							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	53.2	65.5	75.5	83.3	92.4	96.3	93.0	87.4	79.3	**99.5**	No	0	193.0	30/0/0	—	—	GHD Reference Spectra
S12A	RNG Facility Compressor Outlet	PWL (dB)	99.9	94.9	94.9	93.9	96.9	99.9	99.9	97.9	94.9	107.2							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	60.5	68.7	78.8	85.3	93.7	99.9	101.1	98.9	93.8	**105.5**	No	0	194.4	60/60/60	—	—	Manufacturer's Specification
S12B	RNG Facility Compressor Outlet	PWL (dB)	99.9	94.9	94.9	93.9	96.9	99.9	99.9	97.9	94.9	107.2							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	60.5	68.7	78.8	85.3	93.7	99.9	101.1	98.9	93.8	**105.5**	No	0	194.4	60/60/60	—	—	Manufacturer's Specification
S13A	Chiller	PWL (dB)	85.6	102.7	97.7	93.0	88.9	85.7	81.4	74.5	68.3	104.5							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.2	76.5	81.6	84.4	85.7	85.7	82.6	75.5	67.2	**91.6**	No	0	193.5	60/60/60	—	—	Manufacturer's Specification
S13B	Chiller	PWL (dB)	85.6	102.7	97.7	93.0	88.9	85.7	81.4	74.5	68.3	104.5							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	46.2	76.5	81.6	84.4	85.7	85.7	82.6	75.5	67.2	**91.6**	No	0	193.5	60/60/60	—	—	Manufacturer's Specification
S14A	RNG Compressor Truck Idling	PWL (dB)	92.6	91.7	91.6	91.9	95.6	96.3	91.8	86.4	80.4	102.1							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	53.2	65.5	75.5	83.3	92.4	96.3	93.0	87.4	79.3	**99.5**	No	0	193.0	60/60/60	—	—	GHD Reference Spectra
S14B	RNG Compressor Truck Idling	PWL (dB)	92.6	91.7	91.6	91.9	95.6	96.3	91.8	86.4	80.4	102.1							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	53.2	65.5	75.5	83.3	92.4	96.3	93.0	87.4	79.3	**99.5**	No	0	193.0	60/60/60	—	—	GHD Reference Spectra
S15	RNG Facility Compressor Inlet	PWL (dB)	103.0	98.0	98.0	97.0	100.0	103.0	103.0	101.0	98.0	110.3							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	63.6	71.8	81.9	88.4	96.8	103.0	104.2	102.0	96.9	**108.6**	No	0	192.5	60/60/60	—	—	GHD Reference Spectra
S16A	Organic Processing Building Bay Door (Open)	PWL (dB)	90.8	89.1	87.9	88.9	100.2	89.6	85.1	76.1	70.2	101.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	51.4	62.9	71.8	80.3	97.0	89.6	86.3	77.1	69.1	**98.2**	No	0	191.5	60/60/60	—	—	Manufacturer's Specification
S16B	Organic Processing Building Bay Door (Open)	PWL (dB)	90.8	89.1	87.9	88.9	100.2	89.7	85.1	76.1	70.2	101.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	51.4	62.9	71.8	80.3	97.0	89.7	86.3	77.1	69.1	**98.2**	No	0	193.5	60/60/60	—	—	Manufacturer's Specification
S16C	Organic Processing Building Bay Door (Open)	PWL (dB)	90.8	89.1	87.9	88.9	100.2	89.6	85.1	76.1	70.2	101.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	51.4	62.9	71.8	80.3	97.0	89.6	86.3	77.1	69.1	**98.2**	No	0	194.5	60/60/60	—	—	Manufacturer's Specification
S16D	Organic Processing Building Bay Door (Open)	PWL (dB)	90.8	89.1	87.9	88.9	100.2	89.6	85.1	76.1	70.2	101.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	51.4	62.9	71.8	80.3	97.0	89.6	86.3	77.1	69.1	**98.2**	No	0	193.5	60/60/60	—	—	Manufacturer's Specification
S16E	Organic Processing Building Bay Door (Open)	PWL (dB)	90.8	89.1	87.9	88.9	100.2	89.6	85.1	76.1	70.2	101.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	51.4	62.9	71.8	80.3	97.0	89.6	86.3	77.1	69.1	**98.2**	No	0	193.5	60/60/60	—	—	Manufacturer's Specification
S16F	Organic Processing Building Bay Door (Open)	PWL (dB)	90.8	89.1	87.9	88.9	100.2	89.6	85.1	76.1	70.2	101.8							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	51.4	62.9	71.8	80.3	97.0	89.6	86.3	77.1	69.1	**98.2**	No	0	191.5	60/60/60	—	—	Manufacturer's Specification
S17A	Pump Building Bay Door (Open)	PWL (dB)	68.1	60.6	60.7	68.6	66.7	68.5	67.8	70.5	69.7	77.4							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	28.7	34.4	44.6	60.0	63.5	68.5	69.0	71.5	68.6	**76.0**	No	0	192.9	60/60/60	—	—	GHD Site Measurement
S17B	Pump Building Bay Door (Open)	PWL (dB)	68.1	60.6	60.7	68.6	66.7	68.5	67.8	70.5	69.7	77.4							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	28.7	34.4	44.6	60.0	63.5	68.5	69.0	71.5	68.6	**76.0**	No	0	192.9	60/60/60	—	—	GHD Site Measurement
S18	Pump Building Bay Door (Open)	PWL (dB)	70.0	64.5	64.4	68.2	67.3	65.6	62.8	64.3	59.8	75.7							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	30.6	38.3	48.3	59.6	64.1	65.6	64.0	65.3	58.7	**71.4**	No	0	191.9	60/60/60	—	—	GHD Site Measurement
S19	Skimmer Building Bay Door (Open)	PWL (dB)	77.8	60.9	61.5	66.5	66.7	67.4	63.2	62.5	55.8	79.2							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	38.4	34.7	45.4	57.9	63.5	67.4	64.4	63.5	54.7	**71.4**	No	0	192.4	60/60/60	—	—	GHD Site Measurement
TR1	Truck Route	PWL (dB)	31.0	117.0	112.0	105.0	107.0	104.0	103.0	100.0	91.0	119.0							Referenced from UK Department for Environment, Food and Rural Affairs (Defra)
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								Noise Database for Construction Noise document
		PWL (dBA)	—	90.8	95.9	96.4	103.8	104.0	104.2	101.0	89.9	**109.9**	No	0	193.0	—	10/3/3	15	Transport Truck Route - 26ton 235kw - DEFRA Table 1(c)#16
Emg_1	Emergency Generator (200 kW)	PWL (dB)	101.9	114.9	116.2	108.2	106.8	108.1	105.1	102.7	100.9	119.9							
		A-weighted correction	-39.4	-26.2	-16.1	-8.6	-3.2	0.0	1.2	1.0	-1.1								
		PWL (dBA)	62.5	88.7	100.1	99.6	103.6	108.1	106.3	103.7	99.8	**112.6**	No	0	194.5	60/0/0	—	—	GHD Site Measurement

Appendix D

Manufacturer Specifications and Preliminary Drawings

Carol Bravo

From: Sam East
Sent: Thursday, November 25, 2021 12:48 PM
To: Sam East
Subject: RE: ComTech Energy - Escarpment Renewables

From: Guy Couturier <guy.couturier@comtechenergy.ca>
Sent: Friday, September 17, 2021 4:13 PM
To: Daniel Turner <Daniel.Turner@ghd.com>
Cc: Jon Taylor <jon.taylor@comtechenergy.ca>; James Ro @ ComTech <james.ro@comtechenergy.ca>; Marie-Geneviève Poitras <mg.poitras@comtechenergy.ca>
Subject: RE: ComTech Energy - Escarpment Renewables

Hello Daniel,

The high pressure CNG compressors we are looking at for this application typically have a sound rating of 80-85 dBa @ 10 feet. If this is too high for your requirements we can look into sound attenuation dampers as an option. We have just this week also provided Sam and Andrew some pricing for the transportation costs and proposed a call the week of the 27th to get everyone back on the same page and see where they are at and how we can help them move forward. Hopefully they will agree and we will all get the chance to catch up.

Let us know if you have any questions or need any additional information.

Thanks,

Guy

Guy Couturier
Senior Sales Specialist Renewable & Alternative Energy
ComTech Energy
C: (514) 777-9544

Visit the NEW www.comtechenergy.ca to learn more about us and why we are the right partner for you!

S13

OFFER REFERENCE: QT20-12855 / OP20-12093
CUSTOMER: GHD
CONTACT: Scott Dunbar
PROJECT: Humber Plant Wide Upgrades – Gas Chilling
DATE: 2020 September 17th

CREATED BY
NAME: Ahmed El Nady
PHONE: 416-819-0151
EMAIL: aelnady@trane.com

Free Cooling chiller with scroll compressors		**MPC-FC-5000-SP**
Refrigerant	R	410A
Electrical	V/ph/Hz	460/3/60
Electrical cabinet	NEMA	3R
Cooling capacity	TONS	26.09
Cooling capacity	BTU/h	313,095
Inlet fluid temperature	°F	41.0
Outlet fluid temperature	°F	35.6
Fluid type	Type	Propylene glycol
Glycol percentage	%	50%
Design ambient temperature	°F	95
Elevation	ft	0
INTEGRATED FREE COOLING DATA		
Cooling capacity	TONS	26.09
Cooling capacity	BTU/h	313,095
Ambient temperature for 100% Free Cooling	°F	20.3
Inlet fluid temperature	°F	41.0
Outlet fluid temperature	°F	35.6
Free Cooling pressure drops (Free Cooling coil + evaporator + valves + piping)	ftH2O	127.2
COMPRESSOR DATA		
Compressor number and type	N°xType	4 x scroll
Number of circuits	N°	2
Total compressors running current RLA	A	60.4
Chiller capacity steps	N°	4

S13

motivair™
COOLING SOLUTIONS

EVAPORATOR DATA		
Number of evaporators	N°	2
Type of evaporator	Type	plate
Approval	/	CRN
Nominal flow rate	gpm	130.8
Minimum flow rate	gpm	70.4
Mechanical cooling pressure drops (evaporator + valves + piping)	ftH2O	68.8
Hydraulic connections	ANSI	2.5”
AIR AXIAL FANS AND CONDENSER DATA		
Number of fans	N°	4.0
Total air flow	cfm	42,380
Minimum ambient temperature	°F	-40.0
Maximum ambient temperature	°F	105
PUMP AND TANK DATA		
Pump motor size	HP	15
Available external pressure	ftH2O	77.3
Buffer tank material	Type	Stainless steel
Buffer tank volume	gal	132
TOTAL ELECTRICAL DATA (standard configuration)		
Full load amps (FLA)	A	98
Minimum circuit ampacity (MCA)	A	102
Maximum overcurrent protection (MOP)	A	118
Short circuit current rating (SCCR)	kA	6
NOISE DATA ACCORDING ISO3744		
Sound pressure level at 33ft	dBA	63
DIMENSIONS		
Length	in	171
Width	in	44
Height	in	86
WEIGHT		
Empty	lb	4,860

S13

motivair™
COOLING SOLUTIONS

BUDGET PRICING (CAD$)	
Qty. One (1) Motivair MPC-FC-5000-SP Chiller as described above:	$119,500.00
***Freight Estimate:	$5,500.00
Available Options:	
Adder: Stainless Steel Tank:	INCLUDED.
Adder: P5 High Pressure Pumps (Required):	INCLUDED.
Adder: Condenser Coil Coating:	$17,650.00
Adder: Communication Interface Card:	$3,200.0.
Adder: Duplex Pumps w/ Automatic Changeover:	$10,590.00
Adder: Scroll Compressor Wraps (Low Noise):	$3,662.00
Adder: Evaporator Heat Trace:	$2,948.00
Adder: Compressor Service Valves:	$3,942.00
Adder: 2nd-5th year extended compressor parts only warranty (No Labor):	$8,311.00
Note: extended compressor parts only warranty is only available with verification that start-up has been performed by a factory authorized representative.	

NOTES

All data subject to change.

See Motivair Engineering Bulletin for installation details.

For 575V chillers, specify region to have CRN approval.

Customer is responsible for ensuring there is an adequate amount of system volume. Motivair requires 3 to 5 times the amount of flow through the chiller at a minimum. Example: 300GPM x 5 minutes = 1,500 Gallons. The recommended system volume must be maintained during all modes of operation including when a system bypass is active.

Correct glycol percentage required for design winter ambient. Motivair warranty does not cover damage due to freezing.

SHIPMENT

Approximate shipment is 12 - 14 weeks, A.R.O. pending all approvals.

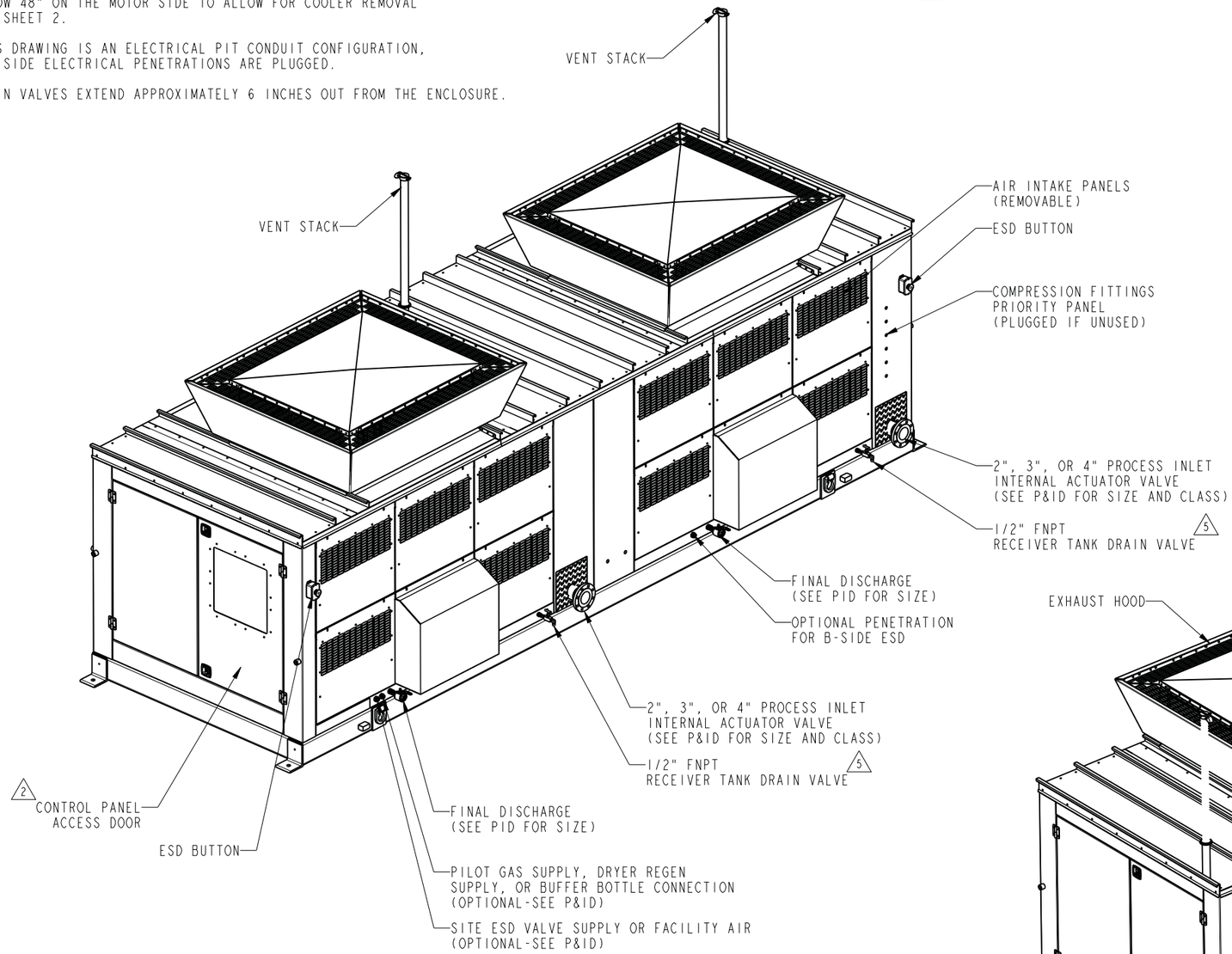
S13

***Freight is an estimate only and is subject to change based on current day charges.

NOTES:

1. DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-2009.
2. ALL HINGED DOORS SWING OUT 36" FROM THE ENCLOSURE.
3. ALLOW 48" ON THE MOTOR SIDE TO ALLOW FOR COOLER REMOVAL SEE SHEET 2.
4. THIS DRAWING IS AN ELECTRICAL PIT CONDUIT CONFIGURATION, ALL SIDE ELECTRICAL PENETRATIONS ARE PLUGGED.
5. DRAIN VALVES EXTEND APPROXIMATELY 6 INCHES OUT FROM THE ENCLOSURE.

S12



COMPRESSOR DATA

WEIGHT: 30,000 LBS (APPROXIMATE).

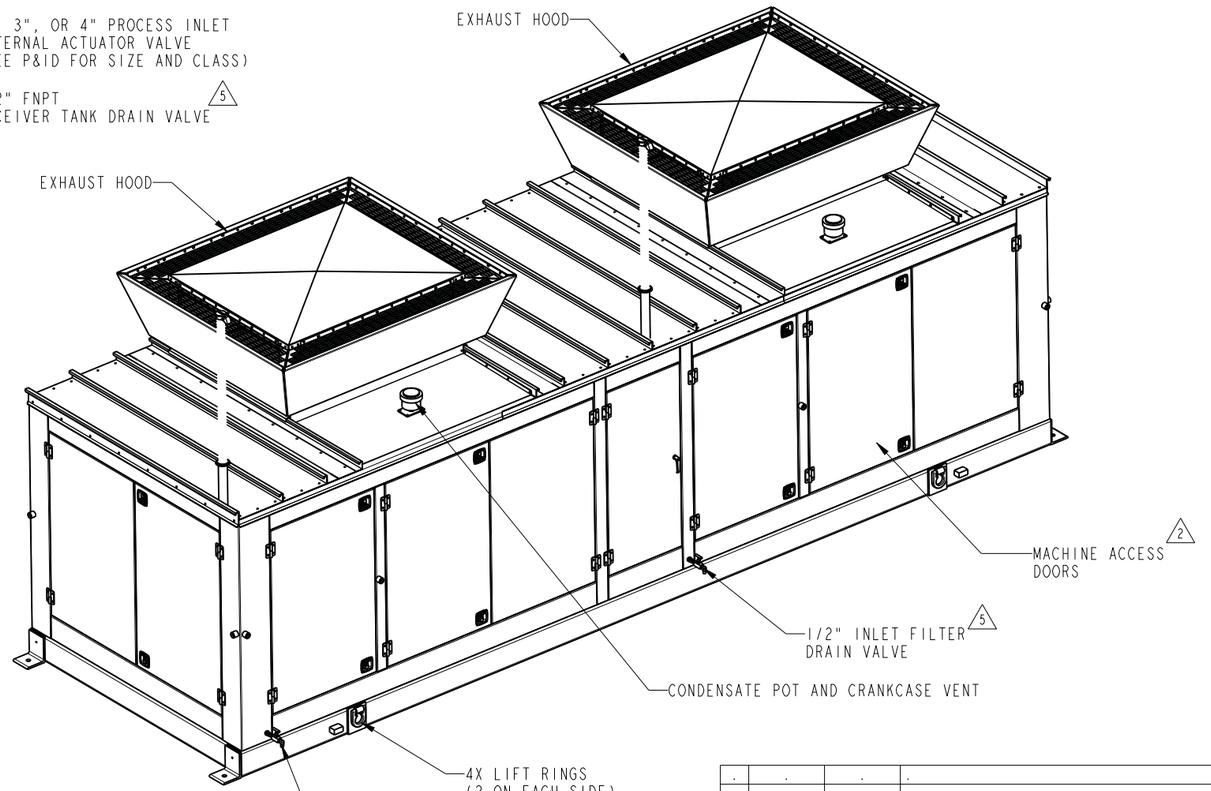
TYPE: ARIEL RECIPROCATING COMPRESSOR.

CLEARANCE: ALLOW 36" MINIMUM ON ALL SIDES FOR ACCESS UNLESS OTHERWISE INDICATED.

MOUNTING: REQUIRES EIGHT (8) 1" DIAMETER ANCHOR BOLTS (NOT PROVIDED). GROUTING THE COMPRESSOR TO THE CONCRETE PAD IS NOT RECOMMENDED.

LIFTING: FOR SPREADER BAR SIZING, SEE A05-13-NG300E-DUPLEX

SHIPPING: VENT STACK, INLET VALVE, DRAIN VALVES,AND 1/4" ACTUATOR TUBING ARE REMOVED FOR SHIPPING.



