

Appendix G

Acoustic Impact Assessment Report



**PORT FUELS &
MATERIALS SERVICES, INC**
HAMILTON ENERGY-FROM-WASTE PROJECT

ACOUSTIC IMPACT ASSESSMENT REPORT



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Section 1.0 Introduction

This Acoustic Impact Assessment Report has been prepared by Conestoga Rovers & Associates (CRA) on behalf of Leveraged Green Energy LP (LGE), for Port Fuels & Materials Services Inc. (PFMSI), a subsidiary of LGE. PFMSI is proposing to design, construct, and operate a facility that will utilize a combination of Gasplasma® and gasification and conventional Direct Plasma to process waste materials that would otherwise be landfilled or disposed of using conventional disposal technologies. The proposed Energy-From-Waste (EFW) facility will, in addition to providing full recovery of recyclable materials, will produce energy with the Gasplasma® process to support its own energy requirements, with excess energy supplied for sale to the local distribution grid or for internal use within Hamilton Port Authority (HPA). The EFW facility will also provide enhanced metals/minerals recovery and provide treatment of inorganic waste, such as contaminated soils and/or low-calorific value waste by utilizing the integrated Direct Plasma system. The EFW facility will receive and process up to 170,000 tonnes per year of non-hazardous waste using the Gasplasma® process and 30,000 tonnes per year using the direct plasma process.

The Gasplasma® process is an advanced thermal conversion technology developed to treat wastes and convert them into synthetic gas (syngas) and electrical energy. The core technology is the conversion of waste materials to a clean syngas that can be used directly for production of heat, for the generation of electricity, or to substitute for natural gas. The Gasplasma® process is an energy efficient process, minimizing energy inputs through innovative process design, and capturing excess energy for re-utilization. Gasplasma® technology has the capability to process a wide variety of waste streams, and for the purposes of this undertaking, the EFW facility would receive a mix of industrial, commercial, and institutional (ICI) waste, construction and demolition waste (C&D), biomass, biosolids, non-recyclable tire residue, municipal solid waste (MSW), and other non-hazardous waste streams.

The Direct Plasma process is essentially similar technology to the Gasplasma® system but uses the second component of the process (i.e., plasma), and will be used for metal recovery and disposal of inorganic materials.

This report documents the following as it relates to the Acoustic environment:

- Baseline/existing conditions (i.e., what exists in absence of the proposed project)
- Potential effects on the environment, mitigation measures and net effects
- Future monitoring requirements to be implemented

The Study Areas reviewed for the Acoustic assessment was as follows:

- **On-Site** – the site itself, which is the 17 acre parcel of leased land on Pier 15 in the Port of Hamilton.
- **Site-Vicinity** – the lands in the vicinity of the site extending approximately 1 kilometre (km) in all directions. The Ministry of the Environment and Climate Change (MOECC) Noise Screening Process Questionnaire¹ requires that industries with a significant potential environmental noise impact to evaluate the off-site noise exposure for sensitive receiver locations such as residential dwellings or institutions up to 1 km from the site; the noise impact beyond 1 km is expected to be environmentally insignificant in comparison.

Section 2.0 Screening Process and Criteria Checklist

2.1 Screening Process

In March of 2007, the Ontario Government enacted Ontario Regulation (O. Reg.) 101/07, the Waste Management Projects Regulation, made under the *Ontario Environmental Assessment Act (EA Act)*. The purpose of the regulation was to bring some types of private sector waste projects under the *EA Act* and to establish new environmental assessment requirements for waste projects consistent with the potential significance of such projects. O. Reg. 101/07 provides for three waste project environmental assessment processes:

1. Projects exempt from Part II of the *EA Act*. Such projects are generally of small scale and are known, through past experience, to have insignificant environmental effects.
2. Projects exempt from Part II of the *EA Act*, subject to the legal requirement of completion of the Environmental Screening Process. Such projects are of moderate scale and are considered to have predictable environment effects that can be readily reduced to acceptable levels through the application of mitigation measures.
3. Projects designated under the *EA Act* that must undergo an individual environmental assessment. Such projects tend to be complex and major in scale with potentially far-reaching environmental effects requiring significant levels of assessment and mitigation.

The proposed undertaking by PFMSI is a moderate scale project identified under O. Reg. 101/07 as one that is exempt from Part II of the *EA Act* subject to completion of the Environmental

¹ Noise Screening Process for s.9 Applications - Supplement to Application for Approval, PIB:4871e, February 18, 2005

Screening Process. As such, PFMSI has chosen to assess the project under the available Environmental Screening Process.