REV	DATE	APPROVED	DESCRIPTION
.	.	.	.
.	.	.	.
B	02/08/2018	JFO	UPDATE VISUALS, ADD DIMS ACN1005622
A	10/9/17	JRG	UPDATE PIT PENETRATIONS, ACN1004520

ANGI ENERGY SYSTEMS
305 W DELAVAN DR
JANESVILLE, WI 53546
PH: 608-563-2800
www.angienergy.com

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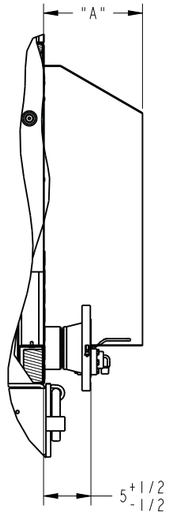
UNLESS OTHERWISE SPECIFIED
BREAK SHARP EDGES .005 -.015
ALL DIMENSIONS IN INCHES
FRACTIONAL ± 1/8
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ± °

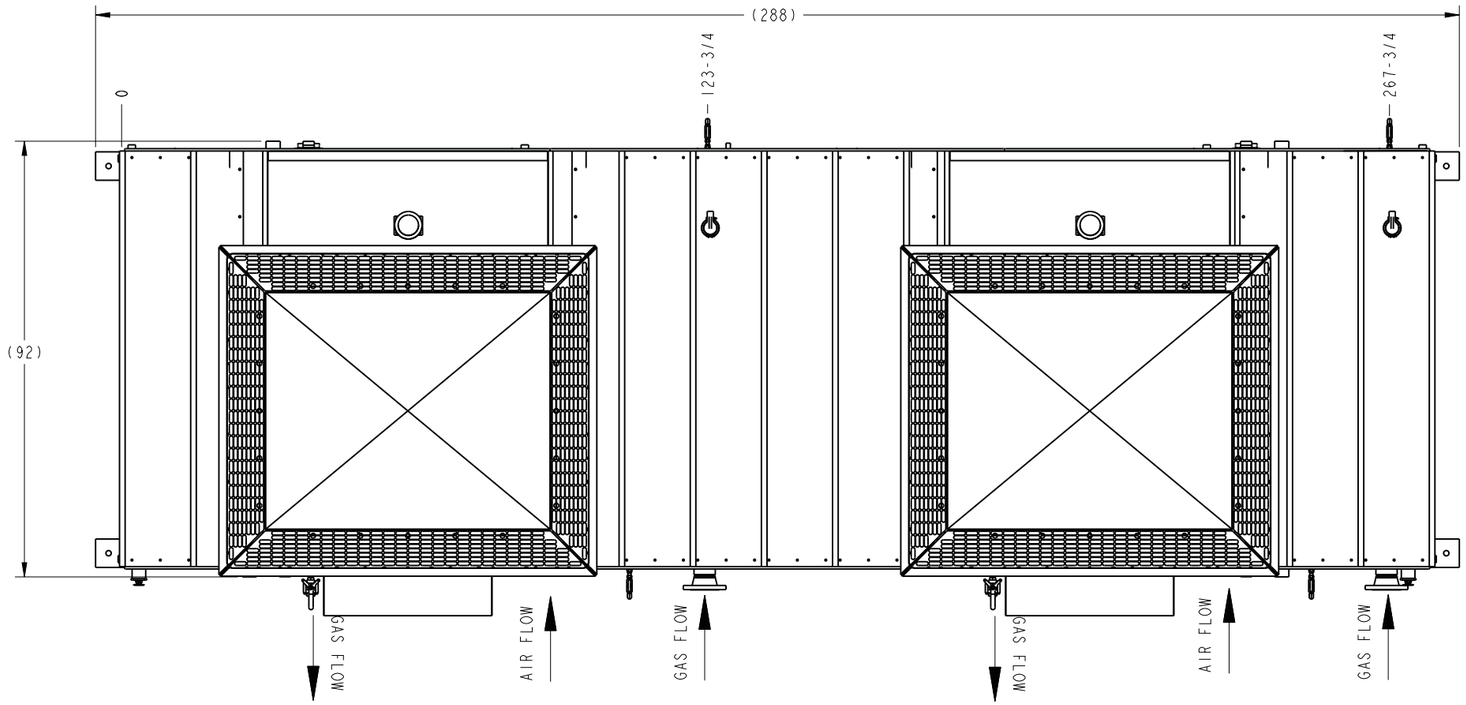
TITLE: GENERAL LAYOUT - NG300E DUPLEX COLD WEATHER -PIT PENETRATIONS
CUSTOMER
PROJECT NO
SHEET 1 of 3
SCALE 0.050
DRAWING NO A05-10-ED-CW-PIT
REV B
DRAWN BY JFO
DATE 10/19/2015

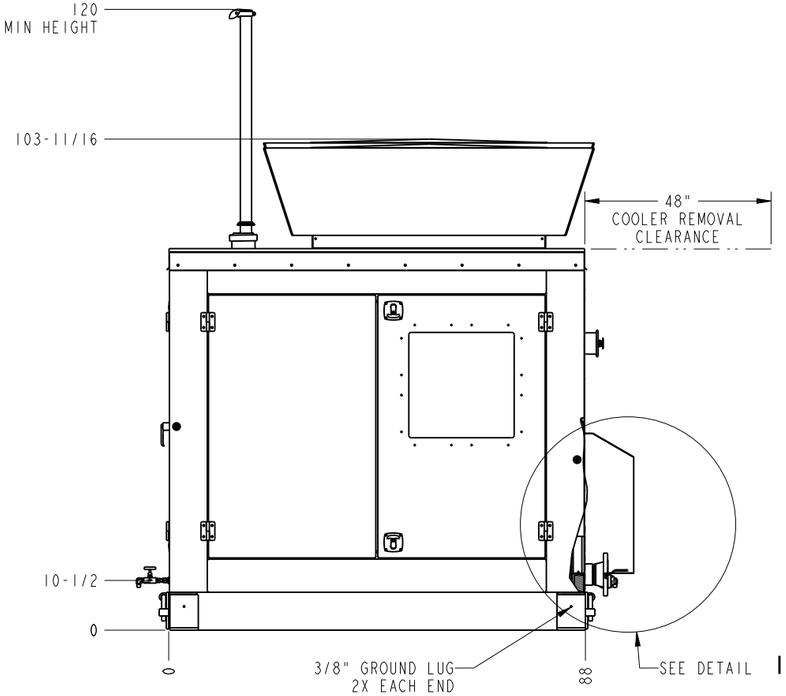
ANGI RELEASED 14-Feb-18

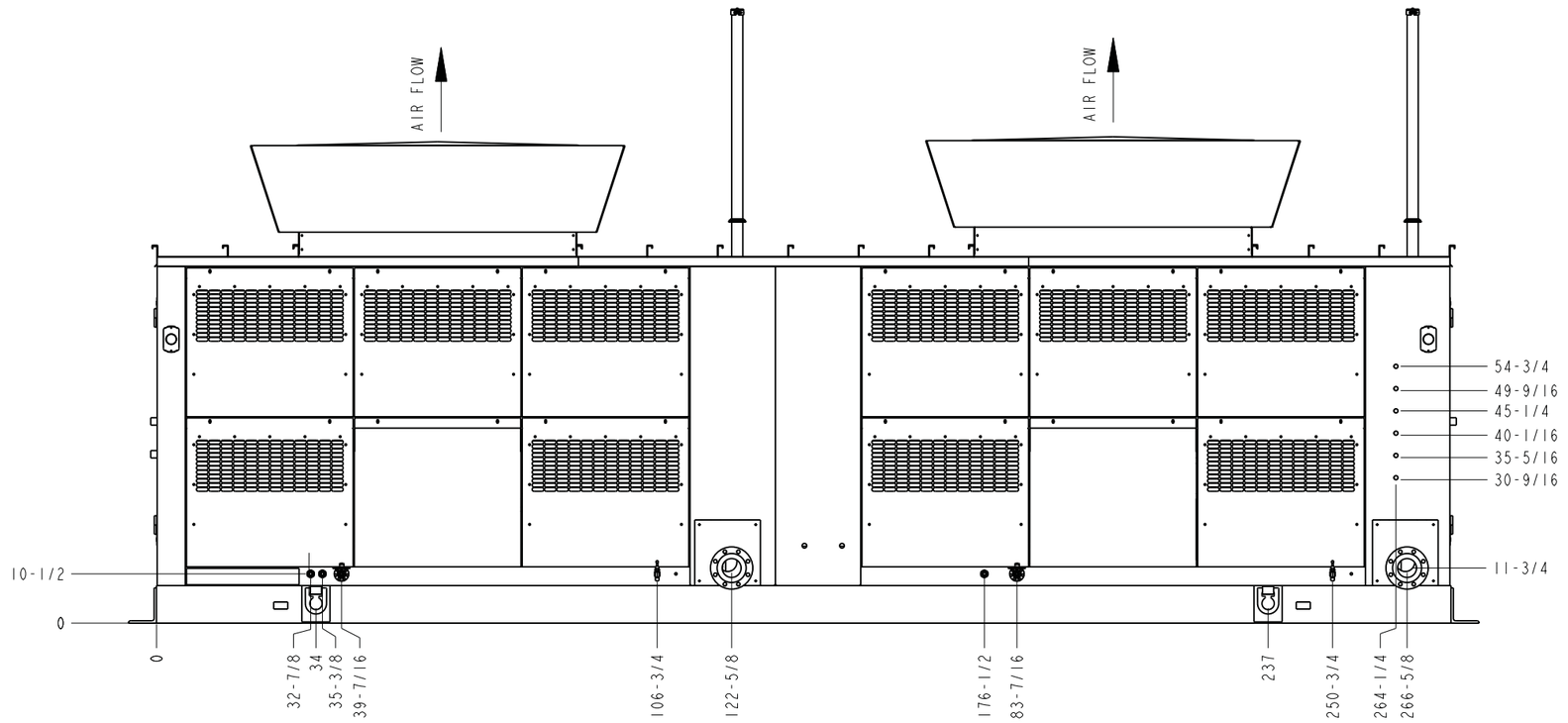
ENCLOSURE BUMP OUT WIDTH - SEE SITE PID TO DETERMINE DIM "A"		
ENGINE HP	BUMP OUT STYLE	DIM "A"
100 HP	E1	0.00
125 HP	E1	0.00
150 HP	E1	0.00
200 HP	E2	5.19
250 HP	E2	5.19
300 HP	E3	10.39



DETAIL I
SCALE 0.125







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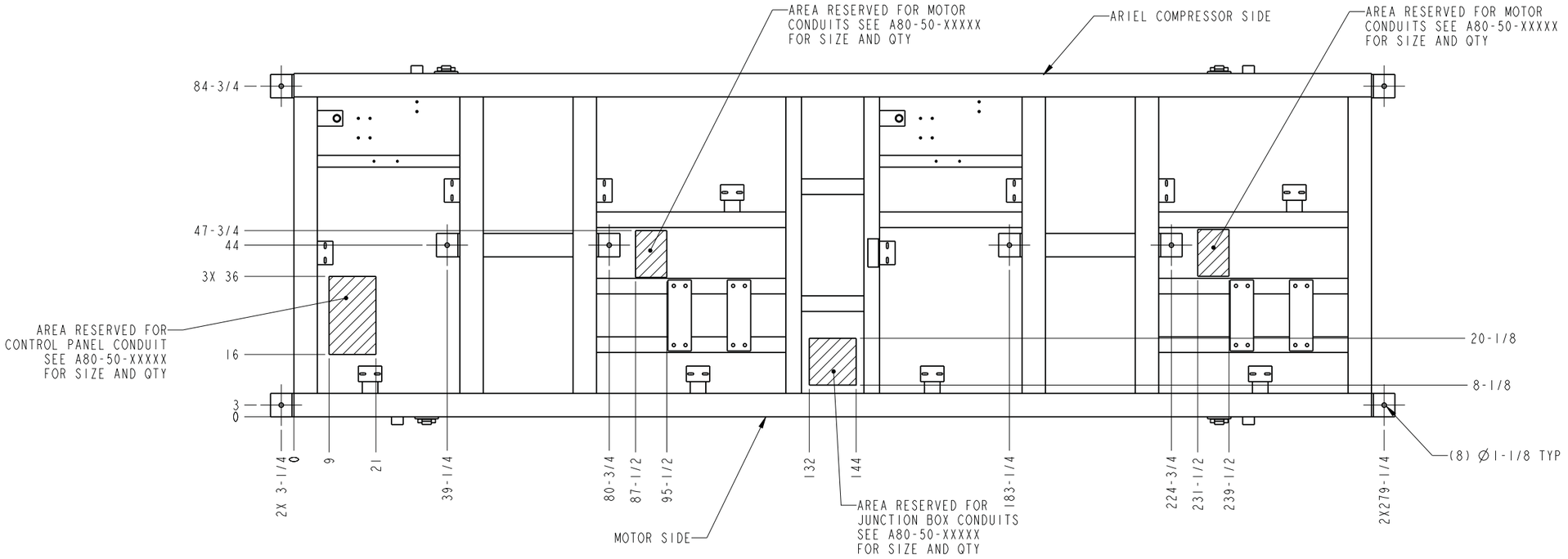
JANESVILLE, WI 53546
PH: 608-563-2800
www.angienergy.com

UNLESS OTHERWISE SPECIFIED
BREAK SHARP EDGES .005 - .015
ALL DIMENSIONS IN INCHES
FRACTIONAL ± 1/8
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ± 1°

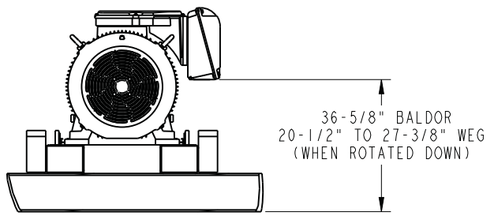
TITLE
GENERAL LAYOUT - NG300E DUPLEX COLD WEATHER -PIT PENETRATIONS

CUSTOMER		PROJECT NO	
SHEET 2 of 3	SCALE 0.063	DRAWING NO A05-10-ED-CW-PIT	REV B
DRAWN BY JFO	DATE 10/19/2015		

ANGI RELEASED 14-Feb-18



ANCHOR BOLT LOCATIONS
AND CONDUIT PENETRATION LOCATIONS



MOTOR CONDUIT HEIGHT

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UNLESS OTHERWISE SPECIFIED
BREAK SHARP EDGES .005 -.015
ALL DIMENSIONS IN INCHES
FRACTIONAL ± 1/8
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ± 1°

TITLE: GENERAL LAYOUT - NG300E DUPLEX COLD WEATHER -PIT PENETRATIONS

CUSTOMER		PROJECT NO	
SHEET 3 of 3	SCALE 0.063	DRAWING NO A05-10-ED-CW-PIT	REV B
DRAWN BY JFO	DATE 10/19/2015		

ANGI RELEASED 14-Feb-18

S16

SCOTT EQUIPMENT COMPANY
EQUIPMENT: TURBO SEPARATOR
SUBJECT: SOUND RATINGS

Please find a specification for our normalized, expected dB output when processing organic waste in our Turbo Separator models (T16, T20, T30, T42, THOR, and Mega THOR).

5’	10’	20’	50’
90dB*	80-85dB	70-75dB	<70dB

A sound level meter is the instrument normally used to measure noise levels on the decibel scale. Several factors affect the noise level reading:

- The distance between the meter and the source of the sound
- The direction the noise source is facing, relative to the meter
- Whether the measurement is taken outdoors (where noise can dissipate) or indoors (where noise can reverberate)

**when processing metal cans only, dB rating increases by >5%*

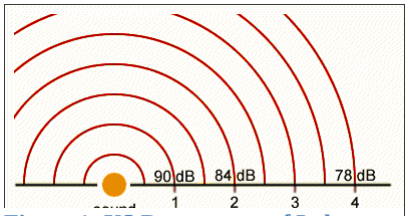

Figure 1: US Department of Labor

Should you have any additional questions, please do not hesitate to contact Scott Test Lab directly at 952.758.0418.

Sincerely,

Kevin Pedretti
Scott Equipment Company

Appendix E

CadnaA Sample Calculation

Receiver
Name: Sobie Road One-Storey Residential Facade
ID: POR4
X: 619494.26 m
Y: 4778092.25 m
Z: 191.57 m

Point Source, ISO 9613, Name: "RNG Facility Compressor Inlet", ID: "!07!S15"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
109	618939.98	4778235.69	192.50	0	DEN	A	108.6	0.0	0.0	0.0	0.0	66.2	4.7	-0.3	0.0	0.0	6.9	0.0	0.0	31.1
119	618939.98	4778235.69	192.50	1	DEN	A	108.6	0.0	0.0	0.0	0.0	67.9	5.4	-0.6	0.0	0.0	24.0	0.0	13.5	-1.6
123	618939.98	4778235.69	192.50	1	DEN	A	108.6	0.0	0.0	0.0	0.0	67.3	5.2	-0.5	0.0	0.0	24.0	0.0	11.9	0.7
130	618939.98	4778235.69	192.50	1	DEN	A	108.6	0.0	0.0	0.0	0.0	66.4	4.8	-0.3	0.0	0.0	6.1	0.0	5.1	26.5
134	618939.98	4778235.69	192.50	1	DEN	A	108.6	0.0	0.0	0.0	0.0	67.0	5.1	-0.4	0.0	0.0	4.8	0.0	9.8	22.4
141	618939.98	4778235.69	192.50	1	DEN	A	108.6	0.0	0.0	0.0	0.0	68.4	5.6	-0.6	0.0	0.0	23.9	0.0	14.7	-3.5
144	618939.98	4778235.69	192.50	1	DEN	A	108.6	0.0	0.0	0.0	0.0	67.2	5.1	-0.5	0.0	0.0	23.5	0.0	11.2	2.1

Point Source, ISO 9613, Name: "RNG Facility Compressor Outlet", ID: "!07!S12B"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
153	618939.62	4778197.30	194.35	0	DEN	A	105.5	0.0	0.0	0.0	0.0	66.0	4.7	-0.2	0.0	0.0	5.7	0.0	0.0	29.3
157	618939.62	4778197.30	194.35	1	DEN	A	105.5	0.0	0.0	0.0	0.0	68.2	5.5	-0.6	0.0	0.0	15.7	0.0	15.0	1.6
160	618939.62	4778197.30	194.35	1	DEN	A	105.5	0.0	0.0	0.0	0.0	67.7	5.3	-0.5	0.0	0.0	12.2	0.0	13.8	6.9
169	618939.62	4778197.30	194.35	1	DEN	A	105.5	0.0	0.0	0.0	0.0	66.9	5.0	-0.4	0.0	0.0	4.5	0.0	10.4	19.0
172	618939.62	4778197.30	194.35	1	DEN	A	105.5	0.0	0.0	0.0	0.0	66.9	5.0	-0.4	0.0	0.0	4.5	0.0	8.4	21.1
175	618939.62	4778197.30	194.35	1	DEN	A	105.5	0.0	0.0	0.0	0.0	67.4	5.2	-0.5	0.0	0.0	4.4	0.0	12.8	16.2

Point Source, ISO 9613, Name: "RNG Facility Compressor Outlet", ID: "!07!S12A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
179	618934.96	4778198.83	194.35	0	DEN	A	105.5	0.0	0.0	0.0	0.0	66.1	4.7	-0.2	0.0	0.0	5.5	0.0	0.0	29.4
183	618934.96	4778198.83	194.35	1	DEN	A	105.5	0.0	0.0	0.0	0.0	68.2	5.5	-0.6	0.0	0.0	16.5	0.0	14.9	1.0
185	618934.96	4778198.83	194.35	1	DEN	A	105.5	0.0	0.0	0.0	0.0	67.6	5.3	-0.5	0.0	0.0	12.6	0.0	13.7	6.8
192	618934.96	4778198.83	194.35	1	DEN	A	105.5	0.0	0.0	0.0	0.0	66.9	5.0	-0.4	0.0	0.0	4.5	0.0	10.4	19.1
196	618934.96	4778198.83	194.35	1	DEN	A	105.5	0.0	0.0	0.0	0.0	66.8	5.0	-0.4	0.0	0.0	4.6	0.0	7.8	21.7
202	618934.96	4778198.83	194.35	1	DEN	A	105.5	0.0	0.0	0.0	0.0	67.4	5.2	-0.5	0.0	0.0	4.4	0.0	12.5	16.5

Point Source, ISO 9613, Name: "CHP Unit", ID: "!03!S07"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
208	618826.17	4778286.11	198.09	0	DEN	A	103.2	0.0	0.0	0.0	0.0	67.8	2.7	2.1	0.0	0.0	12.7	0.0	0.0	17.8
214	618826.17	4778286.11	198.09	1	DEN	A	103.2	0.0	0.0	0.0	0.0	68.0	2.7	2.1	0.0	0.0	2.7	0.0	22.1	5.5

Point Source, ISO 9613, Name: "RNG Compressor Truck Idling", ID: "!07!S14A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
220	618938.71	4778187.69	193.00	0	DEN	A	99.5	0.0	0.0	0.0	0.0	66.0	2.7	0.4	0.0	0.0	6.0	0.0	0.0	24.4
224	618938.71	4778187.69	193.00	1	DEN	A	99.5	0.0	0.0	0.0	0.0	68.3	3.3	-0.0	0.0	0.0	15.0	0.0	15.4	-2.4
228	618938.71	4778187.69	193.00	1	DEN	A	99.5	0.0	0.0	0.0	0.0	67.8	3.1	0.1	0.0	0.0	11.3	0.0	14.3	3.0
230	618938.71	4778187.69	193.00	1	DEN	A	99.5	0.0	0.0	0.0	0.0	67.0	2.9	0.2	0.0	0.0	4.2	0.0	11.2	14.0
244	618938.71	4778187.69	193.00	1	DEN	A	99.5	0.0	0.0	0.0	0.0	66.9	2.9	0.2	0.0	0.0	4.3	0.0	8.7	16.6
250	618938.71	4778187.69	193.00	1	DEN	A	99.5	0.0	0.0	0.0	0.0	67.5	3.1	0.1	0.0	0.0	4.0	0.0	13.3	11.5

Point Source, ISO 9613, Name: "RNG Compressor Truck Idling", ID: "!07!S14B"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
261	618931.06	4778189.30	193.00	0	DEN	A	99.5	0.0	0.0	0.0	0.0	66.1	2.7	0.3	0.0	0.0	5.6	0.0	0.0	24.7
263	618931.06	4778189.30	193.00	1	DEN	A	99.5	0.0	0.0	0.0	0.0	68.2	3.3	0.0	0.0	0.0	15.9	0.0	15.3	-3.2
268	618931.06	4778189.30	193.00	1	DEN	A	99.5	0.0	0.0	0.0	0.0	67.7	3.1	0.1	0.0	0.0	11.5	0.0	14.1	2.9
270	618931.06	4778189.30	193.00	1	DEN	A	99.5	0.0	0.0	0.0	0.0	67.0	2.9	0.2	0.0	0.0	4.2	0.0	11.2	14.0
272	618931.06	4778189.30	193.00	1	DEN	A	99.5	0.0	0.0	0.0	0.0	66.8	2.9	0.2	0.0	0.0	4.4	0.0	7.8	17.5
274	618931.06	4778189.30	193.00	1	DEN	A	99.5	0.0	0.0	0.0	0.0	67.4	3.0	0.1	0.0	0.0	4.1	0.0	13.0	11.8