This Acoustic Impact Assessment Report has been prepared in accordance with the requirements for a project which is being carried out under the Environmental Screening Process (O. Reg. 101/07 & Guide to Environmental Assessment Requirements for Waste Management Projects). An Environmental Screening is an approvals process for projects that have predictable environmental effects that can be readily mitigated. This report will form an appendix to the overall Environmental Screening Report, which will be prepared and released for public and agency review.

2.2 Screening Criteria Checklist

At the beginning of the Environmental Screening, the Screening Criteria Checklist (provided as Schedule I, pp 62 – 64, to the "Guide to Environmental Assessment Requirements for Waste Management Projects") is to be completed based on the information provided in the Project Description. The Screening Criteria reflect the broad definition of "environment" contained in the *Ontario Environmental Assessment Act*.

As noted in the Guide:

"The Screening Criteria are presented in the form of a checklist with the option of a "Yes" or "No" response. Mitigation measures **are not** to be considered in concluding whether there is "No" potential environmental effect. That is, the proponent is required to answer "Yes" even if the proponent believes that a potential environmental effect could likely be mitigated. The reason for requiring a "Yes" is to ensure that mitigation measures are open to discussion and review. Another reason for this approach is that further discussion and review of a potential effect may reveal that there is no actual effect, in which case no mitigation is required. Where a "yes" has been identified, the proponent is to provide additional information in the Environmental Screening Report, explaining the potential effect(s), methods to mitigate or address the effect(s), any net effects that are anticipated and if so, their significance. Even where the proponent indicates that no environmental effects are anticipated, it is recommended that additional information is provided in the Environmental Screening Report in order to support the "no effects" conclusion".

Each criterion is based on a question which is prefaced with the phrase, "**Might the Project...**" The table below was completed as the first step of the Environmental Screening Process and is a summary of the criterion for the Acoustic discipline:

	<i>Acoustic Criterion</i>	<i>YES</i>	<i>NO</i>	<i>Additional Information</i>
	Might the project...			
3.4	Cause negative effects from the emission of noise?	X		All plant operations are indoors. Relative to the site surroundings, noise levels from the Facility will be minimal and meet regulatory requirements. The Noise Study will confirm this. Most noise concerns will be from truck traffic to the site and fixed outdoor equipment. Any equipment used for moving material for production purposes would need to meet NPC-300.

Further descriptions on the criterion that answered "yes" in the Screening table are discussed in Section 4.0 of this report.

Section 3.0 Existing Conditions

The following subsections describe the existing conditions that are found within the On-Site, and Site Vicinity of the proposed project.

3.1 Methodology

3.1.1 Available Secondary Source Information Collection and Review

Available secondary sources of information were collected and reviewed by the Acoustic Study Team to determine existing Acoustic conditions within the study area(s). The following sources of secondary information were collected and reviewed:

- Acoustic Assessment Reports (AARs) – previous noise impact studies completed for adjacent industries along Burlington Street East
- Background Noise Analysis (BNA) – historic ambient monitoring data used to determine the existing acoustical conditions for the area

3.1.2 Process Undertaken

CRA reviewed the ambient noise monitoring data collected on behalf of 2 industrial facilities located to the north of Burlington Street East to characterize the ambient conditions during the

respective plant shutdowns. These facilities are in close proximity to the proposed PFMSI facility and have similar exposure to existing residences.

The historical ambient monitoring at these locations was completed for a minimum of 1 week. The monitoring was necessary in order to characterize the ambient sound environment and to estimate the background sound levels at the nearest sensitive receptors by way of direct measurement. The lowest daytime and nighttime one-hour Leq sound levels (equivalent continuous sound level for the time period under investigation) were conservatively selected from the entire data set to establish the lowest ambient background sound levels that are experienced at the nearest residences.

3.2 Description of Existing Conditions

3.2.1 Background Noise Study Results

Adjacent industrial operations and road traffic travelling along the Burlington Street East arterial road are the predominant 24-hour ambient noise sources. Highway traffic from the QEW to the east was also an influential road traffic noise source for the area.

The historical background noise studies indicated that the ambient one-hour Leq sound levels during the daytime periods ranged from 52 dBA to 56 dBA and that the nighttime periods ranged from 49 dBA to 51 dBA.

3.2.2 Ambient Character and Noise Limits for Study

The background noise studies that were reviewed demonstrate that the adjacent industry and road traffic noise are significant and elevate the ambient noise for the area.

However, the minimum MOECC noise limits defined in the Environmental Noise Guideline "Stationary and Transportation Sources – Approval and Planning" Publication NPC-300 for a Class 1 Urban Area were used for purposes of this Study as follows:

Time of Day Minimum Sound Level – Window Pane Point of Reception (POR)

7:00 a.m. to 11:00 p.m.	50 dBA
11:00 p.m. to 7:00 a.m.	45 dBA

Outdoor POR

7:00 a.m. to 7:00 p.m.	50 dBA
7:00 p.m. to 11:00 p.m.	50 dBA

An exceedance of the MOECC noise limits at a defined sensitive POR would result in a negative effect.