Point Source, ISO 9613, Name: "Flare", ID: "!07!S10"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
276	618942.63	4778184.06	207.00	0	D	A	98.9	0.0	-3.0	0.0	0.0	66.0	1.6	3.0	0.0	0.0	0.0	0.0	0.0	25.3
276	618942.63	4778184.06	207.00	0	N	A	98.9	0.0	-3.0	0.0	0.0	66.0	1.6	3.0	0.0	0.0	0.0	0.0	0.0	25.3
276	618942.63	4778184.06	207.00	0	E	A	98.9	0.0	-3.0	0.0	0.0	66.0	1.6	3.0	0.0	0.0	0.0	0.0	0.0	25.3

Point Source, ISO 9613, Name: "Ventilation Exhaust", ID: "!03!S01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
283	618840.43	4778283.40	192.64	0	DEN	A	97.3	0.0	0.0	0.0	0.0	67.7	2.1	1.6	0.0	0.0	21.7	0.0	0.0	4.3
289	618840.43	4778283.40	192.64	1	DEN	A	97.3	0.0	0.0	0.0	0.0	68.5	2.3	1.5	0.0	0.0	10.5	0.0	19.7	-5.2

Line Source, ISO 9613, Name: "Fork Lift Route", ID: "!03!FR1"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
300	618748.05	4778206.75	192.93	0	DEN	A	77.7	15.6	0.0	0.0	0.0	68.6	1.5	3.7	0.0	0.0	12.5	0.0	0.0	7.1
305	618748.05	4778206.75	192.93	1	DEN	A	77.7	15.6	0.0	0.0	0.0	68.9	1.5	3.6	0.0	0.0	19.7	0.0	01.9	-102.3
310	618766.80	4778200.96	192.86	0	DEN	A	77.7	4.7	0.0	0.0	0.0	68.3	1.4	3.7	0.0	0.0	2.4	0.0	0.0	6.6
315	618766.80	4778200.96	192.86	1	DEN	A	77.7	4.7	0.0	0.0	0.0	68.8	1.5	3.6	0.0	0.0	19.6	0.0	01.0	-112.0
319	618770.54	4778199.81	192.85	0	DEN	A	77.7	6.9	0.0	0.0	0.0	68.3	1.4	3.7	0.0	0.0	2.6	0.0	0.0	8.5
323	618770.54	4778199.81	192.85	1	DEN	A	77.7	6.9	0.0	0.0	0.0	68.7	1.5	3.6	0.0	0.0	19.5	0.0	96.3	-105.1
327	618779.01	4778197.19	192.81	0	DEN	A	77.7	11.1	0.0	0.0	0.0	68.2	1.4	3.8	0.0	0.0	0.8	0.0	0.0	14.7
334	618779.01	4778197.19	192.81	1	DEN	A	77.7	11.1	0.0	0.0	0.0	68.7	1.5	3.7	0.0	0.0	9.9	0.0	97.6	-92.5
1337	618821.57	4778192.70	192.85	0	DEN	A	77.7	2.9	0.0	0.0	0.0	67.7	1.3	3.9	0.0	0.0	11.0	0.0	0.0	-3.2
1341	618821.57	4778192.70	192.85	1	DEN	A	77.7	2.9	0.0	0.0	0.0	68.2	1.4	3.7	0.0	0.0	4.6	0.0	96.5	-93.8
1345	618821.57	4778192.70	192.85	1	DEN	A	77.7	2.9	0.0	0.0	0.0	68.1	1.4	3.8	0.0	0.0	6.0	0.0	98.0	-96.6
1350	618821.57	4778192.70	192.85	1	DEN	A	77.7	2.9	0.0	0.0	0.0	67.9	1.3	3.8	0.0	0.0	15.5	0.0	97.1	-105.0
1354	618821.57	4778192.70	192.85	1	DEN	A	77.7	2.9	0.0	0.0	0.0	68.4	1.4	3.7	0.0	0.0	6.5	0.0	15.9	-15.3
1359	618821.57	4778192.70	192.85	1	DEN	A	77.7	2.9	0.0	0.0	0.0	67.9	1.3	3.8	0.0	0.0	14.7	0.0	04.7	-111.8
1364	618824.99	4778191.72	192.85	0	DEN	A	77.7	7.1	0.0	0.0	0.0	67.6	1.3	3.9	0.0	0.0	11.7	0.0	0.0	0.4
1368	618824.99	4778191.72	192.85	1	DEN	A	77.7	7.1	0.0	0.0	0.0	68.2	1.4	3.7	0.0	0.0	4.8	0.0	96.3	-89.6
1372	618824.99	4778191.72	192.85	1	DEN	A	77.7	7.1	0.0	0.0	0.0	68.1	1.4	3.8	0.0	0.0	17.3	0.0	97.0	-102.7
1374	618824.99	4778191.72	192.85	1	DEN	A	77.7	7.1	0.0	0.0	0.0	67.9	1.3	3.8	0.0	0.0	16.6	0.0	96.6	-101.4
1380	618824.99	4778191.72	192.85	1	DEN	A	77.7	7.1	0.0	0.0	0.0	68.4	1.4	3.7	0.0	0.0	6.5	0.0	15.8	-11.0
1383	618824.99	4778191.72	192.85	1	DEN	A	77.7	7.1	0.0	0.0	0.0	67.9	1.3	3.8	0.0	0.0	16.7	0.0	03.0	-107.9
1390	618833.55	4778189.26	192.86	0	DEN	A	77.7	11.0	0.0	0.0	0.0	67.5	1.3	3.9	0.0	0.0	0.7	0.0	0.0	15.4
1395	618833.55	4778189.26	192.86	1	DEN	A	77.7	11.0	0.0	0.0	0.0	68.2	1.4	3.7	0.0	0.0	20.0	0.0	16.2	-20.8
1442	618833.55	4778189.26	192.86	1	DEN	A	77.7	11.0	0.0	0.0	0.0	68.0	1.4	3.8	0.0	0.0	20.2	0.0	94.3	-98.9
1444	618833.55	4778189.26	192.86	1	DEN	A	77.7	11.0	0.0	0.0	0.0	67.8	1.3	3.8	0.0	0.0	19.9	0.0	93.9	-98.0
1450	618833.55	4778189.26	192.86	1	DEN	A	77.7	11.0	0.0	0.0	0.0	67.5	1.3	3.9	0.0	0.0	0.9	0.0	76.0	-160.8
1454	618833.55	4778189.26	192.86	1	DEN	A	77.7	11.0	0.0	0.0	0.0	68.4	1.4	3.7	0.0	0.0	19.7	0.0	15.5	-20.1
1459	618833.55	4778189.26	192.86	1	DEN	A	77.7	11.0	0.0	0.0	0.0	67.8	1.3	3.8	0.0	0.0	19.9	0.0	94.9	-99.0
1463	618838.84	4778187.74	192.86	1	DEN	A	77.7	2.1	0.0	0.0	0.0	67.5	1.3	3.9	0.0	0.0	0.9	0.0	1.0	5.3
1469	618822.64	4778192.39	192.85	1	DEN	A	77.7	6.2	0.0	0.0	0.0	68.8	1.5	3.7	0.0	0.0	1.4	0.0	77.7	-69.0
1471	618832.13	4778189.67	192.86	1	DEN	A	77.7	11.9	0.0	0.0	0.0	68.9	1.5	3.6	0.0	0.0	1.3	0.0	77.6	-63.3
1479	618833.69	4778189.22	192.86	2	DEN	A	77.7	0.7	0.0	0.0	0.0	68.9	1.5	3.6	0.0	0.0	2.7	0.0	85.8	-84.1
1484	618836.28	4778188.48	192.86	2	DEN	A	77.7	6.2	0.0	0.0	0.0	68.9	1.5	3.6	0.0	0.0	1.3	0.0	83.4	-74.9
1490	618838.38	4778187.88	192.86	2	DEN	A	77.7	-7.8	0.0	0.0	0.0	68.9	1.5	3.6	0.0	0.0	1.3	0.0	83.4	-88.8
1498	618809.95	4778195.36	192.84	0	DEN	A	77.7	12.6	0.0	0.0	0.0	67.8	1.3	3.8	0.0	0.0	8.6	0.0	0.0	8.7
1503	618809.95	4778195.36	192.84	1	DEN	A	77.7	12.6	0.0	0.0	0.0	68.3	1.4	3.7	0.0	0.0	11.8	0.0	97.2	-92.1
1507	618809.95	4778195.36	192.84	1	DEN	A	77.7	12.6	0.0	0.0	0.0	68.2	1.4	3.7	0.0	0.0	2.1	0.0	01.0	-86.2
1512	618809.95	4778195.36	192.84	1	DEN	A	77.7	12.6	0.0	0.0	0.0	68.5	1.4	3.7	0.0	0.0	12.6	0.0	16.3	-12.2
1515	618809.95	4778195.36	192.84	1	DEN	A	77.7	12.6	0.0	0.0	0.0	68.0	1.4	3.8	0.0	0.0	1.0	0.0	99.7	-83.5
1520	618819.85	4778193.16	192.85	0	DEN	A	77.7	3.6	0.0	0.0	0.0	67.7	1.3	3.9	0.0	0.0	10.7	0.0	0.0	-2.2
1524	618819.85	4778193.16	192.85	1	DEN	A	77.7	3.6	0.0	0.0	0.0	68.3	1.4	3.7	0.0	0.0	4.5	0.0	96.5	-93.1
1528	618819.85	4778193.16	192.85	1	DEN	A	77.7	3.6	0.0	0.0	0.0	68.1	1.4	3.8	0.0	0.0	5.6	0.0	98.1	-95.7
1533	618819.85	4778193.16	192.85	1	DEN	A	77.7	3.6	0.0	0.0	0.0	68.4	1.4	3.7	0.0	0.0	6.4	0.0	16.0	-14.6
1537	618819.85	4778193.16	192.85	1	DEN	A	77.7	3.6	0.0	0.0	0.0	67.9	1.4	3.8	0.0	0.0	1.0	0.0	99.0	-91.7
1542	618805.43	4778196.36	192.83	1	DEN	A	77.7	9.4	0.0	0.0	0.0	68.6	1.5	3.7	0.0	0.0	2.0	0.0	78.4	-67.0
1548	618814.27	4778194.40	192.84	1	DEN	A	77.7	9.7	0.0	0.0	0.0	68.7	1.5	3.7	0.0	0.0	2.0	0.0	78.4	-66.7
1554	618819.90	4778193.15	192.85	1	DEN	A	77.7	3.4	0.0	0.0	0.0	68.7	1.5	3.7	0.0	0.0	1.4	0.0	77.7	-71.8
1839	618788.77	4778195.75	192.80	0	DEN	A	77.7	8.6	0.0	0.0	0.0	68.1	1.4	3.8	0.0	0.0	0.8	0.0	0.0	12.4
1846	618788.77	4778195.75	192.80	1	DEN	A	77.7	8.6	0.0	0.0	0.0	68.5	1.4	3.7	0.0	0.0	9.6	0.0	04.6	-101.5
1852	618788.77	4778195.75	192.80	1	DEN	A	77.7	8.6	0.0	0.0	0.0	68.6	1.5	3.7	0.0	0.0	10.6	0.0	97.2	-95.2
1859	618788.77	4778195.75	192.80	1	DEN	A	77.7	8.6	0.0	0.0	0.0	68.2	1.4	3.7	0.0	0.0	1.0	0.0	18.0	-106.1

Line Source, ISO 9613, Name: "Fork Lift Route", ID: "!03!FR1"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1865	618793.68	4778196.37	192.81	0	DEN	A	77.7	4.2	0.0	0.0	0.0	68.0	1.4	3.8	0.0	0.0	5.3	0.0	0.0	3.5
1871	618793.68	4778196.37	192.81	1	DEN	A	77.7	4.2	0.0	0.0	0.0	68.5	1.4	3.7	0.0	0.0	10.3	0.0	97.9	-99.8
1878	618793.68	4778196.37	192.81	1	DEN	A	77.7	4.2	0.0	0.0	0.0	68.6	1.5	3.7	0.0	0.0	11.2	0.0	97.0	-99.9
1888	618793.68	4778196.37	192.81	1	DEN	A	77.7	4.2	0.0	0.0	0.0	68.2	1.4	3.7	0.0	0.0	1.0	0.0	17.7	-110.1
1895	618798.07	4778196.92	192.82	0	DEN	A	77.7	7.9	0.0	0.0	0.0	68.0	1.4	3.8	0.0	0.0	6.2	0.0	0.0	6.4
1901	618798.07	4778196.92	192.82	1	DEN	A	77.7	7.9	0.0	0.0	0.0	68.4	1.4	3.7	0.0	0.0	10.9	0.0	97.7	-96.5
1923	618798.07	4778196.92	192.82	1	DEN	A	77.7	7.9	0.0	0.0	0.0	68.5	1.5	3.7	0.0	0.0	11.8	0.0	96.8	-96.6
1929	618798.07	4778196.92	192.82	1	DEN	A	77.7	7.9	0.0	0.0	0.0	68.1	1.4	3.8	0.0	0.0	1.0	0.0	17.4	-106.0
1936	618793.56	4778196.35	192.81	1	DEN	A	77.7	11.8	0.0	0.0	0.0	68.4	1.4	3.7	0.0	0.0	2.5	0.0	1.0	12.5
2252	618839.87	4778188.33	192.87	0	DEN	A	77.7	2.3	0.0	0.0	0.0	67.4	1.3	3.9	0.0	0.0	0.7	0.0	0.0	6.7
2258	618839.87	4778188.33	192.87	1	DEN	A	77.7	2.3	0.0	0.0	0.0	68.2	1.4	3.7	0.0	0.0	5.6	0.0	16.0	-14.9
2264	618839.87	4778188.33	192.87	1	DEN	A	77.7	2.3	0.0	0.0	0.0	68.0	1.4	3.8	0.0	0.0	8.7	0.0	96.8	-98.6
2271	618839.87	4778188.33	192.87	1	DEN	A	77.7	2.3	0.0	0.0	0.0	67.7	1.3	3.8	0.0	0.0	8.6	0.0	95.8	-97.2
2277	618839.87	4778188.33	192.87	1	DEN	A	77.7	2.3	0.0	0.0	0.0	67.4	1.3	3.9	0.0	0.0	0.9	0.0	16.3	-109.8
2284	618839.87	4778188.33	192.87	1	DEN	A	77.7	2.3	0.0	0.0	0.0	68.4	1.4	3.7	0.0	0.0	20.4	0.0	15.4	-29.3
2289	618839.87	4778188.33	192.87	1	DEN	A	77.7	2.3	0.0	0.0	0.0	67.7	1.3	3.8	0.0	0.0	1.0	0.0	93.2	-87.1
2294	618840.28	4778189.69	192.87	0	DEN	A	77.7	0.6	0.0	0.0	0.0	67.4	1.3	3.9	0.0	0.0	0.7	0.0	0.0	5.1
2301	618840.28	4778189.69	192.87	1	DEN	A	77.7	0.6	0.0	0.0	0.0	68.2	1.4	3.8	0.0	0.0	20.4	0.0	15.9	-31.2
2306	618840.28	4778189.69	192.87	1	DEN	A	77.7	0.6	0.0	0.0	0.0	68.0	1.4	3.8	0.0	0.0	8.8	0.0	96.8	-100.3
2312	618840.28	4778189.69	192.87	1	DEN	A	77.7	0.6	0.0	0.0	0.0	67.7	1.3	3.8	0.0	0.0	8.6	0.0	95.8	-98.9
2318	618840.28	4778189.69	192.87	1	DEN	A	77.7	0.6	0.0	0.0	0.0	67.4	1.3	3.9	0.0	0.0	0.9	0.0	75.2	-170.3
2323	618840.28	4778189.69	192.87	1	DEN	A	77.7	0.6	0.0	0.0	0.0	68.4	1.4	3.7	0.0	0.0	21.3	0.0	15.3	-31.7
2329	618840.28	4778189.69	192.87	1	DEN	A	77.7	0.6	0.0	0.0	0.0	67.7	1.3	3.8	0.0	0.0	1.0	0.0	93.2	-88.7
2336	618840.03	4778188.88	192.87	1	DEN	A	77.7	4.5	0.0	0.0	0.0	67.4	1.3	3.9	0.0	0.0	0.9	0.0	1.0	7.8
2341	618839.79	4778188.09	192.87	1	DEN	A	77.7	0.7	0.0	0.0	0.0	69.0	1.5	3.6	0.0	0.0	1.3	0.0	82.4	-79.3
2541	618840.28	4778190.58	192.88	0	DEN	A	77.7	-1.2	0.0	0.0	0.0	67.4	1.3	3.9	0.0	0.0	0.8	0.0	0.0	3.2
2548	618840.28	4778190.58	192.88	1	DEN	A	77.7	-1.2	0.0	0.0	0.0	68.1	1.4	3.8	0.0	0.0	21.2	0.0	15.9	-33.9
2554	618840.28	4778190.58	192.88	1	DEN	A	77.7	-1.2	0.0	0.0	0.0	68.0	1.4	3.8	0.0	0.0	8.9	0.0	96.8	-102.3
2560	618840.28	4778190.58	192.88	1	DEN	A	77.7	-1.2	0.0	0.0	0.0	67.7	1.3	3.8	0.0	0.0	8.5	0.0	95.8	-100.7
2565	618840.28	4778190.58	192.88	1	DEN	A	77.7	-1.2	0.0	0.0	0.0	67.4	1.3	3.9	0.0	0.0	0.9	0.0	75.6	-172.6
2571	618840.28	4778190.58	192.88	1	DEN	A	77.7	-1.2	0.0	0.0	0.0	68.4	1.4	3.7	0.0	0.0	21.3	0.0	15.3	-33.6
2577	618840.28	4778190.58	192.88	1	DEN	A	77.7	-1.2	0.0	0.0	0.0	67.7	1.3	3.8	0.0	0.0	1.0	0.0	93.2	-90.5
2584	618840.28	4778190.58	192.88	1	DEN	A	77.7	-1.2	0.0	0.0	0.0	67.4	1.3	3.9	0.0	0.0	0.9	0.0	1.0	2.0
2592	618820.80	4778192.94	192.85	0	DEN	A	77.7	-4.8	0.0	0.0	0.0	67.7	1.3	3.9	0.0	0.0	10.9	0.0	0.0	-10.8
2598	618820.80	4778192.94	192.85	1	DEN	A	77.7	-4.8	0.0	0.0	0.0	68.3	1.4	3.7	0.0	0.0	4.5	0.0	96.5	-101.5
2603	618820.80	4778192.94	192.85	1	DEN	A	77.7	-4.8	0.0	0.0	0.0	68.1	1.4	3.8	0.0	0.0	5.8	0.0	98.0	-104.2
2608	618820.80	4778192.94	192.85	1	DEN	A	77.7	-4.8	0.0	0.0	0.0	68.4	1.4	3.7	0.0	0.0	6.4	0.0	15.9	-23.0
2647	618820.80	4778192.94	192.85	1	DEN	A	77.7	-4.8	0.0	0.0	0.0	67.9	1.3	3.8	0.0	0.0	13.5	0.0	04.7	-118.3
2653	618820.80	4778192.94	192.85	1	DEN	A	77.7	-4.8	0.0	0.0	0.0	68.7	1.5	3.7	0.0	0.0	1.4	0.0	77.7	-80.0

Line Source, ISO 9613, Name: "Truck Route", ID: "!03!TR1"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
416	618813.56	4778183.31	192.80	0	D	A	78.2	18.7	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	2.8	0.0	0.0	22.4
416	618813.56	4778183.31	192.80	0	N	A	72.9	18.7	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	2.8	0.0	0.0	17.1
416	618813.56	4778183.31	192.80	0	E	A	72.9	18.7	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	2.8	0.0	0.0	17.1
428	618813.56	4778183.31	192.80	1	D	A	78.2	18.7	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	6.6	0.0	22.9	-5.1
428	618813.56	4778183.31	192.80	1	N	A	72.9	18.7	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	6.6	0.0	22.9	-10.3
428	618813.56	4778183.31	192.80	1	E	A	72.9	18.7	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	6.6	0.0	22.9	-10.3
432	618813.56	4778183.31	192.80	1	D	A	78.2	18.7	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	7.7	0.0	24.7	-7.8
432	618813.56	4778183.31	192.80	1	N	A	72.9	18.7	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	7.7	0.0	24.7	-13.0
432	618813.56	4778183.31	192.80	1	E	A	72.9	18.7	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	7.7	0.0	24.7	-13.0
436	618813.56	4778183.31	192.80	1	D	A	78.2	18.7	0.0	0.0	0.0	68.0	3.4	0.6	0.0	0.0	12.6	0.0	24.9	-12.6
436	618813.56	4778183.31	192.80	1	N	A	72.9	18.7	0.0	0.0	0.0	68.0	3.4	0.6	0.0	0.0	12.6	0.0	24.9	-17.8
436	618813.56	4778183.31	192.80	1	E	A	72.9	18.7	0.0	0.0	0.0	68.0	3.4	0.6	0.0	0.0	12.6	0.0	24.9	-17.8
447	618813.56	4778183.31	192.80	1	D	A	78.2	18.7	0.0	0.0	0.0	67.8	3.3	0.6	0.0	0.0	3.5	0.0	47.8	-26.1
447	618813.56	4778183.31	192.80	1	N	A	72.9	18.7	0.0	0.0	0.0	67.8	3.3	0.6	0.0	0.0	3.5	0.0	47.8	-31.4
447	618813.56	4778183.31	192.80	1	E	A	72.9	18.7	0.0	0.0	0.0	67.8	3.3	0.6	0.0	0.0	3.5	0.0	47.8	-31.4
453	618813.56	4778183.31	192.80	1	D	A	78.2	18.7	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	7.7	0.0	18.9	-2.3
453	618813.56	4778183.31	192.80	1	N	A	72.9	18.7	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	7.7	0.0	18.9	-7.5
453	618813.56	4778183.31	192.80	1	E	A	72.9	18.7	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	7.7	0.0	18.9	-7.5
460	618813.56	4778183.31	192.80	1	D	A	78.2	18.7	0.0	0.0	0.0	68.0	3.4	0.6	0.0	0.0	12.5	0.0	33.4	-21.0
460	618813.56	4778183.31	192.80	1	N	A	72.9	18.7	0.0	0.0	0.0	68.0	3.4	0.6	0.0	0.0	12.5	0.0	33.4	-26.2

Line Source, ISO 9613, Name: "Truck Route", ID: "!03!TR1"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
460	618813.56	4778183.31	192.80	1	E	A	72.9	18.7	0.0	0.0	0.0	68.0	3.4	0.6	0.0	0.0	12.5	0.0	33.4	-26.2
463	618831.14	4778178.08	192.81	1	D	A	78.2	15.7	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	3.8	0.0	4.5	12.5
463	618831.14	4778178.08	192.81	1	N	A	72.9	15.7	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	3.8	0.0	4.5	7.3
463	618831.14	4778178.08	192.81	1	E	A	72.9	15.7	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	3.8	0.0	4.5	7.3
471	618836.54	4778176.47	192.82	2	D	A	78.2	0.8	0.0	0.0	0.0	69.1	3.7	0.5	0.0	0.0	4.8	0.0	12.5	-11.5
471	618836.54	4778176.47	192.82	2	N	A	72.9	0.8	0.0	0.0	0.0	69.1	3.7	0.5	0.0	0.0	4.8	0.0	12.5	-16.7
471	618836.54	4778176.47	192.82	2	E	A	72.9	0.8	0.0	0.0	0.0	69.1	3.7	0.5	0.0	0.0	4.8	0.0	12.5	-16.7
475	618839.18	4778175.69	192.82	2	D	A	78.2	6.3	0.0	0.0	0.0	69.1	3.7	0.5	0.0	0.0	3.7	0.0	10.9	-3.3
475	618839.18	4778175.69	192.82	2	N	A	72.9	6.3	0.0	0.0	0.0	69.1	3.7	0.5	0.0	0.0	3.7	0.0	10.9	-8.6
475	618839.18	4778175.69	192.82	2	E	A	72.9	6.3	0.0	0.0	0.0	69.1	3.7	0.5	0.0	0.0	3.7	0.0	10.9	-8.6
483	618841.32	4778175.05	192.82	2	D	A	78.2	-7.7	0.0	0.0	0.0	69.1	3.7	0.5	0.0	0.0	3.6	0.0	10.9	-17.3
483	618841.32	4778175.05	192.82	2	N	A	72.9	-7.7	0.0	0.0	0.0	69.1	3.7	0.5	0.0	0.0	3.6	0.0	10.9	-22.5
483	618841.32	4778175.05	192.82	2	E	A	72.9	-7.7	0.0	0.0	0.0	69.1	3.7	0.5	0.0	0.0	3.6	0.0	10.9	-22.5
493	618839.85	4778175.49	192.82	1	D	A	78.2	6.3	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	4.2	5.3
493	618839.85	4778175.49	192.82	1	N	A	72.9	6.3	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	4.2	0.0
493	618839.85	4778175.49	192.82	1	E	A	72.9	6.3	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	4.2	0.0
498	618780.45	4778193.15	192.77	1	D	A	78.2	6.6	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	4.2	0.0	10.4	-2.5
498	618780.45	4778193.15	192.77	1	N	A	72.9	6.6	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	4.2	0.0	10.4	-7.8
498	618780.45	4778193.15	192.77	1	E	A	72.9	6.6	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	4.2	0.0	10.4	-7.8
502	618785.55	4778191.64	192.78	1	D	A	78.2	7.8	0.0	0.0	0.0	68.7	3.6	0.5	0.0	0.0	4.0	0.0	10.3	-1.2
502	618785.55	4778191.64	192.78	1	N	A	72.9	7.8	0.0	0.0	0.0	68.7	3.6	0.5	0.0	0.0	4.0	0.0	10.3	-6.4
502	618785.55	4778191.64	192.78	1	E	A	72.9	7.8	0.0	0.0	0.0	68.7	3.6	0.5	0.0	0.0	4.0	0.0	10.3	-6.4
508	618878.60	4778178.02	192.91	0	D	A	78.2	17.8	0.0	0.0	0.0	66.9	3.1	0.7	0.0	0.0	3.3	0.0	0.0	22.0
508	618878.60	4778178.02	192.91	0	N	A	72.9	17.8	0.0	0.0	0.0	66.9	3.1	0.7	0.0	0.0	3.3	0.0	0.0	16.8
508	618878.60	4778178.02	192.91	0	E	A	72.9	17.8	0.0	0.0	0.0	66.9	3.1	0.7	0.0	0.0	3.3	0.0	0.0	16.8
515	618878.60	4778178.02	192.91	1	D	A	78.2	17.8	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	8.2	0.0	17.9	-2.3
515	618878.60	4778178.02	192.91	1	N	A	72.9	17.8	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	8.2	0.0	17.9	-7.5
515	618878.60	4778178.02	192.91	1	E	A	72.9	17.8	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	8.2	0.0	17.9	-7.5
519	618878.60	4778178.02	192.91	1	D	A	78.2	17.8	0.0	0.0	0.0	67.9	3.3	0.6	0.0	0.0	16.4	0.0	20.0	-12.2
519	618878.60	4778178.02	192.91	1	N	A	72.9	17.8	0.0	0.0	0.0	67.9	3.3	0.6	0.0	0.0	16.4	0.0	20.0	-17.4
519	618878.60	4778178.02	192.91	1	E	A	72.9	17.8	0.0	0.0	0.0	67.9	3.3	0.6	0.0	0.0	16.4	0.0	20.0	-17.4
531	618878.60	4778178.02	192.91	1	D	A	78.2	17.8	0.0	0.0	0.0	67.4	3.2	0.6	0.0	0.0	16.9	0.0	18.2	-10.4
531	618878.60	4778178.02	192.91	1	N	A	72.9	17.8	0.0	0.0	0.0	67.4	3.2	0.6	0.0	0.0	16.9	0.0	18.2	-15.6
531	618878.60	4778178.02	192.91	1	E	A	72.9	17.8	0.0	0.0	0.0	67.4	3.2	0.6	0.0	0.0	16.9	0.0	18.2	-15.6
535	618878.60	4778178.02	192.91	1	D	A	78.2	17.8	0.0	0.0	0.0	66.9	3.1	0.7	0.0	0.0	3.7	0.0	12.3	9.3
535	618878.60	4778178.02	192.91	1	N	A	72.9	17.8	0.0	0.0	0.0	66.9	3.1	0.7	0.0	0.0	3.7	0.0	12.3	4.0
535	618878.60	4778178.02	192.91	1	E	A	72.9	17.8	0.0	0.0	0.0	66.9	3.1	0.7	0.0	0.0	3.7	0.0	12.3	4.0
539	618878.60	4778178.02	192.91	1	D	A	78.2	17.8	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	8.1	0.0	17.7	-2.3
539	618878.60	4778178.02	192.91	1	N	A	72.9	17.8	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	8.1	0.0	17.7	-7.6
539	618878.60	4778178.02	192.91	1	E	A	72.9	17.8	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	8.1	0.0	17.7	-7.6
547	618878.60	4778178.02	192.91	1	D	A	78.2	17.8	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	16.8	0.0	18.9	-11.1
547	618878.60	4778178.02	192.91	1	N	A	72.9	17.8	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	16.8	0.0	18.9	-16.3
547	618878.60	4778178.02	192.91	1	E	A	72.9	17.8	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	16.8	0.0	18.9	-16.3
551	618853.88	4778173.68	192.84	1	D	A	78.2	10.1	0.0	0.0	0.0	69.2	3.7	0.5	0.0	0.0	3.6	0.0	9.9	1.3
551	618853.88	4778173.68	192.84	1	N	A	72.9	10.1	0.0	0.0	0.0	69.2	3.7	0.5	0.0	0.0	3.6	0.0	9.9	-3.9
551	618853.88	4778173.68	192.84	1	E	A	72.9	10.1	0.0	0.0	0.0	69.2	3.7	0.5	0.0	0.0	3.6	0.0	9.9	-3.9
559	618860.51	4778174.85	192.86	1	D	A	78.2	5.2	0.0	0.0	0.0	69.2	3.7	0.5	0.0	0.0	3.7	0.0	10.1	-3.8
559	618860.51	4778174.85	192.86	1	N	A	72.9	5.2	0.0	0.0	0.0	69.2	3.7	0.5	0.0	0.0	3.7	0.0	10.1	-9.0
559	618860.51	4778174.85	192.86	1	E	A	72.9	5.2	0.0	0.0	0.0	69.2	3.7	0.5	0.0	0.0	3.7	0.0	10.1	-9.0
563	618862.92	4778175.27	192.87	1	D	A	78.2	2.0	0.0	0.0	0.0	69.2	3.7	0.5	0.0	0.0	3.6	0.0	9.9	-6.7
563	618862.92	4778175.27	192.87	1	N	A	72.9	2.0	0.0	0.0	0.0	69.2	3.7	0.5	0.0	0.0	3.6	0.0	9.9	-12.0
563	618862.92	4778175.27	192.87	1	E	A	72.9	2.0	0.0	0.0	0.0	69.2	3.7	0.5	0.0	0.0	3.6	0.0	9.9	-12.0
567	618866.55	4778175.91	192.88	1	D	A	78.2	7.6	0.0	0.0	0.0	69.3	3.7	0.5	0.0	0.0	3.6	0.0	9.9	-1.1
567	618866.55	4778175.91	192.88	1	N	A	72.9	7.6	0.0	0.0	0.0	69.3	3.7	0.5	0.0	0.0	3.6	0.0	9.9	-6.3
567	618866.55	4778175.91	192.88	1	E	A	72.9	7.6	0.0	0.0	0.0	69.3	3.7	0.5	0.0	0.0	3.6	0.0	9.9	-6.3
584	618900.46	4778181.85	192.98	1	D	A	78.2	9.2	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	4.1	0.0	4.7	5.9
584	618900.46	4778181.85	192.98	1	N	A	72.9	9.2	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	4.1	0.0	4.7	0.7
584	618900.46	4778181.85	192.98	1	E	A	72.9	9.2	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	4.1	0.0	4.7	0.7
590	618906.45	4778182.91	192.99	1	D	A	78.2	5.8	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	4.1	0.0	10.3	-3.1
590	618906.45	4778182.91	192.99	1	N	A	72.9	5.8	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	4.1	0.0	10.3	-8.3
590	618906.45	4778182.91	192.99	1	E	A	72.9	5.8	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	4.1	0.0	10.3	-8.3
672	618959.74	4778205.62	193.00	0	D	A	78.2	15.8	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	6.0	0.0	0.0	18.6
672	618959.74	4778205.62	193.00	0	N	A	72.9	15.8	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	6.0	0.0	0.0	13.3

Line Source, ISO 9613, Name: "Truck Route", ID: "!03!TR1"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
672	618959.74	4778205.62	193.00	0	E	A	72.9	15.8	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	6.0	0.0	0.0	13.3
676	618959.74	4778205.62	193.00	1	D	A	78.2	15.8	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	11.0	0.0	18.1	-7.5
676	618959.74	4778205.62	193.00	1	N	A	72.9	15.8	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	11.0	0.0	18.1	-12.7
676	618959.74	4778205.62	193.00	1	E	A	72.9	15.8	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	11.0	0.0	18.1	-12.7
679	618959.74	4778205.62	193.00	1	D	A	78.2	15.8	0.0	0.0	0.0	67.8	3.3	0.6	0.0	0.0	10.8	0.0	16.1	-4.6
679	618959.74	4778205.62	193.00	1	N	A	72.9	15.8	0.0	0.0	0.0	67.8	3.3	0.6	0.0	0.0	10.8	0.0	16.1	-9.8
679	618959.74	4778205.62	193.00	1	E	A	72.9	15.8	0.0	0.0	0.0	67.8	3.3	0.6	0.0	0.0	10.8	0.0	16.1	-9.8
682	618959.74	4778205.62	193.00	1	D	A	78.2	15.8	0.0	0.0	0.0	66.9	3.1	0.7	0.0	0.0	3.8	0.0	10.9	8.6
682	618959.74	4778205.62	193.00	1	N	A	72.9	15.8	0.0	0.0	0.0	66.9	3.1	0.7	0.0	0.0	3.8	0.0	10.9	3.4
682	618959.74	4778205.62	193.00	1	E	A	72.9	15.8	0.0	0.0	0.0	66.9	3.1	0.7	0.0	0.0	3.8	0.0	10.9	3.4
688	618959.74	4778205.62	193.00	1	D	A	78.2	15.8	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	10.9	8.4
688	618959.74	4778205.62	193.00	1	N	A	72.9	15.8	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	10.9	3.2
688	618959.74	4778205.62	193.00	1	E	A	72.9	15.8	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	10.9	3.2
693	618959.74	4778205.62	193.00	1	D	A	78.2	15.8	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	3.5	0.0	13.9	5.1
693	618959.74	4778205.62	193.00	1	N	A	72.9	15.8	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	3.5	0.0	13.9	-0.1
693	618959.74	4778205.62	193.00	1	E	A	72.9	15.8	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	3.5	0.0	13.9	-0.1
698	618968.01	4778240.91	193.00	0	D	A	78.2	15.4	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	6.0	0.0	0.0	18.2
698	618968.01	4778240.91	193.00	0	N	A	72.9	15.4	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	6.0	0.0	0.0	13.0
698	618968.01	4778240.91	193.00	0	E	A	72.9	15.4	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	6.0	0.0	0.0	13.0
703	618968.01	4778240.91	193.00	1	D	A	78.2	15.4	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	13.8	0.0	18.4	-10.7
703	618968.01	4778240.91	193.00	1	N	A	72.9	15.4	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	13.8	0.0	18.4	-15.9
703	618968.01	4778240.91	193.00	1	E	A	72.9	15.4	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	13.8	0.0	18.4	-15.9
708	618968.01	4778240.91	193.00	1	D	A	78.2	15.4	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	13.3	0.0	15.9	-7.1
708	618968.01	4778240.91	193.00	1	N	A	72.9	15.4	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	13.3	0.0	15.9	-12.3
708	618968.01	4778240.91	193.00	1	E	A	72.9	15.4	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	13.3	0.0	15.9	-12.3
712	618968.01	4778240.91	193.00	1	D	A	78.2	15.4	0.0	0.0	0.0	66.7	3.0	0.7	0.0	0.0	3.9	0.0	9.2	10.1
712	618968.01	4778240.91	193.00	1	N	A	72.9	15.4	0.0	0.0	0.0	66.7	3.0	0.7	0.0	0.0	3.9	0.0	9.2	4.8
712	618968.01	4778240.91	193.00	1	E	A	72.9	15.4	0.0	0.0	0.0	66.7	3.0	0.7	0.0	0.0	3.9	0.0	9.2	4.8
715	618968.01	4778240.91	193.00	1	D	A	78.2	15.4	0.0	0.0	0.0	67.4	3.2	0.6	0.0	0.0	3.6	0.0	12.2	6.7
715	618968.01	4778240.91	193.00	1	N	A	72.9	15.4	0.0	0.0	0.0	67.4	3.2	0.6	0.0	0.0	3.6	0.0	12.2	1.4
715	618968.01	4778240.91	193.00	1	E	A	72.9	15.4	0.0	0.0	0.0	67.4	3.2	0.6	0.0	0.0	3.6	0.0	12.2	1.4
719	618968.01	4778240.91	193.00	1	D	A	78.2	15.4	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	12.7	0.0	15.9	-6.3
719	618968.01	4778240.91	193.00	1	N	A	72.9	15.4	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	12.7	0.0	15.9	-11.6
719	618968.01	4778240.91	193.00	1	E	A	72.9	15.4	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	12.7	0.0	15.9	-11.6
730	618742.88	4778277.75	193.00	0	D	A	78.2	8.9	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	5.3	0.0	0.0	8.9
730	618742.88	4778277.75	193.00	0	N	A	72.9	8.9	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	5.3	0.0	0.0	3.6
730	618742.88	4778277.75	193.00	0	E	A	72.9	8.9	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	5.3	0.0	0.0	3.6
737	618741.10	4778271.88	193.00	0	D	A	78.2	6.6	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	5.1	0.0	0.0	6.8
737	618741.10	4778271.88	193.00	0	N	A	72.9	6.6	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	5.1	0.0	0.0	1.5
737	618741.10	4778271.88	193.00	0	E	A	72.9	6.6	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	5.1	0.0	0.0	1.5
744	618739.60	4778266.97	193.00	0	D	A	78.2	7.6	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	3.5	0.0	0.0	9.4
744	618739.60	4778266.97	193.00	0	N	A	72.9	7.6	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	3.5	0.0	0.0	4.2
744	618739.60	4778266.97	193.00	0	E	A	72.9	7.6	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	3.5	0.0	0.0	4.2
747	618737.57	4778260.31	193.00	0	D	A	78.2	9.1	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.1	0.0	0.0	0.4
747	618737.57	4778260.31	193.00	0	N	A	72.9	9.1	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.1	0.0	0.0	-4.9
747	618737.57	4778260.31	193.00	0	E	A	72.9	9.1	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.1	0.0	0.0	-4.9
754	618735.28	4778252.78	193.00	0	D	A	78.2	8.8	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.2	0.0	0.0	-0.1
754	618735.28	4778252.78	193.00	0	N	A	72.9	8.8	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.2	0.0	0.0	-5.4
754	618735.28	4778252.78	193.00	0	E	A	72.9	8.8	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.2	0.0	0.0	-5.4
758	618733.81	4778247.94	193.00	0	D	A	78.2	4.1	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.2	0.0	0.0	-4.8
758	618733.81	4778247.94	193.00	0	N	A	72.9	4.1	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.2	0.0	0.0	-10.0
758	618733.81	4778247.94	193.00	0	E	A	72.9	4.1	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.2	0.0	0.0	-10.0
761	618732.94	4778245.08	193.00	0	D	A	78.2	5.3	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.1	0.0	0.0	-3.5
761	618732.94	4778245.08	193.00	0	N	A	72.9	5.3	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.1	0.0	0.0	-8.8
761	618732.94	4778245.08	193.00	0	E	A	72.9	5.3	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.1	0.0	0.0	-8.8
764	618730.50	4778237.07	193.00	0	D	A	78.2	11.2	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.1	0.0	0.0	2.4
764	618730.50	4778237.07	193.00	0	N	A	72.9	11.2	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.1	0.0	0.0	-2.8
764	618730.50	4778237.07	193.00	0	E	A	72.9	11.2	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	14.1	0.0	0.0	-2.8
770	618727.91	4778228.56	193.00	0	D	A	78.2	6.5	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	13.8	0.0	0.0	-2.1
770	618727.91	4778228.56	193.00	0	N	A	72.9	6.5	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	13.8	0.0	0.0	-7.3
770	618727.91	4778228.56	193.00	0	E	A	72.9	6.5	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	13.8	0.0	0.0	-7.3
776	618726.88	4778225.18	193.00	0	D	A	78.2	4.1	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	13.7	0.0	0.0	-4.3
776	618726.88	4778225.18	193.00	0	N	A	72.9	4.1	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	13.7	0.0	0.0	-9.6