Field observations were used to confirm the off-site baseline noise levels in the site vicinity.

Section 4.0 Potential Effects, Mitigation Measures & Net Effects

A Project Description, which includes a Site Plan, was prepared so that potential environmental effects and mitigation measures could be identified. Figure 1 is provided as the Site Plan and the following is a general summary of the proposed undertaking:

- Total processing capacity of the Gasplasma® system will be 170,000 tonnes per year of incoming materials. The total processing capacity of the Direct Plasma system will be 30,000 tonnes per year.
- Accepted waste for the Gasplasma® system may consist of:
 - Industrial, Commercial and Institutional (IC&I²) waste
 - Construction and Demolition (C&D)
 - Refuse-Derived Fuels (RDF)
 - Municipal Solid Waste (MSW)
 - Biomass (clean wood, leaf and yard waste, agricultural materials)
 - Biosolids (limited to 15% of total waste input)
 - Tires (limited to 20% of total waste input)
 - Liquid wastes streams
- Accepted waste for the Direct Plasma system may consist of:
 - Scrap metals with precious residues for recovery
 - Contaminated soils
- The primary areas and building structures at the site will include the following:
 - Roadways around the site for delivery of waste and reagents and for removal of product from the Site. The roadways will include provision for vehicle queuing.
 - Inbound and outbound weigh scales with scale house

² It should be noted that IC&I is a source of waste originating from the IC&I sectors and is not a waste category. IC&I falls under the definition of Municipal Solid Waste (MSW) as per O. Reg 347, which states: "(a) Any waste, whether or not it is owned, controlled or managed by a municipality, except hazardous waste, liquid industrial waste or gaseous waste and solid fuel, whether or not it is waste, that is derived in whole or in part from the waste included in clause (a)."

- Administrative support offices and employee and visitor parking
- Main processing areas for Gasplasma® system:
 - Building to house the waste reception, fuel preparation area and material recovery facility (MRF), and RDF storage areas
 - Building to house the fluidized bed gasifier (FBG) and plasma converter
 - Control room (part of main processing facility)
- Direct Plasma system facilities
- Ancillary facilities including:
 - Power transformation/ distribution
 - Plasma converter maintenance building
 - Plasmarok® cooling and storage area
 - Power island (gas engines)
 - Syngas cooling and cleaning system
 - Air Pollution Control (APC) system
 - Oxygen and nitrogen generation plant
 - Water and wastewater treatment facilities
 - Stormwater management system
 - Rail transport facilities
- Waste may be received up to 282 business days per year (6 days a week, excludes statutory holidays and planned facility shutdowns)
- The Gasplasma® system may receive up to 1,200 tonnes of waste per day, but is expected to receive, on average, 605 tonnes per regular business day
- The Direct Plasma system may receive up to 220 tonnes of waste per day, but is expected to receive, on average, 110 tonnes per regular business day
- Feedstock will come via truck, rail, or barge. Plasmarok® and any other by-products may be removed via truck, railcar, and barge.
- The Gasplasma® process is an advanced thermal conversion technology developed to treat waste streams and to convert them into synthetic gas (syngas) and a solid non-leachable commercial product. The Gasplasma® system is comprised of four distinct processes:
 - Fuel Preparation
 - o Waste is sorted and separated to remove undesirable materials (such as inert materials), recover valuable recyclable material, and to reduce the size of the wastes to the appropriate design size where it can be efficiently processed within the gasification process

- o The final material passing through the MRF equipment is directed to a wet-RDF storage area to undergo steam drying prior to storage as dry-RDF
- Syngas Production
 - o Preprocessed waste (RDF) is fed into the FBG along with steam and oxygen to convert the materials into a crude syngas
 - o The crude syngas is then passed into a separate plasma converter. The intense heat from the plasma arc and the ultraviolet light of the plasma cracks the hydrocarbons in the crude syngas to produce a clean syngas.
 - o The inorganic by-products from the FBG and plasma converter are vitrified
- Syngas Cleaning
 - o The gas cooling system comprises a heat recovery boiler designed to reduce syngas temperatures from approximately 1,200°C to 160°C and generate saturated steam. The steam generated is used in the Gasplasma® process and for RDF drying. Surplus steam may be used for onsite heating needs or exported off-site for other users.
 - o The dry gas cleaning system, operates between 150°C to 180°C and removes fine particulate materials from the syngas stream, neutralizes acid gases, and captures heavy metals
 - o From the dry gas cleaning system, the syngas is further cooled by direct contact with scrubbing liquor in a condenser scrubber. The unit will be used to drop the syngas temperature to approximately 35°C and will operate as an acid scrubber to absorb ammonia. Supplemental wet gas cleaning systems utilizing alkali and acid scrubbers may be utilized to further enhance gas cleaning.
 - o The syngas leaving the wet gas cleaning system is clean syngas ready for use in power generation
- Power Generation
 - o The power island is fed by the clean syngas from the gas cleaning system and generates electrical power from the combustion of clean syngas in gas engines or turbines and the generation of steam from cooling the engine exhaust gas. At maximum capacity, the Facility will produce up to 20 megawatt electrical (MWe) with approximately 15 MWe available for sale to the electrical distribution grid.
- The Direct Plasma utilizes the intense heat from the plasma arc to breakdown the feedstock, separating precious metals/materials from the binding/carrier material (i.e., precious metal dust from steel shavings or turnings)
- Water Treatment System – Clean potable water will be supplied by the City of Hamilton's potable water system. Based on the water quality, treatment of the water may be required