Line Source, ISO 9613, Name: "Truck Route", ID: "!03!TR1"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
776	618726.88	4778225.18	193.00	0	E	A	72.9	4.1	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	13.7	0.0	0.0	-9.6
780	618739.46	4778266.50	193.00	1	D	A	78.2	4.4	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	3.5	0.0	30.7	-24.4
780	618739.46	4778266.50	193.00	1	N	A	72.9	4.4	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	3.5	0.0	30.7	-29.7
780	618739.46	4778266.50	193.00	1	E	A	72.9	4.4	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	3.5	0.0	30.7	-29.7
796	618922.33	4778179.36	193.00	0	D	A	78.2	14.6	0.0	0.0	0.0	66.2	2.9	0.8	0.0	0.0	4.4	0.0	0.0	18.5
796	618922.33	4778179.36	193.00	0	N	A	72.9	14.6	0.0	0.0	0.0	66.2	2.9	0.8	0.0	0.0	4.4	0.0	0.0	13.2
796	618922.33	4778179.36	193.00	0	E	A	72.9	14.6	0.0	0.0	0.0	66.2	2.9	0.8	0.0	0.0	4.4	0.0	0.0	13.2
800	618922.33	4778179.36	193.00	1	D	A	78.2	14.6	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	14.6	0.0	19.1	-13.2
800	618922.33	4778179.36	193.00	1	N	A	72.9	14.6	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	14.6	0.0	19.1	-18.4
800	618922.33	4778179.36	193.00	1	E	A	72.9	14.6	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	14.6	0.0	19.1	-18.4
803	618922.33	4778179.36	193.00	1	D	A	78.2	14.6	0.0	0.0	0.0	67.8	3.3	0.6	0.0	0.0	6.5	0.0	15.7	-1.1
803	618922.33	4778179.36	193.00	1	N	A	72.9	14.6	0.0	0.0	0.0	67.8	3.3	0.6	0.0	0.0	6.5	0.0	15.7	-6.4
803	618922.33	4778179.36	193.00	1	E	A	72.9	14.6	0.0	0.0	0.0	67.8	3.3	0.6	0.0	0.0	6.5	0.0	15.7	-6.4
818	618922.33	4778179.36	193.00	1	D	A	78.2	14.6	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	12.8	5.5
818	618922.33	4778179.36	193.00	1	N	A	72.9	14.6	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	12.8	0.2
818	618922.33	4778179.36	193.00	1	E	A	72.9	14.6	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	12.8	0.2
824	618922.33	4778179.36	193.00	1	D	A	78.2	14.6	0.0	0.0	0.0	66.8	3.1	0.7	0.0	0.0	3.8	0.0	8.5	9.9
824	618922.33	4778179.36	193.00	1	N	A	72.9	14.6	0.0	0.0	0.0	66.8	3.1	0.7	0.0	0.0	3.8	0.0	8.5	4.7
824	618922.33	4778179.36	193.00	1	E	A	72.9	14.6	0.0	0.0	0.0	66.8	3.1	0.7	0.0	0.0	3.8	0.0	8.5	4.7
835	618922.33	4778179.36	193.00	1	D	A	78.2	14.6	0.0	0.0	0.0	68.7	3.6	0.5	0.0	0.0	14.9	0.0	19.5	-14.3
835	618922.33	4778179.36	193.00	1	N	A	72.9	14.6	0.0	0.0	0.0	68.7	3.6	0.5	0.0	0.0	14.9	0.0	19.5	-19.5
835	618922.33	4778179.36	193.00	1	E	A	72.9	14.6	0.0	0.0	0.0	68.7	3.6	0.5	0.0	0.0	14.9	0.0	19.5	-19.5
838	618922.33	4778179.36	193.00	1	D	A	78.2	14.6	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	3.5	0.0	14.1	3.8
838	618922.33	4778179.36	193.00	1	N	A	72.9	14.6	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	3.5	0.0	14.1	-1.5
838	618922.33	4778179.36	193.00	1	E	A	72.9	14.6	0.0	0.0	0.0	67.5	3.2	0.6	0.0	0.0	3.5	0.0	14.1	-1.5
844	618711.41	4778190.08	192.95	0	D	A	78.2	11.2	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	3.5	0.0	0.0	12.9
844	618711.41	4778190.08	192.95	0	N	A	72.9	11.2	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	3.5	0.0	0.0	7.6
844	618711.41	4778190.08	192.95	0	E	A	72.9	11.2	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	3.5	0.0	0.0	7.6
884	618735.24	4778183.12	192.82	0	D	A	78.2	15.6	0.0	0.0	0.0	68.7	3.5	0.4	0.0	0.0	1.7	0.0	0.0	19.5
884	618735.24	4778183.12	192.82	0	N	A	72.9	15.6	0.0	0.0	0.0	68.7	3.5	0.4	0.0	0.0	1.7	0.0	0.0	14.3
884	618735.24	4778183.12	192.82	0	E	A	72.9	15.6	0.0	0.0	0.0	68.7	3.5	0.4	0.0	0.0	1.7	0.0	0.0	14.3
890	618785.95	4778303.57	193.22	0	D	A	78.2	2.2	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	11.0	0.0	0.0	-3.0
890	618785.95	4778303.57	193.22	0	N	A	72.9	2.2	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	11.0	0.0	0.0	-8.2
890	618785.95	4778303.57	193.22	0	E	A	72.9	2.2	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	11.0	0.0	0.0	-8.2
897	618778.96	4778299.88	193.19	0	D	A	78.2	11.5	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	10.7	0.0	0.0	6.6
897	618778.96	4778299.88	193.19	0	N	A	72.9	11.5	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	10.7	0.0	0.0	1.3
897	618778.96	4778299.88	193.19	0	E	A	72.9	11.5	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	10.7	0.0	0.0	1.3
904	618771.97	4778296.20	193.15	0	D	A	78.2	2.1	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	14.6	0.0	0.0	-6.9
904	618771.97	4778296.20	193.15	0	N	A	72.9	2.1	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	14.6	0.0	0.0	-12.1
904	618771.97	4778296.20	193.15	0	E	A	72.9	2.1	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	14.6	0.0	0.0	-12.1
919	618770.33	4778295.33	193.14	0	D	A	78.2	3.2	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	14.5	0.0	0.0	-5.7
919	618770.33	4778295.33	193.14	0	N	A	72.9	3.2	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	14.5	0.0	0.0	-10.9
919	618770.33	4778295.33	193.14	0	E	A	72.9	3.2	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	14.5	0.0	0.0	-10.9
927	618767.51	4778293.85	193.12	0	D	A	78.2	6.3	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	14.3	0.0	0.0	-2.4
927	618767.51	4778293.85	193.12	0	N	A	72.9	6.3	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	14.3	0.0	0.0	-7.6
927	618767.51	4778293.85	193.12	0	E	A	72.9	6.3	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	14.3	0.0	0.0	-7.6
931	618765.05	4778292.55	193.11	0	D	A	78.2	1.1	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	14.0	0.0	0.0	-7.4
931	618765.05	4778292.55	193.11	0	N	A	72.9	1.1	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	14.0	0.0	0.0	-12.6
931	618765.05	4778292.55	193.11	0	E	A	72.9	1.1	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	14.0	0.0	0.0	-12.6
939	618763.97	4778291.97	193.11	0	D	A	78.2	0.7	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	13.8	0.0	0.0	-7.6
939	618763.97	4778291.97	193.11	0	N	A	72.9	0.7	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	13.8	0.0	0.0	-12.8
939	618763.97	4778291.97	193.11	0	E	A	72.9	0.7	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	13.8	0.0	0.0	-12.8
945	618762.57	4778291.24	193.10	0	D	A	78.2	3.0	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	10.8	0.0	0.0	-2.3
945	618762.57	4778291.24	193.10	0	N	A	72.9	3.0	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	10.8	0.0	0.0	-7.5
945	618762.57	4778291.24	193.10	0	E	A	72.9	3.0	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	10.8	0.0	0.0	-7.5
952	618760.33	4778290.06	193.09	0	D	A	78.2	4.9	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	10.5	0.0	0.0	-0.1
952	618760.33	4778290.06	193.09	0	N	A	72.9	4.9	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	10.5	0.0	0.0	-5.3
952	618760.33	4778290.06	193.09	0	E	A	72.9	4.9	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	10.5	0.0	0.0	-5.3
956	618758.18	4778288.92	193.08	0	D	A	78.2	2.5	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	9.3	0.0	0.0	-1.3
956	618758.18	4778288.92	193.08	0	N	A	72.9	2.5	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	9.3	0.0	0.0	-6.6
956	618758.18	4778288.92	193.08	0	E	A	72.9	2.5	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	9.3	0.0	0.0	-6.6
960	618756.28	4778287.92	193.07	0	D	A	78.2	4.0	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	11.0	0.0	0.0	-1.5
960	618756.28	4778287.92	193.07	0	N	A	72.9	4.0	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	11.0	0.0	0.0	-6.8

Line Source, ISO 9613, Name: "Truck Route", ID: "!03!TR1"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
960	618756.28	4778287.92	193.07	0	E	A	72.9	4.0	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	11.0	0.0	0.0	-6.8
964	618749.92	4778284.57	193.03	0	D	A	78.2	10.8	0.0	0.0	0.0	68.7	3.6	0.5	0.0	0.0	5.5	0.0	0.0	10.7
964	618749.92	4778284.57	193.03	0	N	A	72.9	10.8	0.0	0.0	0.0	68.7	3.6	0.5	0.0	0.0	5.5	0.0	0.0	5.5
964	618749.92	4778284.57	193.03	0	E	A	72.9	10.8	0.0	0.0	0.0	68.7	3.6	0.5	0.0	0.0	5.5	0.0	0.0	5.5
974	618744.34	4778281.62	193.00	0	D	A	78.2	-1.3	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	5.3	0.0	0.0	-1.3
974	618744.34	4778281.62	193.00	0	N	A	72.9	-1.3	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	5.3	0.0	0.0	-6.5
974	618744.34	4778281.62	193.00	0	E	A	72.9	-1.3	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	5.3	0.0	0.0	-6.5
976	618785.46	4778303.31	193.22	1	D	A	78.2	3.3	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	9.8	0.0	8.0	-9.0
976	618785.46	4778303.31	193.22	1	N	A	72.9	3.3	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	9.8	0.0	8.0	-14.2
976	618785.46	4778303.31	193.22	1	E	A	72.9	3.3	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	9.8	0.0	8.0	-14.2
977	618783.73	4778302.40	193.21	1	D	A	78.2	2.5	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	10.0	0.0	4.2	-6.1
977	618783.73	4778302.40	193.21	1	N	A	72.9	2.5	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	10.0	0.0	4.2	-11.3
977	618783.73	4778302.40	193.21	1	E	A	72.9	2.5	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	10.0	0.0	4.2	-11.3
983	618782.38	4778301.69	193.20	1	D	A	78.2	1.0	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	10.2	0.0	4.3	-7.8
983	618782.38	4778301.69	193.20	1	N	A	72.9	1.0	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	10.2	0.0	4.3	-13.0
983	618782.38	4778301.69	193.20	1	E	A	72.9	1.0	0.0	0.0	0.0	68.5	3.5	0.5	0.0	0.0	10.2	0.0	4.3	-13.0
1628	618972.82	4778259.80	193.01	0	D	A	78.2	6.1	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	5.9	0.0	0.0	8.9
1628	618972.82	4778259.80	193.01	0	N	A	72.9	6.1	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	5.9	0.0	0.0	3.7
1628	618972.82	4778259.80	193.01	0	E	A	72.9	6.1	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	5.9	0.0	0.0	3.7
1632	618972.82	4778259.80	193.01	1	D	A	78.2	6.1	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	12.7	0.0	18.2	-18.8
1632	618972.82	4778259.80	193.01	1	N	A	72.9	6.1	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	12.7	0.0	18.2	-24.1
1632	618972.82	4778259.80	193.01	1	E	A	72.9	6.1	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	12.7	0.0	18.2	-24.1
1634	618972.82	4778259.80	193.01	1	D	A	78.2	6.1	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	12.1	0.0	15.8	-15.1
1634	618972.82	4778259.80	193.01	1	N	A	72.9	6.1	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	12.1	0.0	15.8	-20.3
1634	618972.82	4778259.80	193.01	1	E	A	72.9	6.1	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	12.1	0.0	15.8	-20.3
1639	618972.82	4778259.80	193.01	1	D	A	78.2	6.1	0.0	0.0	0.0	66.7	3.0	0.7	0.0	0.0	3.9	0.0	9.7	0.2
1639	618972.82	4778259.80	193.01	1	N	A	72.9	6.1	0.0	0.0	0.0	66.7	3.0	0.7	0.0	0.0	3.9	0.0	9.7	-5.0
1639	618972.82	4778259.80	193.01	1	E	A	72.9	6.1	0.0	0.0	0.0	66.7	3.0	0.7	0.0	0.0	3.9	0.0	9.7	-5.0
1643	618972.82	4778259.80	193.01	1	D	A	78.2	6.1	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	12.9	-3.6
1643	618972.82	4778259.80	193.01	1	N	A	72.9	6.1	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	12.9	-8.8
1643	618972.82	4778259.80	193.01	1	E	A	72.9	6.1	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	12.9	-8.8
1645	618972.82	4778259.80	193.01	1	D	A	78.2	6.1	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	12.4	0.0	16.3	-15.9
1645	618972.82	4778259.80	193.01	1	N	A	72.9	6.1	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	12.4	0.0	16.3	-21.1
1645	618972.82	4778259.80	193.01	1	E	A	72.9	6.1	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	12.4	0.0	16.3	-21.1
1650	618973.61	4778262.69	193.02	0	D	A	78.2	2.8	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	0.0	0.0	0.0	11.6
1650	618973.61	4778262.69	193.02	0	N	A	72.9	2.8	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	0.0	0.0	0.0	6.3
1650	618973.61	4778262.69	193.02	0	E	A	72.9	2.8	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	0.0	0.0	0.0	6.3
1655	618973.61	4778262.69	193.02	1	D	A	78.2	2.8	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	12.4	0.0	18.2	-21.8
1655	618973.61	4778262.69	193.02	1	N	A	72.9	2.8	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	12.4	0.0	18.2	-27.0
1655	618973.61	4778262.69	193.02	1	E	A	72.9	2.8	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	12.4	0.0	18.2	-27.0
1660	618973.61	4778262.69	193.02	1	D	A	78.2	2.8	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	11.8	0.0	15.8	-18.0
1660	618973.61	4778262.69	193.02	1	N	A	72.9	2.8	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	11.8	0.0	15.8	-23.3
1660	618973.61	4778262.69	193.02	1	E	A	72.9	2.8	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	11.8	0.0	15.8	-23.3
1665	618973.61	4778262.69	193.02	1	D	A	78.2	2.8	0.0	0.0	0.0	66.8	3.1	0.7	0.0	0.0	3.8	0.0	9.9	-3.2
1665	618973.61	4778262.69	193.02	1	N	A	72.9	2.8	0.0	0.0	0.0	66.8	3.1	0.7	0.0	0.0	3.8	0.0	9.9	-8.5
1665	618973.61	4778262.69	193.02	1	E	A	72.9	2.8	0.0	0.0	0.0	66.8	3.1	0.7	0.0	0.0	3.8	0.0	9.9	-8.5
1670	618973.61	4778262.69	193.02	1	D	A	78.2	2.8	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	13.0	-7.0
1670	618973.61	4778262.69	193.02	1	N	A	72.9	2.8	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	13.0	-12.3
1670	618973.61	4778262.69	193.02	1	E	A	72.9	2.8	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	13.0	-12.3
1674	618973.61	4778262.69	193.02	1	D	A	78.2	2.8	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	12.3	0.0	16.3	-19.1
1674	618973.61	4778262.69	193.02	1	N	A	72.9	2.8	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	12.3	0.0	16.3	-24.3
1674	618973.61	4778262.69	193.02	1	E	A	72.9	2.8	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	12.3	0.0	16.3	-24.3
1678	618976.07	4778271.68	193.04	0	D	A	78.2	12.2	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	4.4	0.0	0.0	16.6
1678	618976.07	4778271.68	193.04	0	N	A	72.9	12.2	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	4.4	0.0	0.0	11.4
1678	618976.07	4778271.68	193.04	0	E	A	72.9	12.2	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	4.4	0.0	0.0	11.4
1683	618976.07	4778271.68	193.04	1	D	A	78.2	12.2	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	10.7	0.0	17.9	-10.4
1683	618976.07	4778271.68	193.04	1	N	A	72.9	12.2	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	10.7	0.0	17.9	-15.6
1683	618976.07	4778271.68	193.04	1	E	A	72.9	12.2	0.0	0.0	0.0	68.2	3.4	0.5	0.0	0.0	10.7	0.0	17.9	-15.6
1688	618976.07	4778271.68	193.04	1	D	A	78.2	12.2	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	10.6	0.0	15.7	-7.3
1688	618976.07	4778271.68	193.04	1	N	A	72.9	12.2	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	10.6	0.0	15.7	-12.6
1688	618976.07	4778271.68	193.04	1	E	A	72.9	12.2	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	10.6	0.0	15.7	-12.6
1692	618976.07	4778271.68	193.04	1	D	A	78.2	12.2	0.0	0.0	0.0	66.8	3.1	0.7	0.0	0.0	3.8	0.0	10.6	5.4
1692	618976.07	4778271.68	193.04	1	N	A	72.9	12.2	0.0	0.0	0.0	66.8	3.1	0.7	0.0	0.0	3.8	0.0	10.6	0.2

Line Source, ISO 9613, Name: "Truck Route", ID: "!03!TR1"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1692	618976.07	4778271.68	193.04	1	E	A	72.9	12.2	0.0	0.0	0.0	66.8	3.1	0.7	0.0	0.0	3.8	0.0	10.6	0.2
1697	618976.07	4778271.68	193.04	1	D	A	78.2	12.2	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	3.5	0.0	15.6	-0.3
1697	618976.07	4778271.68	193.04	1	N	A	72.9	12.2	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	3.5	0.0	15.6	-5.5
1697	618976.07	4778271.68	193.04	1	E	A	72.9	12.2	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	3.5	0.0	15.6	-5.5
1703	618976.07	4778271.68	193.04	1	D	A	78.2	12.2	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	11.4	0.0	16.4	-9.0
1703	618976.07	4778271.68	193.04	1	N	A	72.9	12.2	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	11.4	0.0	16.4	-14.2
1703	618976.07	4778271.68	193.04	1	E	A	72.9	12.2	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	11.4	0.0	16.4	-14.2
1942	618765.46	4778185.91	192.75	0	D	A	78.2	14.8	0.0	0.0	0.0	68.3	3.4	0.6	0.0	0.0	2.5	0.0	0.0	18.1
1942	618765.46	4778185.91	192.75	0	N	A	72.9	14.8	0.0	0.0	0.0	68.3	3.4	0.6	0.0	0.0	2.5	0.0	0.0	12.9
1942	618765.46	4778185.91	192.75	0	E	A	72.9	14.8	0.0	0.0	0.0	68.3	3.4	0.6	0.0	0.0	2.5	0.0	0.0	12.9
1948	618768.35	4778187.70	192.76	1	D	A	78.2	13.5	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	3.5	0.0	4.2	11.3
1948	618768.35	4778187.70	192.76	1	N	A	72.9	13.5	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	3.5	0.0	4.2	6.1
1948	618768.35	4778187.70	192.76	1	E	A	72.9	13.5	0.0	0.0	0.0	68.6	3.5	0.5	0.0	0.0	3.5	0.0	4.2	6.1
1953	618778.08	4778193.71	192.77	1	D	A	78.2	-4.3	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	4.2	0.0	10.5	-13.6
1953	618778.08	4778193.71	192.77	1	N	A	72.9	-4.3	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	4.2	0.0	10.5	-18.8
1953	618778.08	4778193.71	192.77	1	E	A	72.9	-4.3	0.0	0.0	0.0	68.7	3.5	0.5	0.0	0.0	4.2	0.0	10.5	-18.8
2004	618725.74	4778223.53	193.00	0	D	A	78.2	2.4	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	13.3	0.0	0.0	-5.7
2004	618725.74	4778223.53	193.00	0	N	A	72.9	2.4	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	13.3	0.0	0.0	-10.9
2004	618725.74	4778223.53	193.00	0	E	A	72.9	2.4	0.0	0.0	0.0	68.8	3.6	0.5	0.0	0.0	13.3	0.0	0.0	-10.9
2011	618722.75	4778221.90	193.00	0	D	A	78.2	7.1	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	12.2	0.0	0.0	0.1
2011	618722.75	4778221.90	193.00	0	N	A	72.9	7.1	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	12.2	0.0	0.0	-5.1
2011	618722.75	4778221.90	193.00	0	E	A	72.9	7.1	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	12.2	0.0	0.0	-5.1
2030	618719.93	4778220.36	193.00	0	D	A	78.2	1.2	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	11.2	0.0	0.0	-4.8
2030	618719.93	4778220.36	193.00	0	N	A	72.9	1.2	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	11.2	0.0	0.0	-10.1
2030	618719.93	4778220.36	193.00	0	E	A	72.9	1.2	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	11.2	0.0	0.0	-10.1
2037	618718.10	4778219.37	193.00	0	D	A	78.2	4.5	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	10.7	0.0	0.0	-1.0
2037	618718.10	4778219.37	193.00	0	N	A	72.9	4.5	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	10.7	0.0	0.0	-6.2
2037	618718.10	4778219.37	193.00	0	E	A	72.9	4.5	0.0	0.0	0.0	68.9	3.6	0.5	0.0	0.0	10.7	0.0	0.0	-6.2
2044	618711.74	4778215.91	193.00	0	D	A	78.2	10.7	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	8.8	0.0	0.0	6.9
2044	618711.74	4778215.91	193.00	0	N	A	72.9	10.7	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	8.8	0.0	0.0	1.7
2044	618711.74	4778215.91	193.00	0	E	A	72.9	10.7	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	8.8	0.0	0.0	1.7
2050	618705.97	4778212.77	193.00	0	D	A	78.2	1.7	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	4.9	0.0	0.0	1.8
2050	618705.97	4778212.77	193.00	0	N	A	72.9	1.7	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	4.9	0.0	0.0	-3.5
2050	618705.97	4778212.77	193.00	0	E	A	72.9	1.7	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	4.9	0.0	0.0	-3.5
2057	618705.31	4778211.41	193.00	0	D	A	78.2	3.1	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	4.4	0.0	0.0	3.6
2057	618705.31	4778211.41	193.00	0	N	A	72.9	3.1	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	4.4	0.0	0.0	-1.6
2057	618705.31	4778211.41	193.00	0	E	A	72.9	3.1	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	4.4	0.0	0.0	-1.6
2062	618705.29	4778209.75	193.00	0	D	A	78.2	1.1	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	5.4	0.0	0.0	0.7
2062	618705.29	4778209.75	193.00	0	N	A	72.9	1.1	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	5.4	0.0	0.0	-4.5
2062	618705.29	4778209.75	193.00	0	E	A	72.9	1.1	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	5.4	0.0	0.0	-4.5
2069	618705.15	4778200.52	192.99	0	D	A	78.2	12.3	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	4.7	0.0	0.0	12.6
2069	618705.15	4778200.52	192.99	0	N	A	72.9	12.3	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	4.7	0.0	0.0	7.4
2069	618705.15	4778200.52	192.99	0	E	A	72.9	12.3	0.0	0.0	0.0	69.0	3.6	0.5	0.0	0.0	4.7	0.0	0.0	7.4
2076	618953.59	4778183.14	193.00	0	D	A	78.2	9.7	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	5.8	0.0	0.0	12.6
2076	618953.59	4778183.14	193.00	0	N	A	72.9	9.7	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	5.8	0.0	0.0	7.3
2076	618953.59	4778183.14	193.00	0	E	A	72.9	9.7	0.0	0.0	0.0	65.8	2.8	0.8	0.0	0.0	5.8	0.0	0.0	7.3
2082	618953.59	4778183.14	193.00	1	D	A	78.2	9.7	0.0	0.0	0.0	67.9	3.3	0.6	0.0	0.0	8.3	0.0	16.9	-9.1
2082	618953.59	4778183.14	193.00	1	N	A	72.9	9.7	0.0	0.0	0.0	67.9	3.3	0.6	0.0	0.0	8.3	0.0	16.9	-14.4
2082	618953.59	4778183.14	193.00	1	E	A	72.9	9.7	0.0	0.0	0.0	67.9	3.3	0.6	0.0	0.0	8.3	0.0	16.9	-14.4
2089	618953.59	4778183.14	193.00	1	D	A	78.2	9.7	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	12.1	1.2
2089	618953.59	4778183.14	193.00	1	N	A	72.9	9.7	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	12.1	-4.1
2089	618953.59	4778183.14	193.00	1	E	A	72.9	9.7	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	12.1	-4.1
2094	618953.59	4778183.14	193.00	1	D	A	78.2	9.7	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	10.8	2.5
2094	618953.59	4778183.14	193.00	1	N	A	72.9	9.7	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	10.8	-2.7
2094	618953.59	4778183.14	193.00	1	E	A	72.9	9.7	0.0	0.0	0.0	67.1	3.1	0.6	0.0	0.0	3.6	0.0	10.8	-2.7
2100	618953.59	4778183.14	193.00	1	D	A	78.2	9.7	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	3.5	0.0	14.5	-1.7
2100	618953.59	4778183.14	193.00	1	N	A	72.9	9.7	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	3.5	0.0	14.5	-6.9
2100	618953.59	4778183.14	193.00	1	E	A	72.9	9.7	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	3.5	0.0	14.5	-6.9
2107	618803.48	4778324.22	193.52	0	D	A	78.2	9.3	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	4.2	0.0	0.0	11.1
2107	618803.48	4778324.22	193.52	0	N	A	72.9	9.3	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	4.2	0.0	0.0	5.9
2107	618803.48	4778324.22	193.52	0	E	A	72.9	9.3	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	4.2	0.0	0.0	5.9
2113	618803.48	4778324.22	193.52	1	D	A	78.2	9.3	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	8.9	0.0	33.2	-126.9
2113	618803.48	4778324.22	193.52	1	N	A	72.9	9.3	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	8.9	0.0	33.2	-132.1