prior to its use as boiler feed water or for chemical mixing/dilution within the treatment systems.

- Process Water Treatment System – All process water, leachate, and wash waters will be collected and treated in an on-site wastewater treatment plant (WWTP) to meet the City of Hamilton's sewer-use by-law before discharged to the sanitary system
- Air Ventilation System
- APC System – The building will be maintained under negative pressure to prevent fugitive emission of odour or dust. An APC system will be used to treat all air emissions prior to release to the atmosphere. A Continuous Emission Monitoring System will be in place to monitor exhaust flue gases from the thermal oxidizer and the power island.
- Stormwater – Stormwater will be collected and directed at a central oil/grit separator prior to discharge into the local HPA private storm sewer system

4.1 Methodology and Investigations

The assessment of effects associated with the proposed undertaking was undertaken through a series of steps that is based, in part, on the description of existing conditions as well as the Project Description and Site Plan. The assessment of effects was also undertaken within the context of the previously completed Screening Criteria Checklist, as summarized in Section 2.0 of this report.

The cumulative off-site environmental noise impact from the proposed Port Fuels Facility was evaluated based on the proposed design concepts and sound level data provided for significant indoor and outdoor mechanical and process equipment. The Ontario industry standard Acoustical Modeling Software CADNA A, version 4.4, was used for the environmental noise analysis. The model calculates sound level emissions and propagation based on the ISO 9613-2 standard "Acoustics – Attenuation of Sound During Propagation Outdoors – Part 2: General Method of Calculation".

The Facility is expected to be a significant source of steady state noise from the industrial operations on-site. Rail car impulses that are generated during flat-switching activities on-site were also evaluated. There are no vibration sources anticipated at the Facility based on the proposed Project Description.

The environmental noise analysis was based on the principal of the predictable worst-case, meaning that all on-site activities are simultaneously included to define the maximum off-site noise impact from the Facility and when the background noise conditions are at a minimum.

The off-site noise impact is also defined in terms of the 1-hour Leq for direct comparison to the appropriate noise limits for compliance assessment purposes. The noise model included attenuation effects due to geometric divergence, atmospheric attenuation, barriers/berms, ground absorption and directivity, as applicable for all significant noise sources. The on-site buildings were input as intervening and reflective structures at the appropriate height.

Indoor equipment was evaluated as breakout noise emitted from building façades and roof-tops. The building façade and roof construction was provided to CRA as either 24-gauge sheet steel and/or 12" concrete and the model utilized the corresponding transmission loss and absorption coefficient values for that construction.

Indoor equipment and environmental noise source locations and building dimensions were evaluated in the model according to the project description and site plan.

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

The worst-case sensitive PORs are:

- POR1 – nearest façade of a two-storey residence on Burlington Street East approximately 673 metres (m) south east of the site (4.5 m above grade [AG])
- POR2 – nearest façade of a two-storey residence on Sherman Avenue North approximately 600 m south of the site (4.5 m AG)
- POR3 – nearest façade of a two-storey residence on McKinstry Street approximately 622 m south east of the site (4.5 m AG)

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

All POR locations within 1,000 m of the Facility were considered; however, the noise impact at only the worst-case and most exposed PORs are presented herein.

The cumulative day and nighttime environmental noise impact predicted at all residential dwellings is at or below the minimum and most stringent MOECC NPC-300 nighttime noise limit of 45 dBA.