Line Source, ISO 9613, Name: "Truck Route", ID: "!03!TR1"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2113	618803.48	4778324.22	193.52	1	E	A	72.9	9.3	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	8.9	0.0	33.2	-132.1
2119	618801.78	4778319.21	193.40	0	D	A	78.2	3.1	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	0.0	0.0	0.0	9.0
2119	618801.78	4778319.21	193.40	0	N	A	72.9	3.1	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	0.0	0.0	0.0	3.8
2119	618801.78	4778319.21	193.40	0	E	A	72.9	3.1	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	0.0	0.0	0.0	3.8
2126	618801.78	4778319.21	193.40	1	D	A	78.2	3.1	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	9.1	0.0	34.2	-134.3
2126	618801.78	4778319.21	193.40	1	N	A	72.9	3.1	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	9.1	0.0	34.2	-139.5
2126	618801.78	4778319.21	193.40	1	E	A	72.9	3.1	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	9.1	0.0	34.2	-139.5
2132	618800.50	4778315.47	193.31	0	D	A	78.2	7.7	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	3.5	0.0	0.0	10.2
2132	618800.50	4778315.47	193.31	0	N	A	72.9	7.7	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	3.5	0.0	0.0	4.9
2132	618800.50	4778315.47	193.31	0	E	A	72.9	7.7	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	3.5	0.0	0.0	4.9
2140	618797.17	4778311.06	193.25	0	D	A	78.2	7.6	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	3.5	0.0	0.0	10.0
2140	618797.17	4778311.06	193.25	0	N	A	72.9	7.6	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	3.5	0.0	0.0	4.8
2140	618797.17	4778311.06	193.25	0	E	A	72.9	7.6	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	3.5	0.0	0.0	4.8
2160	618793.36	4778308.48	193.24	0	D	A	78.2	5.4	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	4.1	0.0	0.0	7.1
2160	618793.36	4778308.48	193.24	0	N	A	72.9	5.4	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	4.1	0.0	0.0	1.9
2160	618793.36	4778308.48	193.24	0	E	A	72.9	5.4	0.0	0.0	0.0	68.3	3.4	0.5	0.0	0.0	4.1	0.0	0.0	1.9
2169	618790.73	4778306.70	193.23	0	D	A	78.2	4.6	0.0	0.0	0.0	68.3	3.5	0.5	0.0	0.0	6.8	0.0	0.0	3.7
2169	618790.73	4778306.70	193.23	0	N	A	72.9	4.6	0.0	0.0	0.0	68.3	3.5	0.5	0.0	0.0	6.8	0.0	0.0	-1.6
2169	618790.73	4778306.70	193.23	0	E	A	72.9	4.6	0.0	0.0	0.0	68.3	3.5	0.5	0.0	0.0	6.8	0.0	0.0	-1.6
2176	618788.51	4778305.20	193.23	0	D	A	78.2	4.0	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	10.7	0.0	0.0	-0.9
2176	618788.51	4778305.20	193.23	0	N	A	72.9	4.0	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	10.7	0.0	0.0	-6.2
2176	618788.51	4778305.20	193.23	0	E	A	72.9	4.0	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	10.7	0.0	0.0	-6.2
2183	618787.08	4778304.23	193.23	0	D	A	78.2	-0.1	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	10.9	0.0	0.0	-5.2
2183	618787.08	4778304.23	193.23	0	N	A	72.9	-0.1	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	10.9	0.0	0.0	-10.4
2183	618787.08	4778304.23	193.23	0	E	A	72.9	-0.1	0.0	0.0	0.0	68.4	3.5	0.5	0.0	0.0	10.9	0.0	0.0	-10.4
2193	618947.70	4778176.84	193.00	0	D	A	78.2	9.4	0.0	0.0	0.0	65.9	2.8	0.8	0.0	0.0	5.5	0.0	0.0	12.5
2193	618947.70	4778176.84	193.00	0	N	A	72.9	9.4	0.0	0.0	0.0	65.9	2.8	0.8	0.0	0.0	5.5	0.0	0.0	7.3
2193	618947.70	4778176.84	193.00	0	E	A	72.9	9.4	0.0	0.0	0.0	65.9	2.8	0.8	0.0	0.0	5.5	0.0	0.0	7.3
2200	618947.70	4778176.84	193.00	1	D	A	78.2	9.4	0.0	0.0	0.0	68.0	3.4	0.6	0.0	0.0	7.7	0.0	16.9	-8.9
2200	618947.70	4778176.84	193.00	1	N	A	72.9	9.4	0.0	0.0	0.0	68.0	3.4	0.6	0.0	0.0	7.7	0.0	16.9	-14.2
2200	618947.70	4778176.84	193.00	1	E	A	72.9	9.4	0.0	0.0	0.0	68.0	3.4	0.6	0.0	0.0	7.7	0.0	16.9	-14.2
2204	618947.70	4778176.84	193.00	1	D	A	78.2	9.4	0.0	0.0	0.0	67.2	3.2	0.6	0.0	0.0	3.6	0.0	12.5	0.5
2204	618947.70	4778176.84	193.00	1	N	A	72.9	9.4	0.0	0.0	0.0	67.2	3.2	0.6	0.0	0.0	3.6	0.0	12.5	-4.8
2204	618947.70	4778176.84	193.00	1	E	A	72.9	9.4	0.0	0.0	0.0	67.2	3.2	0.6	0.0	0.0	3.6	0.0	12.5	-4.8
2208	618947.70	4778176.84	193.00	1	D	A	78.2	9.4	0.0	0.0	0.0	67.1	3.1	0.7	0.0	0.0	3.7	0.0	10.7	2.3
2208	618947.70	4778176.84	193.00	1	N	A	72.9	9.4	0.0	0.0	0.0	67.1	3.1	0.7	0.0	0.0	3.7	0.0	10.7	-2.9
2208	618947.70	4778176.84	193.00	1	E	A	72.9	9.4	0.0	0.0	0.0	67.1	3.1	0.7	0.0	0.0	3.7	0.0	10.7	-2.9
2215	618947.70	4778176.84	193.00	1	D	A	78.2	9.4	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	3.5	0.0	14.6	-2.2
2215	618947.70	4778176.84	193.00	1	N	A	72.9	9.4	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	3.5	0.0	14.6	-7.4
2215	618947.70	4778176.84	193.00	1	E	A	72.9	9.4	0.0	0.0	0.0	67.7	3.3	0.6	0.0	0.0	3.5	0.0	14.6	-7.4
2222	618940.15	4778175.08	193.00	0	D	A	78.2	8.9	0.0	0.0	0.0	66.0	2.9	0.8	0.0	0.0	5.1	0.0	0.0	12.3
2222	618940.15	4778175.08	193.00	0	N	A	72.9	8.9	0.0	0.0	0.0	66.0	2.9	0.8	0.0	0.0	5.1	0.0	0.0	7.1
2222	618940.15	4778175.08	193.00	0	E	A	72.9	8.9	0.0	0.0	0.0	66.0	2.9	0.8	0.0	0.0	5.1	0.0	0.0	7.1
2228	618940.15	4778175.08	193.00	1	D	A	78.2	8.9	0.0	0.0	0.0	67.9	3.3	0.6	0.0	0.0	7.6	0.0	16.8	-9.2
2228	618940.15	4778175.08	193.00	1	N	A	72.9	8.9	0.0	0.0	0.0	67.9	3.3	0.6	0.0	0.0	7.6	0.0	16.8	-14.4
2228	618940.15	4778175.08	193.00	1	E	A	72.9	8.9	0.0	0.0	0.0	67.9	3.3	0.6	0.0	0.0	7.6	0.0	16.8	-14.4
2234	618940.15	4778175.08	193.00	1	D	A	78.2	8.9	0.0	0.0	0.0	67.2	3.2	0.6	0.0	0.0	3.6	0.0	12.6	-0.2
2234	618940.15	4778175.08	193.00	1	N	A	72.9	8.9	0.0	0.0	0.0	67.2	3.2	0.6	0.0	0.0	3.6	0.0	12.6	-5.4
2234	618940.15	4778175.08	193.00	1	E	A	72.9	8.9	0.0	0.0	0.0	67.2	3.2	0.6	0.0	0.0	3.6	0.0	12.6	-5.4
2240	618940.15	4778175.08	193.00	1	D	A	78.2	8.9	0.0	0.0	0.0	67.0	3.1	0.7	0.0	0.0	3.7	0.0	10.1	2.5
2240	618940.15	4778175.08	193.00	1	N	A	72.9	8.9	0.0	0.0	0.0	67.0	3.1	0.7	0.0	0.0	3.7	0.0	10.1	-2.8
2240	618940.15	4778175.08	193.00	1	E	A	72.9	8.9	0.0	0.0	0.0	67.0	3.1	0.7	0.0	0.0	3.7	0.0	10.1	-2.8
2247	618940.15	4778175.08	193.00	1	D	A	78.2	8.9	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	14.5	-2.6
2247	618940.15	4778175.08	193.00	1	N	A	72.9	8.9	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	14.5	-7.8
2247	618940.15	4778175.08	193.00	1	E	A	72.9	8.9	0.0	0.0	0.0	67.6	3.3	0.6	0.0	0.0	3.5	0.0	14.5	-7.8

Point Source, ISO 9613, Name: "Chiller", ID: "!07!S13B"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
598	618952.30	4778218.63	193.50	0	DEN	A	91.6	0.0	0.0	0.0	0.0	65.9	1.6	1.4	0.0	0.0	4.1	0.0	0.0	18.6
604	618952.30	4778218.63	193.50	1	DEN	A	91.6	0.0	0.0	0.0	0.0	68.1	1.9	1.2	0.0	0.0	10.7	0.0	21.3	-11.7
613	618952.30	4778218.63	193.50	1	DEN	A	91.6	0.0	0.0	0.0	0.0	67.6	1.8	1.2	0.0	0.0	10.6	0.0	16.9	-6.5
617	618952.30	4778218.63	193.50	1	DEN	A	91.6	0.0	0.0	0.0	0.0	66.7	1.7	1.3	0.0	0.0	3.3	0.0	10.1	8.5

Point Source, ISO 9613, Name: "Chiller", ID: "!07!S13B"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
619	618952.30	4778218.63	193.50	1	DEN	A	91.6	0.0	0.0	0.0	0.0	67.1	1.7	1.3	0.0	0.0	3.2	0.0	12.1	6.2
622	618952.30	4778218.63	193.50	1	DEN	A	91.6	0.0	0.0	0.0	0.0	67.4	1.8	1.2	0.0	0.0	3.2	0.0	13.9	4.1

Point Source, ISO 9613, Name: "Chiller", ID: "!07!S13A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
626	618950.45	4778212.20	193.50	0	DEN	A	91.6	0.0	0.0	0.0	0.0	65.9	1.6	1.4	0.0	0.0	4.0	0.0	0.0	18.6
628	618950.45	4778212.20	193.50	1	DEN	A	91.6	0.0	0.0	0.0	0.0	68.2	1.9	1.2	0.0	0.0	9.7	0.0	21.1	-10.5
631	618950.45	4778212.20	193.50	1	DEN	A	91.6	0.0	0.0	0.0	0.0	67.6	1.8	1.2	0.0	0.0	9.7	0.0	16.9	-5.7
632	618950.45	4778212.20	193.50	1	DEN	A	91.6	0.0	0.0	0.0	0.0	66.7	1.7	1.3	0.0	0.0	3.3	0.0	10.6	7.9
637	618950.45	4778212.20	193.50	1	DEN	A	91.6	0.0	0.0	0.0	0.0	67.0	1.7	1.3	0.0	0.0	3.2	0.0	11.8	6.5
640	618950.45	4778212.20	193.50	1	DEN	A	91.6	0.0	0.0	0.0	0.0	67.4	1.8	1.2	0.0	0.0	3.2	0.0	14.0	4.0

Point Source, ISO 9613, Name: "Truck Idle on Weight Scale", ID: "!07!S11"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
644	618962.11	4778222.96	193.00	0	D	A	99.5	0.0	-3.0	0.0	0.0	65.8	2.6	0.4	0.0	0.0	7.1	0.0	0.0	20.6
644	618962.11	4778222.96	193.00	0	N	A	99.5	0.0	-188.0	0.0	0.0	65.8	2.6	0.4	0.0	0.0	7.1	0.0	0.0	-164.4
644	618962.11	4778222.96	193.00	0	E	A	99.5	0.0	-188.0	0.0	0.0	65.8	2.6	0.4	0.0	0.0	7.1	0.0	0.0	-164.4
650	618962.11	4778222.96	193.00	1	D	A	99.5	0.0	-3.0	0.0	0.0	68.2	3.3	0.0	0.0	0.0	16.5	0.0	15.0	-6.5
650	618962.11	4778222.96	193.00	1	N	A	99.5	0.0	-188.0	0.0	0.0	68.2	3.3	0.0	0.0	0.0	16.5	0.0	15.0	-191.5
650	618962.11	4778222.96	193.00	1	E	A	99.5	0.0	-188.0	0.0	0.0	68.2	3.3	0.0	0.0	0.0	16.5	0.0	15.0	-191.5
654	618962.11	4778222.96	193.00	1	D	A	99.5	0.0	-3.0	0.0	0.0	67.6	3.1	0.1	0.0	0.0	15.9	0.0	13.5	-3.7
654	618962.11	4778222.96	193.00	1	N	A	99.5	0.0	-188.0	0.0	0.0	67.6	3.1	0.1	0.0	0.0	15.9	0.0	13.5	-188.7
654	618962.11	4778222.96	193.00	1	E	A	99.5	0.0	-188.0	0.0	0.0	67.6	3.1	0.1	0.0	0.0	15.9	0.0	13.5	-188.7
656	618962.11	4778222.96	193.00	1	D	A	99.5	0.0	-3.0	0.0	0.0	66.7	2.8	0.2	0.0	0.0	4.4	0.0	8.9	13.3
656	618962.11	4778222.96	193.00	1	N	A	99.5	0.0	-188.0	0.0	0.0	66.7	2.8	0.2	0.0	0.0	4.4	0.0	8.9	-171.6
656	618962.11	4778222.96	193.00	1	E	A	99.5	0.0	-188.0	0.0	0.0	66.7	2.8	0.2	0.0	0.0	4.4	0.0	8.9	-171.6
664	618962.11	4778222.96	193.00	1	D	A	99.5	0.0	-3.0	0.0	0.0	67.2	3.0	0.2	0.0	0.0	4.1	0.0	10.6	11.4
664	618962.11	4778222.96	193.00	1	N	A	99.5	0.0	-188.0	0.0	0.0	67.2	3.0	0.2	0.0	0.0	4.1	0.0	10.6	-173.6
664	618962.11	4778222.96	193.00	1	E	A	99.5	0.0	-188.0	0.0	0.0	67.2	3.0	0.2	0.0	0.0	4.1	0.0	10.6	-173.6
667	618962.11	4778222.96	193.00	1	D	A	99.5	0.0	-3.0	0.0	0.0	67.5	3.1	0.1	0.0	0.0	4.1	0.0	13.0	8.8
667	618962.11	4778222.96	193.00	1	N	A	99.5	0.0	-188.0	0.0	0.0	67.5	3.1	0.1	0.0	0.0	4.1	0.0	13.0	-176.2
667	618962.11	4778222.96	193.00	1	E	A	99.5	0.0	-188.0	0.0	0.0	67.5	3.1	0.1	0.0	0.0	4.1	0.0	13.0	-176.2

vert. Area Source, ISO 9613, Name: "Organic Processing Building Bay Door (Open)", ID: "!07!S16F"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1017	618746.09	4778258.72	194.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	20.2	0.0	0.0	-1.0
1022	618746.09	4778258.72	194.50	1	DEN	A	86.2	6.0	0.0	0.0	0.0	68.8	1.9	2.3	0.0	0.0	20.6	0.0	39.9	-141.3
1045	618746.09	4778258.72	191.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	4.4	0.0	0.0	20.3	0.0	0.0	-3.0
1049	618746.09	4778258.72	191.50	1	DEN	A	86.2	6.0	0.0	0.0	0.0	68.8	1.9	4.3	0.0	0.0	20.4	0.0	37.8	-141.1
1056	618746.09	4778258.72	192.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	3.1	0.0	0.0	21.5	0.0	0.0	-3.0
1057	618746.09	4778258.72	192.50	1	DEN	A	86.2	6.0	0.0	0.0	0.0	68.8	1.9	3.0	0.0	0.0	21.6	0.0	38.0	-141.2
1062	618746.09	4778258.72	193.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	21.4	0.0	0.0	-2.3
1072	618746.09	4778258.72	193.50	1	DEN	A	86.2	6.0	0.0	0.0	0.0	68.8	1.9	2.4	0.0	0.0	21.7	0.0	38.7	-141.3

vert. Area Source, ISO 9613, Name: "Organic Processing Building Bay Door (Open)", ID: "!07!S16E"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1080	618744.12	4778251.89	193.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	21.5	0.0	0.0	-2.3
1091	618744.12	4778251.89	192.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	3.1	0.0	0.0	21.5	0.0	0.0	-2.9
1105	618744.12	4778251.89	191.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	4.4	0.0	0.0	20.3	0.0	0.0	-3.0
1115	618744.12	4778251.89	194.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	20.3	0.0	0.0	-1.1

vert. Area Source, ISO 9613, Name: "Organic Processing Building Bay Door (Open)", ID: "!07!S16D"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1126	618742.45	4778246.12	194.50	0	DEN	A	86.2	3.8	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	20.3	0.0	0.0	-3.3
1131	618741.90	4778244.20	194.50	0	DEN	A	86.2	1.9	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	20.3	0.0	0.0	-5.2
1139	618742.45	4778246.12	193.50	0	DEN	A	86.2	3.8	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	21.5	0.0	0.0	-4.5
1144	618741.90	4778244.20	193.50	0	DEN	A	86.2	1.9	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	21.5	0.0	0.0	-6.4
1153	618742.45	4778246.12	192.50	0	DEN	A	86.2	3.8	0.0	0.0	0.0	68.7	1.9	3.1	0.0	0.0	21.5	0.0	0.0	-5.1

vert. Area Source, ISO 9613, Name: "Organic Processing Building Bay Door (Open)", ID: "!07!S16D"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1159	618741.90	4778244.20	192.50	0	DEN	A	86.2	1.9	0.0	0.0	0.0	68.7	1.9	3.1	0.0	0.0	21.4	0.0	0.0	-7.0
1170	618742.45	4778246.12	191.50	0	DEN	A	86.2	3.8	0.0	0.0	0.0	68.7	1.9	4.4	0.0	0.0	20.3	0.0	0.0	-5.2
1178	618741.90	4778244.20	191.50	0	DEN	A	86.2	1.9	0.0	0.0	0.0	68.7	1.9	4.4	0.0	0.0	20.3	0.0	0.0	-7.2

vert. Area Source, ISO 9613, Name: "Organic Processing Building Bay Door (Open)", ID: "!07!S16C"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1189	618740.28	4778238.59	193.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	21.3	0.0	0.0	-2.1
1205	618740.28	4778238.59	192.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	3.1	0.0	0.0	21.4	0.0	0.0	-2.9
1218	618740.28	4778238.59	194.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	20.3	0.0	0.0	-1.1
1231	618740.28	4778238.59	191.50	0	DEN	A	86.2	6.0	0.0	0.0	0.0	68.7	1.9	4.4	0.0	0.0	20.3	0.0	0.0	-3.1

vert. Area Source, ISO 9613, Name: "Organic Processing Building Bay Door (Open)", ID: "!07!S16B"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1245	618735.64	4778222.55	191.50	0	DEN	A	86.1	6.1	0.0	0.0	0.0	68.7	1.9	4.4	0.0	0.0	20.1	0.0	0.0	-2.9
1251	618735.64	4778222.55	193.50	0	DEN	A	86.1	6.1	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	21.1	0.0	0.0	-1.9
1262	618735.64	4778222.55	194.50	0	DEN	A	86.1	6.1	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	20.0	0.0	0.0	-0.8
1276	618735.64	4778222.55	192.50	0	DEN	A	86.1	6.1	0.0	0.0	0.0	68.7	1.9	3.1	0.0	0.0	21.2	0.0	0.0	-2.7

vert. Area Source, ISO 9613, Name: "Organic Processing Building Bay Door (Open)", ID: "!07!S16A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1283	618733.39	4778214.73	194.50	0	DEN	A	86.2	4.0	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	19.2	0.0	0.0	-2.1
1290	618733.94	4778216.65	194.50	0	DEN	A	86.2	1.7	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	19.6	0.0	0.0	-4.8
1297	618733.39	4778214.73	193.50	0	DEN	A	86.2	4.0	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	20.2	0.0	0.0	-3.0
1301	618733.94	4778216.65	193.50	0	DEN	A	86.2	1.7	0.0	0.0	0.0	68.7	1.9	2.4	0.0	0.0	20.6	0.0	0.0	-5.8
1310	618733.39	4778214.73	192.50	0	DEN	A	86.2	4.0	0.0	0.0	0.0	68.7	1.9	3.1	0.0	0.0	20.3	0.0	0.0	-3.8
1317	618733.94	4778216.65	192.50	0	DEN	A	86.2	1.7	0.0	0.0	0.0	68.7	1.9	3.1	0.0	0.0	20.7	0.0	0.0	-6.6
1322	618733.39	4778214.73	191.50	0	DEN	A	86.2	4.0	0.0	0.0	0.0	68.7	1.9	4.4	0.0	0.0	19.4	0.0	0.0	-4.3
1330	618733.94	4778216.65	191.50	0	DEN	A	86.2	1.7	0.0	0.0	0.0	68.7	1.9	4.4	0.0	0.0	19.8	0.0	0.0	-6.9

Point Source, ISO 9613, Name: "Side Wall Ventilation Fan", ID: "!03!S06B"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1565	618809.24	4778213.67	193.91	0	DEN	A	91.0	0.0	0.0	0.0	0.0	67.8	2.0	2.3	0.0	0.0	17.4	0.0	0.0	1.4
1570	618809.24	4778213.67	193.91	1	DEN	A	91.0	0.0	0.0	0.0	0.0	68.2	2.1	2.3	0.0	0.0	20.5	0.0	24.5	-26.6
1581	618809.24	4778213.67	193.91	1	DEN	A	91.0	0.0	0.0	0.0	0.0	68.1	2.1	2.3	0.0	0.0	20.5	0.0	33.8	-35.7
1586	618809.24	4778213.67	193.91	1	DEN	A	91.0	0.0	0.0	0.0	0.0	68.3	2.1	2.3	0.0	0.0	20.6	0.0	20.0	-22.3
1591	618809.24	4778213.67	193.91	1	DEN	A	91.0	0.0	0.0	0.0	0.0	67.9	2.0	2.3	0.0	0.0	20.4	0.0	55.2	-56.9

Point Source, ISO 9613, Name: "Side Wall Ventilation Fan", ID: "!03!S06A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1600	618807.67	4778212.65	193.91	0	DEN	A	91.0	0.0	0.0	0.0	0.0	67.9	2.0	2.3	0.0	0.0	10.5	0.0	0.0	8.3
1605	618807.67	4778212.65	193.91	1	DEN	A	91.0	0.0	0.0	0.0	0.0	68.2	2.1	2.3	0.0	0.0	19.0	0.0	26.1	-26.7
1611	618807.67	4778212.65	193.91	1	DEN	A	91.0	0.0	0.0	0.0	0.0	68.1	2.1	2.3	0.0	0.0	18.5	0.0	35.8	-35.8
1616	618807.67	4778212.65	193.91	1	DEN	A	91.0	0.0	0.0	0.0	0.0	68.3	2.1	2.3	0.0	0.0	19.3	0.0	20.6	-21.6
1622	618807.67	4778212.65	193.91	1	DEN	A	91.0	0.0	0.0	0.0	0.0	68.0	2.0	2.3	0.0	0.0	17.7	0.0	58.0	-57.0

Point Source, ISO 9613, Name: "Truck Idle on Weight Scale", ID: "!03!S09"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1709	618771.13	4778292.13	193.00	0	D	A	99.5	0.0	-3.0	0.0	0.0	68.5	3.4	-0.0	0.0	0.0	19.8	0.0	0.0	4.8
1709	618771.13	4778292.13	193.00	0	N	A	99.5	0.0	-188.0	0.0	0.0	68.5	3.4	-0.0	0.0	0.0	19.8	0.0	0.0	-180.2
1709	618771.13	4778292.13	193.00	0	E	A	99.5	0.0	-188.0	0.0	0.0	68.5	3.4	-0.0	0.0	0.0	19.8	0.0	0.0	-180.2

Point Source, ISO 9613, Name: "Agitator Motor (High Pitch)", ID: "!03!S04A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1716	618808.31	4778210.97	192.40	0	D	A	96.4	0.0	-6.0	0.0	0.0	67.9	5.8	-0.5	0.0	0.0	10.5	0.0	0.0	6.7
1716	618808.31	4778210.97	192.40	0	N	A	96.4	0.0	-6.0	0.0	0.0	67.9	5.8	-0.5	0.0	0.0	10.5	0.0	0.0	6.7
1716	618808.31	4778210.97	192.40	0	E	A	96.4	0.0	-6.0	0.0	0.0	67.9	5.8	-0.5	0.0	0.0	10.5	0.0	0.0	6.7
1721	618808.31	4778210.97	192.40	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.2	6.0	-0.6	0.0	0.0	24.3	0.0	18.5	-26.0

Point Source, ISO 9613, Name: "Agitator Motor (High Pitch)", ID: "!03!S04A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1721	618808.31	4778210.97	192.40	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.2	6.0	-0.6	0.0	0.0	24.3	0.0	18.5	-26.0
1721	618808.31	4778210.97	192.40	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.2	6.0	-0.6	0.0	0.0	24.3	0.0	18.5	-26.0
1726	618808.31	4778210.97	192.40	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.1	5.9	-0.5	0.0	0.0	24.1	0.0	27.3	-34.6
1726	618808.31	4778210.97	192.40	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.1	5.9	-0.5	0.0	0.0	24.1	0.0	27.3	-34.6
1726	618808.31	4778210.97	192.40	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.1	5.9	-0.5	0.0	0.0	24.1	0.0	27.3	-34.6
1731	618808.31	4778210.97	192.40	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.3	6.0	-0.6	0.0	0.0	24.3	0.0	16.3	-24.1
1731	618808.31	4778210.97	192.40	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.3	6.0	-0.6	0.0	0.0	24.3	0.0	16.3	-24.1
1731	618808.31	4778210.97	192.40	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.3	6.0	-0.6	0.0	0.0	24.3	0.0	16.3	-24.1
1736	618808.31	4778210.97	192.40	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	23.5	0.0	41.1	-47.6
1736	618808.31	4778210.97	192.40	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	23.5	0.0	41.1	-47.6
1736	618808.31	4778210.97	192.40	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	23.5	0.0	41.1	-47.6
1739	618808.31	4778210.97	192.40	1	D	A	96.4	0.0	-6.0	0.0	0.0	67.9	5.8	-0.5	0.0	0.0	10.4	0.0	1.0	5.7
1739	618808.31	4778210.97	192.40	1	N	A	96.4	0.0	-6.0	0.0	0.0	67.9	5.8	-0.5	0.0	0.0	10.4	0.0	1.0	5.7
1739	618808.31	4778210.97	192.40	1	E	A	96.4	0.0	-6.0	0.0	0.0	67.9	5.8	-0.5	0.0	0.0	10.4	0.0	1.0	5.7

Point Source, ISO 9613, Name: "Agitator Motor (High Pitch)", ID: "!03!S04B"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1744	618803.04	4778208.23	192.38	0	D	A	96.4	0.0	-6.0	0.0	0.0	67.9	5.9	-0.5	0.0	0.0	9.6	0.0	0.0	7.4
1744	618803.04	4778208.23	192.38	0	N	A	96.4	0.0	-6.0	0.0	0.0	67.9	5.9	-0.5	0.0	0.0	9.6	0.0	0.0	7.4
1744	618803.04	4778208.23	192.38	0	E	A	96.4	0.0	-6.0	0.0	0.0	67.9	5.9	-0.5	0.0	0.0	9.6	0.0	0.0	7.4
1748	618803.04	4778208.23	192.38	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.3	6.0	-0.6	0.0	0.0	24.0	0.0	19.0	-26.4
1748	618803.04	4778208.23	192.38	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.3	6.0	-0.6	0.0	0.0	24.0	0.0	19.0	-26.4
1748	618803.04	4778208.23	192.38	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.3	6.0	-0.6	0.0	0.0	24.0	0.0	19.0	-26.4
1753	618803.04	4778208.23	192.38	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	24.1	0.0	17.7	-25.3
1753	618803.04	4778208.23	192.38	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	24.1	0.0	17.7	-25.3
1753	618803.04	4778208.23	192.38	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	24.1	0.0	17.7	-25.3
1758	618803.04	4778208.23	192.38	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	19.5	0.0	45.4	-47.9
1758	618803.04	4778208.23	192.38	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	19.5	0.0	45.4	-47.9
1758	618803.04	4778208.23	192.38	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	19.5	0.0	45.4	-47.9
1764	618803.04	4778208.23	192.38	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.5	6.1	-0.6	0.0	0.0	10.8	0.0	1.1	4.5
1764	618803.04	4778208.23	192.38	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.5	6.1	-0.6	0.0	0.0	10.8	0.0	1.1	4.5
1764	618803.04	4778208.23	192.38	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.5	6.1	-0.6	0.0	0.0	10.8	0.0	1.1	4.5

Point Source, ISO 9613, Name: "Agitator Motor (High Pitch)", ID: "!03!S04C"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1769	618798.09	4778209.34	192.37	0	D	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	9.1	0.0	0.0	7.9
1769	618798.09	4778209.34	192.37	0	N	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	9.1	0.0	0.0	7.9
1769	618798.09	4778209.34	192.37	0	E	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	9.1	0.0	0.0	7.9
1774	618798.09	4778209.34	192.37	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.3	6.0	-0.6	0.0	0.0	23.8	0.0	19.4	-26.6
1774	618798.09	4778209.34	192.37	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.3	6.0	-0.6	0.0	0.0	23.8	0.0	19.4	-26.6
1774	618798.09	4778209.34	192.37	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.3	6.0	-0.6	0.0	0.0	23.8	0.0	19.4	-26.6
1779	618798.09	4778209.34	192.37	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	24.0	0.0	18.1	-25.6
1779	618798.09	4778209.34	192.37	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	24.0	0.0	18.1	-25.6
1779	618798.09	4778209.34	192.37	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	24.0	0.0	18.1	-25.6
1787	618798.09	4778209.34	192.37	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.1	5.9	-0.5	0.0	0.0	21.9	0.0	43.4	-48.4
1787	618798.09	4778209.34	192.37	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.1	5.9	-0.5	0.0	0.0	21.9	0.0	43.4	-48.4
1787	618798.09	4778209.34	192.37	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.1	5.9	-0.5	0.0	0.0	21.9	0.0	43.4	-48.4
1792	618798.09	4778209.34	192.37	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	11.8	0.0	1.1	3.6
1792	618798.09	4778209.34	192.37	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	11.8	0.0	1.1	3.6
1792	618798.09	4778209.34	192.37	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	11.8	0.0	1.1	3.6

Point Source, ISO 9613, Name: "Agitator Motor (High Pitch)", ID: "!03!S04D"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1796	618792.79	4778210.92	192.37	0	D	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	8.6	0.0	0.0	8.4
1796	618792.79	4778210.92	192.37	0	N	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	8.6	0.0	0.0	8.4
1796	618792.79	4778210.92	192.37	0	E	A	96.4	0.0	-6.0	0.0	0.0	68.0	5.9	-0.5	0.0	0.0	8.6	0.0	0.0	8.4
1801	618792.79	4778210.92	192.37	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	23.5	0.0	27.7	-34.6
1801	618792.79	4778210.92	192.37	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	23.5	0.0	27.7	-34.6
1801	618792.79	4778210.92	192.37	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	23.5	0.0	27.7	-34.6
1805	618792.79	4778210.92	192.37	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.5	6.0	-0.6	0.0	0.0	24.0	0.0	18.4	-26.0

Point Source, ISO 9613, Name: "Agitator Motor (High Pitch)", ID: "!03!S04D"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1805	618792.79	4778210.92	192.37	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.5	6.0	-0.6	0.0	0.0	24.0	0.0	18.4	-26.0
1805	618792.79	4778210.92	192.37	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.5	6.0	-0.6	0.0	0.0	24.0	0.0	18.4	-26.0
1811	618792.79	4778210.92	192.37	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.1	5.9	-0.5	0.0	0.0	21.9	0.0	44.0	-49.0
1811	618792.79	4778210.92	192.37	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.1	5.9	-0.5	0.0	0.0	21.9	0.0	44.0	-49.0
1811	618792.79	4778210.92	192.37	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.1	5.9	-0.5	0.0	0.0	21.9	0.0	44.0	-49.0
1817	618792.79	4778210.92	192.37	1	D	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	13.2	0.0	1.0	2.4
1817	618792.79	4778210.92	192.37	1	N	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	13.2	0.0	1.0	2.4
1817	618792.79	4778210.92	192.37	1	E	A	96.4	0.0	-6.0	0.0	0.0	68.4	6.0	-0.6	0.0	0.0	13.2	0.0	1.0	2.4

Point Source, ISO 9613, Name: "Side Wall Ventilation Fan", ID: "!03!S08"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1965	618826.46	4778215.44	193.95	0	DEN	A	89.4	0.0	0.0	0.0	0.0	67.6	2.4	1.5	0.0	0.0	7.7	0.0	0.0	10.1
1972	618826.46	4778215.44	193.95	1	DEN	A	89.4	0.0	0.0	0.0	0.0	68.0	2.4	1.4	0.0	0.0	6.9	0.0	23.3	-12.8
1979	618826.46	4778215.44	193.95	1	DEN	A	89.4	0.0	0.0	0.0	0.0	67.9	2.4	1.5	0.0	0.0	4.8	0.0	31.1	-18.3
1984	618826.46	4778215.44	193.95	1	DEN	A	89.4	0.0	0.0	0.0	0.0	67.8	2.4	1.5	0.0	0.0	3.2	0.0	28.9	-14.3
1990	618826.46	4778215.44	193.95	1	DEN	A	89.4	0.0	0.0	0.0	0.0	68.2	2.5	1.4	0.0	0.0	9.5	0.0	18.3	-10.5
1997	618826.46	4778215.44	193.95	1	DEN	A	89.4	0.0	0.0	0.0	0.0	67.7	2.4	1.5	0.0	0.0	3.2	0.0	50.7	-36.2

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!07!S05G"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2346	618897.15	4778236.95	207.00	0	D	A	84.7	0.0	-7.8	0.0	0.0	66.8	5.4	0.7	0.0	0.0	0.0	0.0	0.0	4.0
2346	618897.15	4778236.95	207.00	0	N	A	84.7	0.0	-7.8	0.0	0.0	66.8	5.4	0.7	0.0	0.0	0.0	0.0	0.0	4.0
2346	618897.15	4778236.95	207.00	0	E	A	84.7	0.0	-7.8	0.0	0.0	66.8	5.4	0.7	0.0	0.0	0.0	0.0	0.0	4.0

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!07!S05D"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2352	618900.92	4778260.30	207.03	0	D	A	84.7	0.0	-7.8	0.0	0.0	66.8	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.9
2352	618900.92	4778260.30	207.03	0	N	A	84.7	0.0	-7.8	0.0	0.0	66.8	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.9
2352	618900.92	4778260.30	207.03	0	E	A	84.7	0.0	-7.8	0.0	0.0	66.8	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.9

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!07!S05H"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2357	618895.08	4778246.97	207.00	0	D	A	84.7	0.0	-7.8	0.0	0.0	66.8	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.9
2357	618895.08	4778246.97	207.00	0	N	A	84.7	0.0	-7.8	0.0	0.0	66.8	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.9
2357	618895.08	4778246.97	207.00	0	E	A	84.7	0.0	-7.8	0.0	0.0	66.8	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.9

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!07!S05C"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2362	618896.35	4778269.17	207.11	0	D	A	84.7	0.0	-7.8	0.0	0.0	66.9	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.8
2362	618896.35	4778269.17	207.11	0	N	A	84.7	0.0	-7.8	0.0	0.0	66.9	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.8
2362	618896.35	4778269.17	207.11	0	E	A	84.7	0.0	-7.8	0.0	0.0	66.9	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.8

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!07!S05B"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2368	618880.32	4778266.84	207.12	0	D	A	84.7	0.0	-7.8	0.0	0.0	67.1	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.6
2368	618880.32	4778266.84	207.12	0	N	A	84.7	0.0	-7.8	0.0	0.0	67.1	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.6
2368	618880.32	4778266.84	207.12	0	E	A	84.7	0.0	-7.8	0.0	0.0	67.1	5.5	0.7	0.0	0.0	0.0	0.0	0.0	3.6

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!07!S05A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2374	618872.11	4778273.82	207.19	0	D	A	84.7	0.0	-7.8	0.0	0.0	67.2	5.6	0.7	0.0	0.0	0.0	0.0	0.0	3.4
2374	618872.11	4778273.82	207.19	0	N	A	84.7	0.0	-7.8	0.0	0.0	67.2	5.6	0.7	0.0	0.0	0.0	0.0	0.0	3.4
2374	618872.11	4778273.82	207.19	0	E	A	84.7	0.0	-7.8	0.0	0.0	67.2	5.6	0.7	0.0	0.0	0.0	0.0	0.0	3.4

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!03!S03C"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2382	618846.56	4778230.40	193.00	0	D	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.6	-0.4	0.0	0.0	13.4	0.0	0.0	-9.1
2382	618846.56	4778230.40	193.00	0	N	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.6	-0.4	0.0	0.0	13.4	0.0	0.0	-9.1
2382	618846.56	4778230.40	193.00	0	E	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.6	-0.4	0.0	0.0	13.4	0.0	0.0	-9.1
2388	618846.56	4778230.40	193.00	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.7	5.7	-0.5	0.0	0.0	13.9	0.0	17.1	-27.0
2388	618846.56	4778230.40	193.00	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.7	5.7	-0.5	0.0	0.0	13.9	0.0	17.1	-27.0
2388	618846.56	4778230.40	193.00	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.7	5.7	-0.5	0.0	0.0	13.9	0.0	17.1	-27.0
2393	618846.56	4778230.40	193.00	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	10.3	0.0	18.8	-25.0
2393	618846.56	4778230.40	193.00	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	10.3	0.0	18.8	-25.0
2393	618846.56	4778230.40	193.00	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	10.3	0.0	18.8	-25.0
2399	618846.56	4778230.40	193.00	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.9	5.8	-0.5	0.0	0.0	16.6	0.0	14.3	-27.2
2399	618846.56	4778230.40	193.00	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.9	5.8	-0.5	0.0	0.0	16.6	0.0	14.3	-27.2
2399	618846.56	4778230.40	193.00	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.9	5.8	-0.5	0.0	0.0	16.6	0.0	14.3	-27.2
2403	618846.56	4778230.40	193.00	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.6	-0.4	0.0	0.0	4.5	0.0	13.7	-113.9
2403	618846.56	4778230.40	193.00	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.6	-0.4	0.0	0.0	4.5	0.0	13.7	-113.9
2403	618846.56	4778230.40	193.00	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.6	-0.4	0.0	0.0	4.5	0.0	13.7	-113.9

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!03!S03B"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2409	618844.00	4778218.20	192.98	0	D	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.6	-0.4	0.0	0.0	14.8	0.0	0.0	-10.5
2409	618844.00	4778218.20	192.98	0	N	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.6	-0.4	0.0	0.0	14.8	0.0	0.0	-10.5
2409	618844.00	4778218.20	192.98	0	E	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.6	-0.4	0.0	0.0	14.8	0.0	0.0	-10.5
2415	618844.00	4778218.20	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.8	-0.5	0.0	0.0	12.9	0.0	17.2	-26.3
2415	618844.00	4778218.20	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.8	-0.5	0.0	0.0	12.9	0.0	17.2	-26.3
2415	618844.00	4778218.20	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.8	-0.5	0.0	0.0	12.9	0.0	17.2	-26.3
2420	618844.00	4778218.20	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.7	5.7	-0.5	0.0	0.0	9.3	0.0	18.4	-23.7
2420	618844.00	4778218.20	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.7	5.7	-0.5	0.0	0.0	9.3	0.0	18.4	-23.7
2420	618844.00	4778218.20	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.7	5.7	-0.5	0.0	0.0	9.3	0.0	18.4	-23.7
2425	618844.00	4778218.20	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.5	5.7	-0.5	0.0	0.0	4.5	0.0	18.2	-18.5
2425	618844.00	4778218.20	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.5	5.7	-0.5	0.0	0.0	4.5	0.0	18.2	-18.5
2425	618844.00	4778218.20	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.5	5.7	-0.5	0.0	0.0	4.5	0.0	18.2	-18.5
2429	618844.00	4778218.20	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	68.1	5.8	-0.5	0.0	0.0	14.8	0.0	15.0	-26.3
2429	618844.00	4778218.20	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	68.1	5.8	-0.5	0.0	0.0	14.8	0.0	15.0	-26.3
2429	618844.00	4778218.20	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	68.1	5.8	-0.5	0.0	0.0	14.8	0.0	15.0	-26.3
2435	618844.00	4778218.20	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.5	5.7	-0.5	0.0	0.0	4.5	0.0	28.1	-28.5
2435	618844.00	4778218.20	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.5	5.7	-0.5	0.0	0.0	4.5	0.0	28.1	-28.5
2435	618844.00	4778218.20	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.5	5.7	-0.5	0.0	0.0	4.5	0.0	28.1	-28.5
2439	618844.00	4778218.20	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	68.9	6.1	-0.6	0.0	0.0	4.8	0.0	12.1	-14.3
2439	618844.00	4778218.20	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	68.9	6.1	-0.6	0.0	0.0	4.8	0.0	12.1	-14.3
2439	618844.00	4778218.20	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	68.9	6.1	-0.6	0.0	0.0	4.8	0.0	12.1	-14.3