Table 1A Acoustic Assessment Summary - Steady State Sound Levels

<i>Receptor ID</i>	<i>Proposed Facility Operations</i>			
	<i>Daytime Impact</i>	<i>MOECC Limit</i>	<i>Nighttime Impact</i>	<i>MOECC Limit</i>
POR1	43.8 (dBA)	50 (dBA)	43.8 (dBA)	45 (dBA)
POR2	44.9 (dBA)	50 (dBA)	44.9 (dBA)	45 (dBA)
POR3	43.4 (dBA)	50 (dBA)	43.4 (dBA)	45 (dBA)

Table 1B Acoustic Assessment Summary - Impulse Sound Levels

<i>Receptor ID</i>	<i>Proposed Facility Rail Operations</i>			
	<i>Daytime Impact</i>	<i>MOECC Limit</i>	<i>Nighttime Impact</i>	<i>MOECC Limit</i>
POR1	45.7 (dBAI)	70 (dBAI)	45.7 (dBAI)	65 (dBAI)
POR2	59.9 (dBAI)	70 (dBAI)	59.9 (dBAI)	65 (dBAI)
POR3	55.4 (dBAI)	70 (dBAI)	55.4 (dBAI)	65 (dBAI)

4.2 Acoustic Net Effects

This Section provides an assessment of the potential negative environmental effects (i.e., those for which a "yes" answer was given in the Screening Criteria Checklist) for those Acoustic criteria which might be affected by the project as identified in Section 2.0. The effects assessment describes how existing environmental conditions in the Study Area(s) would change as a result of the construction and operation of the proposed undertaking.

As described in Section 2.0, a "yes" was applied to the following Acoustic criteria:

- 3.1 Cause negative effects from the emission of noise?

With respect to the above criteria, a description of the potential negative environmental effects, necessary mitigation measures and the resultant net effects on the environment are discussed. Studies conducted during the screening showed that the anticipated effects will be much less than expected or will not occur at all. In all cases, impact management (mitigation) measures have been identified that, when applied, will eliminate the potential environmental effects or reduce them to acceptable levels.

4.2.1 Potential Effects on Acoustic Environment

The total facility noise contribution is expected to be below the minimum MOECC nighttime noise limit (45 dBA) and therefore have no potential effects at the off-site PORs.

4.2.2 Mitigation Measures

The proposed steady state sound levels estimated at the PORs are summarized in Table 1A. The attenuated sound levels estimated at all PORs meet the applicable limits for steady state noise sources based on upgraded building construction materials:

- The following buildings roofs will be constructed of a typical sandwich-type flat roof construction comprised of 18 gauge corrugated sheet steel, 4" rigid insulation and a 60 mil roofing membrane:
 - Wet RDF Storage Building
 - Waste Storage Building
 - O2/N2 Building

This roof construction is estimated to provide a transmission loss equivalent to an STC rating of 36 or 10-gauge sheet steel.

- The following buildings walls will be constructed of 18 gauge corrugated sheet steel or material with an STC rating of 35:
 - Wet RDF Storage Building – Upper Portion of South Wall (4 m AG-14 m AG)
 - Waste Storage Building – Upper Portion of South Wall (4 m AG-14 m AG)
 - Waste Storage Building – Upper Portion of West Wall (4 m AG-14 m AG)

Discrete noise control measures are necessary for ID Fan #1 & ID Fan #2 (sIDFan1 to sIDFan2).

Each ID Fan will be fitted with a complete acoustic enclosure that provides the necessary acoustic performance reductions and suitable intake and exhaust silencers will be installed to maintain the acoustic performance requirements if the enclosure requires ventilation.

Noise control measures are necessary for seven engine exhausts of the Engine Building that will exit through the engine exhaust stack (A8 Engine Exhaust Stack). The exhausts of each of the seven engines within the Engine Building will be fitted with a suitable silencer.

The radiator exhausts (EngineRad1-7) of each of the seven engines within the Engine Building will be fitted with a suitable silencer.

The 800 kw Emergency Generator will be housed in a complete acoustic enclosure complete with exhaust and intake silencer (as necessary) to meet the sound level specified of 85 dBA at 1 m.

The noise controls will be installed during construction and prior to start-up.

4.2.3 Net Effects

The current residents experience existing environmental noise from Burlington Street and QEW road traffic as well as surrounding industrial facilities. Based on previous monitoring studies, the urban acoustic character of the site experiences ambient sound level conditions that range from 49 dBA to 56 dBA.

The preliminary design concept and the mitigation measures detailed above provide sufficient noise control to achieve the most stringent MOECC noise limits. The worst-case noise impact from the proposed facility will be 44.9 dBA and 59.9 dBAI, for steady state and impulse noise, respectively, which is well below the existing noise levels in the Study Area and MOECC guidelines.

Section 5.0 Monitoring Requirements and Additional Approvals

To ensure that the mitigation measures identified in Section 4 are implemented as envisioned, a strategy and schedule was developed for monitoring environmental effects. With these mitigation measures and monitoring requirements in mind, commitments have also been proposed for ensuring that they are carried out as part of the construction, operation, and maintenance of the proposed undertaking.

5.1 Monitoring Requirements

As part of the MOECC Environmental Compliance Approval (ECA) process an Acoustic Audit condition may be written into the ECA document that will require an independent 3rd party Audit verify that the Facility meets the minimum MOECC noise limits as applicable for each point-of-reception. An informal acoustic survey should be completed to confirm Facility construction and noise controls were installed as per the preliminary design and that the off-site noise impacts are below the MOECC criteria.

5.2 Additional Approvals

PFMSI will be required to apply for an MOECC ECA for the Facility to demonstrate compliance with Section 9 of the Environmental Protection Act and MOECC NPC-300 noise guidelines. Noise emissions from an industry are a contaminant under the EPA and an Acoustic Assessment Report (AAR) is prepared to document the noise emissions and overall compliance status in support of the ECA. The MOECC review and approval process can be lengthy and an application

should be prepared and submitted in parallel or shortly after the EA submission and review process is underway.

Section 6.0 Conclusion

The off-site environmental noise impacts from the steady state noise sources are summarized in **Table 3** and **Table 4**, respectively, of **Appendix A**. The off-site noise impacts are compared against the applicable MOECC criteria. The attenuated off-site impacts confirm that the receptors located beyond the Study Area will experience lower environmental impacts than the receivers selected as the most-exposed worst-case.

The Facility attenuated noise impacts were compared against the minimum exclusionary MOECC sound level limits established in accordance with NPC-300. The proposed Facility's noise levels meet the MOECC NPC-300 noise limits at all receptors pending the completion of the noise controls to be implemented during construction of the facility. The AAR and noise controls are subject of MOECC review and approval.