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!07!S05E"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2444	618854.23	4778269.59	207.11	0	D	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.7	0.6	0.0	0.0	0.0	0.0	0.0	3.2
2444	618854.23	4778269.59	207.11	0	N	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.7	0.6	0.0	0.0	0.0	0.0	0.0	3.2
2444	618854.23	4778269.59	207.11	0	E	A	84.7	0.0	-7.8	0.0	0.0	67.4	5.7	0.6	0.0	0.0	0.0	0.0	0.0	3.2

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!07!S05F"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2450	618857.09	4778282.14	207.20	0	D	A	84.7	0.0	-7.8	0.0	0.0	67.5	5.7	0.6	0.0	0.0	0.0	0.0	0.0	3.2
2450	618857.09	4778282.14	207.20	0	N	A	84.7	0.0	-7.8	0.0	0.0	67.5	5.7	0.6	0.0	0.0	0.0	0.0	0.0	3.2
2450	618857.09	4778282.14	207.20	0	E	A	84.7	0.0	-7.8	0.0	0.0	67.5	5.7	0.6	0.0	0.0	0.0	0.0	0.0	3.2

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!03!S03D"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2457	618837.58	4778247.16	193.00	0	D	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	14.2	0.0	0.0	-10.1
2457	618837.58	4778247.16	193.00	0	N	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	14.2	0.0	0.0	-10.1
2457	618837.58	4778247.16	193.00	0	E	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	14.2	0.0	0.0	-10.1
2463	618837.58	4778247.16	193.00	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.7	5.7	-0.5	0.0	0.0	9.5	0.0	18.0	-23.5
2463	618837.58	4778247.16	193.00	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.7	5.7	-0.5	0.0	0.0	9.5	0.0	18.0	-23.5

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!03!S03D"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2463	618837.58	4778247.16	193.00	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.7	5.7	-0.5	0.0	0.0	9.5	0.0	18.0	-23.5
2469	618837.58	4778247.16	193.00	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	9.8	0.0	44.1	-49.8
2469	618837.58	4778247.16	193.00	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	9.8	0.0	44.1	-49.8
2469	618837.58	4778247.16	193.00	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	9.8	0.0	44.1	-49.8
2475	618837.58	4778247.16	193.00	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	4.5	0.0	15.5	-115.9
2475	618837.58	4778247.16	193.00	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	4.5	0.0	15.5	-115.9
2475	618837.58	4778247.16	193.00	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	4.5	0.0	15.5	-115.9
2482	618837.58	4778247.16	193.00	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.8	-0.5	0.0	0.0	18.0	0.0	14.3	-28.5
2482	618837.58	4778247.16	193.00	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.8	-0.5	0.0	0.0	18.0	0.0	14.3	-28.5
2482	618837.58	4778247.16	193.00	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.8	-0.5	0.0	0.0	18.0	0.0	14.3	-28.5
2488	618837.58	4778247.16	193.00	1	D	A	84.7	0.0	-7.8	0.0	0.0	68.1	5.8	-0.5	0.0	0.0	4.4	0.0	1.7	-2.6
2488	618837.58	4778247.16	193.00	1	N	A	84.7	0.0	-7.8	0.0	0.0	68.1	5.8	-0.5	0.0	0.0	4.4	0.0	1.7	-2.6
2488	618837.58	4778247.16	193.00	1	E	A	84.7	0.0	-7.8	0.0	0.0	68.1	5.8	-0.5	0.0	0.0	4.4	0.0	1.7	-2.6
2494	618837.58	4778247.16	193.00	2	D	A	84.7	0.0	-7.8	0.0	0.0	68.3	5.9	-0.6	0.0	0.0	4.4	0.0	2.7	-3.9
2494	618837.58	4778247.16	193.00	2	N	A	84.7	0.0	-7.8	0.0	0.0	68.3	5.9	-0.6	0.0	0.0	4.4	0.0	2.7	-3.9
2494	618837.58	4778247.16	193.00	2	E	A	84.7	0.0	-7.8	0.0	0.0	68.3	5.9	-0.6	0.0	0.0	4.4	0.0	2.7	-3.9

Point Source, ISO 9613, Name: "Digester Tank Axial Agitator", ID: "!03!S03A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2501	618825.72	4778208.69	192.98	0	D	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	11.4	0.0	0.0	-7.3
2501	618825.72	4778208.69	192.98	0	N	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	11.4	0.0	0.0	-7.3
2501	618825.72	4778208.69	192.98	0	E	A	84.7	0.0	-7.8	0.0	0.0	67.6	5.7	-0.5	0.0	0.0	11.4	0.0	0.0	-7.3
2507	618825.72	4778208.69	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	68.1	5.8	-0.5	0.0	0.0	10.6	0.0	18.8	-25.9
2507	618825.72	4778208.69	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	68.1	5.8	-0.5	0.0	0.0	10.6	0.0	18.8	-25.9
2507	618825.72	4778208.69	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	68.1	5.8	-0.5	0.0	0.0	10.6	0.0	18.8	-25.9
2513	618825.72	4778208.69	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	68.0	5.8	-0.5	0.0	0.0	7.4	0.0	19.0	-22.7
2513	618825.72	4778208.69	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	68.0	5.8	-0.5	0.0	0.0	7.4	0.0	19.0	-22.7
2513	618825.72	4778208.69	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	68.0	5.8	-0.5	0.0	0.0	7.4	0.0	19.0	-22.7
2520	618825.72	4778208.69	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.8	-0.5	0.0	0.0	4.5	0.0	18.5	-19.1
2520	618825.72	4778208.69	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.8	-0.5	0.0	0.0	4.5	0.0	18.5	-19.1
2520	618825.72	4778208.69	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.8	-0.5	0.0	0.0	4.5	0.0	18.5	-19.1
2526	618825.72	4778208.69	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	68.2	5.9	-0.6	0.0	0.0	12.7	0.0	17.0	-26.4
2526	618825.72	4778208.69	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	68.2	5.9	-0.6	0.0	0.0	12.7	0.0	17.0	-26.4
2526	618825.72	4778208.69	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	68.2	5.9	-0.6	0.0	0.0	12.7	0.0	17.0	-26.4
2533	618825.72	4778208.69	192.98	1	D	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.7	-0.5	0.0	0.0	4.5	0.0	29.0	-29.5
2533	618825.72	4778208.69	192.98	1	N	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.7	-0.5	0.0	0.0	4.5	0.0	29.0	-29.5
2533	618825.72	4778208.69	192.98	1	E	A	84.7	0.0	-7.8	0.0	0.0	67.8	5.7	-0.5	0.0	0.0	4.5	0.0	29.0	-29.5

vert. Area Source, ISO 9613, Name: "Pump Building Bay Door (Open)", ID: "!03!S17B"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2660	618793.41	4778226.96	193.94	0	DEN	A	66.7	6.3	0.0	0.0	0.0	68.1	6.9	-0.1	0.0	0.0	23.4	0.0	0.0	-25.3
2667	618793.41	4778226.96	193.94	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	-0.2	0.0	0.0	23.7	0.0	25.5	-51.4
2671	618793.41	4778226.96	193.94	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	-0.2	0.0	0.0	23.8	0.0	19.1	-45.1
2678	618793.41	4778226.96	193.94	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	-0.2	0.0	0.0	13.4	0.0	1.1	-16.7
2685	618793.41	4778226.96	192.94	0	DEN	A	66.7	6.3	0.0	0.0	0.0	68.1	6.9	-0.2	0.0	0.0	23.6	0.0	0.0	-25.5
2691	618793.41	4778226.96	192.94	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	-0.2	0.0	0.0	23.9	0.0	25.3	-51.3
2698	618793.41	4778226.96	192.94	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	-0.2	0.0	0.0	23.9	0.0	18.9	-45.0
2705	618793.41	4778226.96	192.94	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	-0.2	0.0	0.0	15.5	0.0	1.1	-18.8
2711	618793.41	4778226.96	191.94	0	DEN	A	66.7	6.3	0.0	0.0	0.0	68.1	6.9	0.2	0.0	0.0	23.6	0.0	0.0	-25.7
2718	618793.41	4778226.96	191.94	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	0.1	0.0	0.0	23.9	0.0	24.9	-51.2
2724	618793.41	4778226.96	191.94	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	0.1	0.0	0.0	23.9	0.0	18.9	-45.3
2732	618793.41	4778226.96	191.94	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	0.1	0.0	0.0	17.1	0.0	1.1	-20.7
2832	618793.41	4778226.96	191.19	0	DEN	A	66.7	3.3	0.0	0.0	0.0	68.1	6.9	0.5	0.0	0.0	23.4	0.0	0.0	-29.0
2839	618793.41	4778226.96	191.19	1	DEN	A	66.7	3.3	0.0	0.0	0.0	68.3	7.0	0.5	0.0	0.0	23.8	0.0	24.5	-54.2
2846	618793.41	4778226.96	191.19	1	DEN	A	66.7	3.3	0.0	0.0	0.0	68.3	7.0	0.5	0.0	0.0	23.8	0.0	18.9	-48.6
2852	618793.41	4778226.96	191.19	1	DEN	A	66.7	3.3	0.0	0.0	0.0	68.3	7.0	0.5	0.0	0.0	18.0	0.0	1.1	-25.1

vert. Area Source, ISO 9613, Name: "Pump Building Bay Door (Open)", ID: "!03!S17A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2737	618791.89	4778221.56	192.91	0	DEN	A	66.7	6.3	0.0	0.0	0.0	68.1	6.9	-0.2	0.0	0.0	23.4	0.0	0.0	-25.3

vert. Area Source, ISO 9613, Name: "Pump Building Bay Door (Open)", ID: "!03!S17A"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2744	618791.89	4778221.56	192.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	-0.2	0.0	0.0	23.9	0.0	25.2	-51.3
2749	618791.89	4778221.56	192.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.4	7.0	-0.2	0.0	0.0	23.9	0.0	18.9	-45.1
2754	618791.89	4778221.56	192.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.1	6.9	-0.2	0.0	0.0	23.9	0.0	06.1	-132.0
2761	618791.89	4778221.56	192.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	-0.2	0.0	0.0	15.5	0.0	1.1	-18.8
2768	618791.89	4778221.56	193.91	0	DEN	A	66.7	6.3	0.0	0.0	0.0	68.1	6.9	-0.1	0.0	0.0	23.3	0.0	0.0	-25.2
2774	618791.89	4778221.56	193.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	-0.2	0.0	0.0	23.7	0.0	25.4	-51.3
2781	618791.89	4778221.56	193.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.4	7.0	-0.2	0.0	0.0	23.8	0.0	19.1	-45.2
2787	618791.89	4778221.56	193.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.1	6.9	-0.2	0.0	0.0	23.7	0.0	06.4	-132.1
2794	618791.89	4778221.56	193.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	-0.2	0.0	0.0	13.5	0.0	1.1	-16.7
2801	618791.89	4778221.56	191.91	0	DEN	A	66.7	6.3	0.0	0.0	0.0	68.1	6.9	0.2	0.0	0.0	23.4	0.0	0.0	-25.6
2807	618791.89	4778221.56	191.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	0.1	0.0	0.0	23.9	0.0	24.8	-51.2
2813	618791.89	4778221.56	191.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.4	7.0	0.1	0.0	0.0	23.9	0.0	18.9	-45.3
2818	618791.89	4778221.56	191.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.1	6.9	0.1	0.0	0.0	23.9	0.0	05.8	-131.9
2825	618791.89	4778221.56	191.91	1	DEN	A	66.7	6.3	0.0	0.0	0.0	68.3	7.0	0.1	0.0	0.0	17.1	0.0	1.1	-20.7
2860	618791.89	4778221.56	191.16	0	DEN	A	66.7	3.3	0.0	0.0	0.0	68.1	6.9	0.5	0.0	0.0	23.3	0.0	0.0	-28.9
2865	618791.89	4778221.56	191.16	1	DEN	A	66.7	3.3	0.0	0.0	0.0	68.3	7.0	0.5	0.0	0.0	23.8	0.0	24.4	-54.1
2871	618791.89	4778221.56	191.16	1	DEN	A	66.7	3.3	0.0	0.0	0.0	68.4	7.0	0.5	0.0	0.0	23.8	0.0	18.9	-48.7
2877	618791.89	4778221.56	191.16	1	DEN	A	66.7	3.3	0.0	0.0	0.0	68.1	6.9	0.5	0.0	0.0	23.8	0.0	05.4	-134.8
2885	618791.89	4778221.56	191.16	1	DEN	A	66.7	3.3	0.0	0.0	0.0	68.3	7.0	0.5	0.0	0.0	18.0	0.0	1.1	-25.1

vert. Area Source, ISO 9613, Name: "Pump Building Bay Door (Open)", ID: "!03!S18"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2892	618819.74	4778210.71	191.92	0	DEN	A	62.1	6.3	0.0	0.0	0.0	67.7	4.1	1.3	0.0	0.0	19.9	0.0	0.0	-24.7
2898	618819.74	4778210.71	191.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	68.1	4.2	1.3	0.0	0.0	22.8	0.0	20.0	-48.0
2905	618819.74	4778210.71	191.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	68.0	4.2	1.3	0.0	0.0	22.8	0.0	27.1	-55.1
2911	618819.74	4778210.71	191.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	67.8	4.2	1.3	0.0	0.0	22.8	0.0	21.3	-49.0
2918	618819.74	4778210.71	191.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	68.3	4.3	1.3	0.0	0.0	22.8	0.0	16.7	-44.9
2924	618819.74	4778210.71	191.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	67.8	4.2	1.3	0.0	0.0	22.8	0.0	43.3	-71.0
2933	618819.74	4778210.71	192.92	0	DEN	A	62.1	6.3	0.0	0.0	0.0	67.7	4.1	0.8	0.0	0.0	19.9	0.0	0.0	-24.3
2940	618819.74	4778210.71	192.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	68.1	4.2	0.8	0.0	0.0	23.0	0.0	20.0	-47.7
2946	618819.74	4778210.71	192.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	68.0	4.2	0.8	0.0	0.0	23.0	0.0	27.5	-55.2
2952	618819.74	4778210.71	192.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	67.8	4.2	0.8	0.0	0.0	23.0	0.0	21.3	-48.8
2957	618819.74	4778210.71	192.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	68.3	4.3	0.8	0.0	0.0	23.0	0.0	16.8	-44.7
2962	618819.74	4778210.71	192.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	67.8	4.2	0.8	0.0	0.0	23.0	0.0	43.7	-71.1
2971	618819.74	4778210.71	193.92	0	DEN	A	62.1	6.3	0.0	0.0	0.0	67.7	4.1	0.8	0.0	0.0	19.7	0.0	0.0	-24.0
2977	618819.74	4778210.71	193.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	68.1	4.2	0.8	0.0	0.0	22.8	0.0	20.3	-47.8
2984	618819.74	4778210.71	193.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	68.0	4.2	0.8	0.0	0.0	22.7	0.0	27.9	-55.3
2990	618819.74	4778210.71	193.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	67.8	4.2	0.8	0.0	0.0	22.7	0.0	21.7	-48.8
2996	618819.74	4778210.71	193.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	68.3	4.3	0.7	0.0	0.0	22.8	0.0	17.0	-44.8
3002	618819.74	4778210.71	193.92	1	DEN	A	62.1	6.3	0.0	0.0	0.0	67.8	4.2	0.8	0.0	0.0	22.7	0.0	44.1	-71.2
3203	618819.74	4778210.71	191.17	0	DEN	A	62.1	3.3	0.0	0.0	0.0	67.7	4.1	1.8	0.0	0.0	21.9	0.0	0.0	-30.1
3209	618819.74	4778210.71	191.17	1	DEN	A	62.1	3.3	0.0	0.0	0.0	68.1	4.2	1.8	0.0	0.0	22.6	0.0	20.1	-51.4
3216	618819.74	4778210.71	191.17	1	DEN	A	62.1	3.3	0.0	0.0	0.0	68.0	4.2	1.8	0.0	0.0	22.6	0.0	26.8	-58.0
3223	618819.74	4778210.71	191.17	1	DEN	A	62.1	3.3	0.0	0.0	0.0	67.8	4.2	1.8	0.0	0.0	22.6	0.0	21.4	-52.4
3230	618819.74	4778210.71	191.17	1	DEN	A	62.1	3.3	0.0	0.0	0.0	68.3	4.3	1.8	0.0	0.0	22.6	0.0	16.6	-48.2
3236	618819.74	4778210.71	191.17	1	DEN	A	62.1	3.3	0.0	0.0	0.0	67.8	4.2	1.8	0.0	0.0	22.6	0.0	43.0	-74.0

vert. Area Source, ISO 9613, Name: "Skimmer Building Bay Door (Open)", ID: "!03!S19"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3010	618840.14	4778191.09	192.38	0	DEN	A	62.9	4.8	0.0	0.0	0.0	67.4	3.6	0.4	0.0	0.0	3.8	0.0	0.0	-7.5
3016	618840.14	4778191.09	192.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.1	3.8	0.3	0.0	0.0	23.6	0.0	16.6	-44.8
3022	618840.14	4778191.09	192.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.0	3.7	0.3	0.0	0.0	23.5	0.0	18.9	-46.8
3028	618840.14	4778191.09	192.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.7	3.6	0.3	0.0	0.0	13.3	0.0	19.7	-37.0
3034	618840.14	4778191.09	192.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.4	3.6	0.4	0.0	0.0	4.0	0.0	11.9	-119.6
3041	618840.14	4778191.09	192.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.4	3.8	0.3	0.0	0.0	23.6	0.0	16.0	-44.4
3046	618840.14	4778191.09	192.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.7	3.6	0.3	0.0	0.0	3.9	0.0	18.7	-26.6
3054	618840.14	4778191.09	191.38	0	DEN	A	62.9	4.8	0.0	0.0	0.0	67.4	3.6	1.0	0.0	0.0	4.1	0.0	0.0	-8.4
3061	618840.14	4778191.09	191.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.1	3.8	1.0	0.0	0.0	23.4	0.0	16.6	-45.2
3069	618840.14	4778191.09	191.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.0	3.7	1.0	0.0	0.0	23.3	0.0	19.0	-47.3
3076	618840.14	4778191.09	191.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.7	3.6	1.0	0.0	0.0	14.1	0.0	20.2	-39.0
3082	618840.14	4778191.09	191.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.4	3.6	1.0	0.0	0.0	4.2	0.0	11.9	-120.5

vert. Area Source, ISO 9613, Name: "Skimmer Building Bay Door (Open)", ID: "!03!S19"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3089	618840.14	4778191.09	191.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.4	3.8	1.0	0.0	0.0	23.4	0.0	16.0	-44.9
3095	618840.14	4778191.09	191.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.7	3.6	1.0	0.0	0.0	4.1	0.0	18.5	-27.3
3103	618840.14	4778191.09	193.38	0	DEN	A	62.9	4.8	0.0	0.0	0.0	67.4	3.6	0.2	0.0	0.0	3.8	0.0	0.0	-7.4
3110	618840.14	4778191.09	193.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.1	3.8	0.1	0.0	0.0	23.6	0.0	16.7	-44.8
3116	618840.14	4778191.09	193.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.0	3.7	0.2	0.0	0.0	23.6	0.0	19.0	-46.7
3122	618840.14	4778191.09	193.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.7	3.6	0.2	0.0	0.0	12.0	0.0	19.5	-35.4
3129	618840.14	4778191.09	193.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.4	3.6	0.2	0.0	0.0	4.0	0.0	11.5	-119.1
3136	618840.14	4778191.09	193.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.4	3.8	0.1	0.0	0.0	23.6	0.0	16.1	-44.4
3142	618840.14	4778191.09	193.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.7	3.6	0.2	0.0	0.0	4.0	0.0	18.7	-26.5
3150	618840.14	4778191.09	194.38	0	DEN	A	62.9	4.8	0.0	0.0	0.0	67.4	3.6	0.3	0.0	0.0	3.8	0.0	0.0	-7.4
3157	618840.14	4778191.09	194.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.1	3.8	0.2	0.0	0.0	23.5	0.0	16.9	-44.8
3164	618840.14	4778191.09	194.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.0	3.7	0.2	0.0	0.0	23.4	0.0	19.2	-46.8
3171	618840.14	4778191.09	194.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.7	3.6	0.3	0.0	0.0	10.4	0.0	19.3	-33.7
3178	618840.14	4778191.09	194.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.4	3.6	0.3	0.0	0.0	4.0	0.0	11.2	-118.8
3185	618840.14	4778191.09	194.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	68.4	3.8	0.2	0.0	0.0	23.5	0.0	16.2	-44.5
3192	618840.14	4778191.09	194.38	1	DEN	A	62.9	4.8	0.0	0.0	0.0	67.7	3.6	0.3	0.0	0.0	4.0	0.0	18.7	-26.6