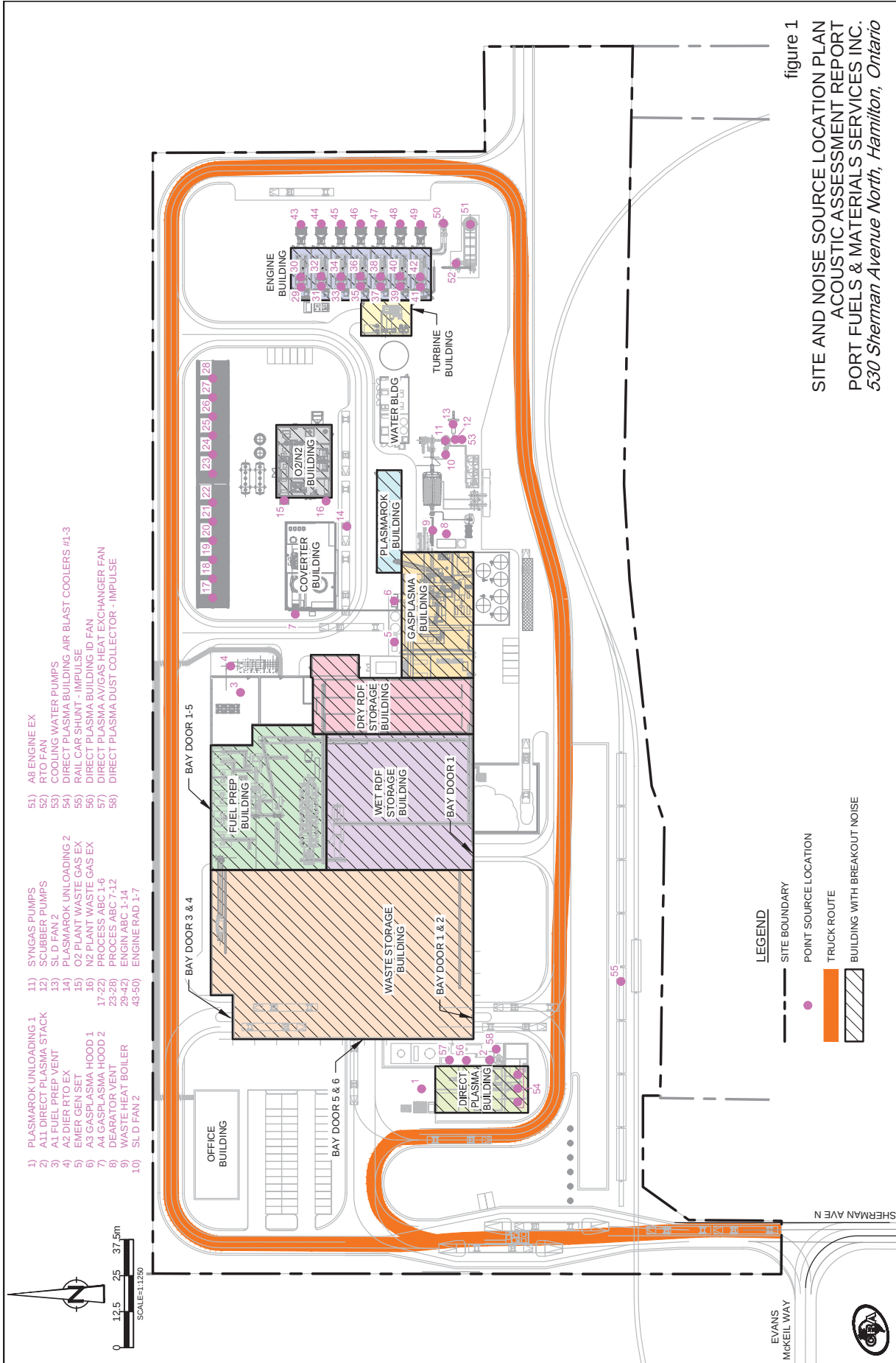
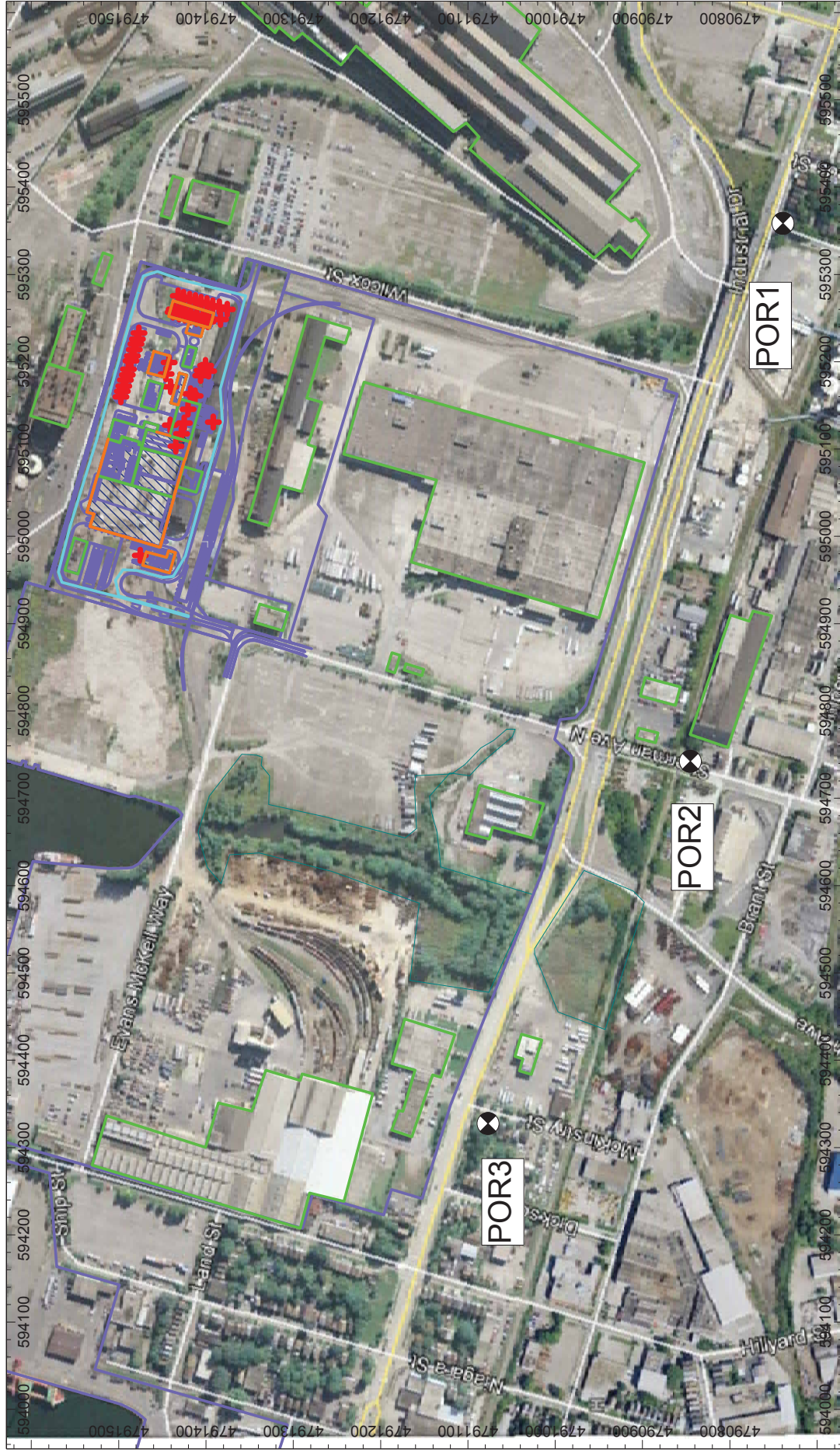


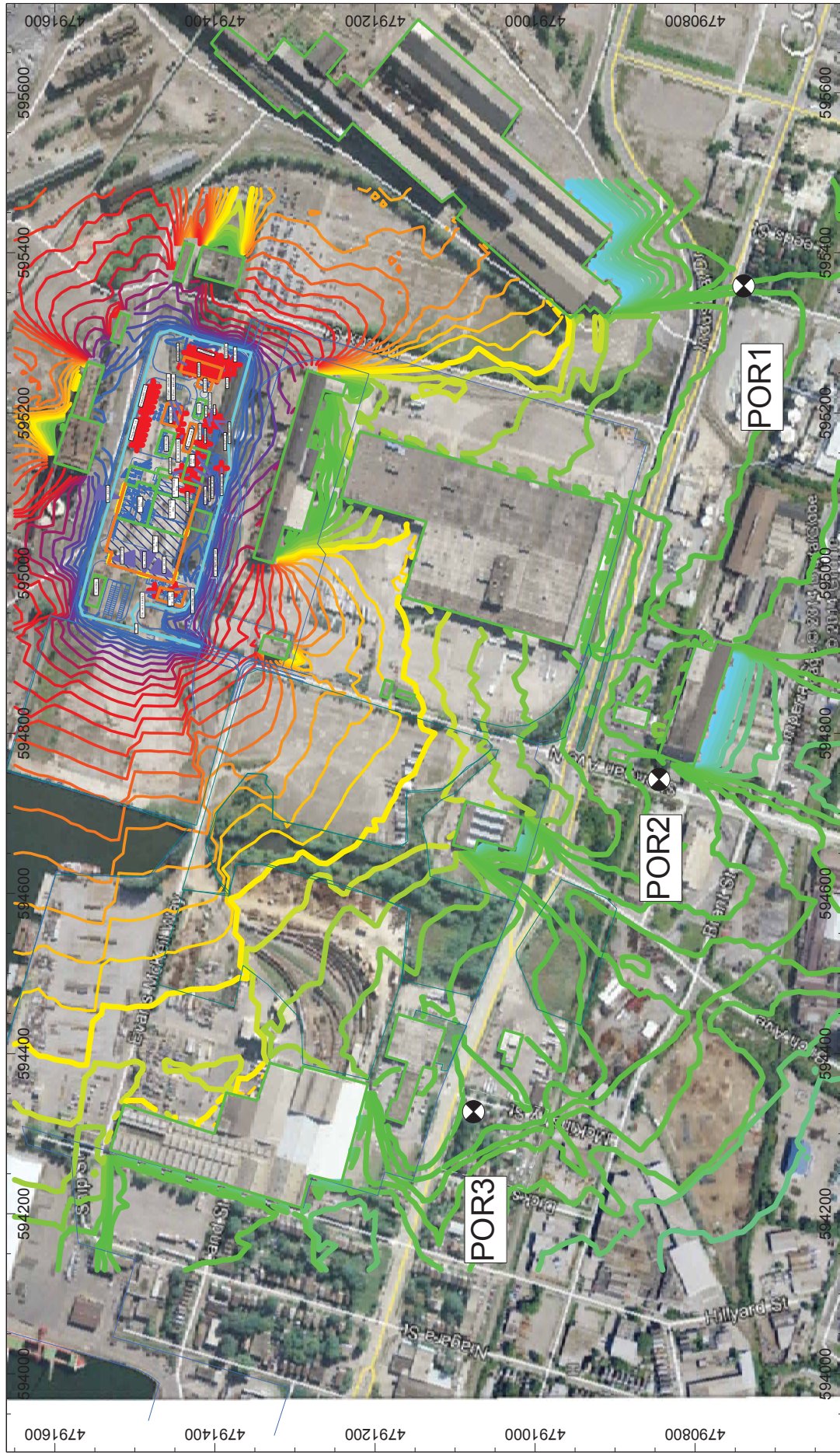
figure 1
SITE AND NOISE SOURCE LOCATION PLAN
ACOUSTIC ASSESSMENT REPORT
PORT FUELS & MATERIALS SERVICES INC.
530 Sherman Avenue North, Hamilton, Ontario



ACOUSTIC ASSESSMENT REPORT
PORT FUELS & MATERIALS SERVICES INC. - HAMILTON, ONTARIO

FIGURE 2
POINT-OF-RECEPTION LOCATION PLAN

Point Source - Line Source - Area Source - vert. Area Source - Building - Cylinder - Barrier - Ground Absorption - Receiver	◆ ▬ ▨ ▨ ▬ ○ ▬ ▬ ⊗
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ACOUSTIC ASSESSMENT REPORT
PORT FUELS & MATERIALS SERVICES INC. - HAMILTON, ONTARIO

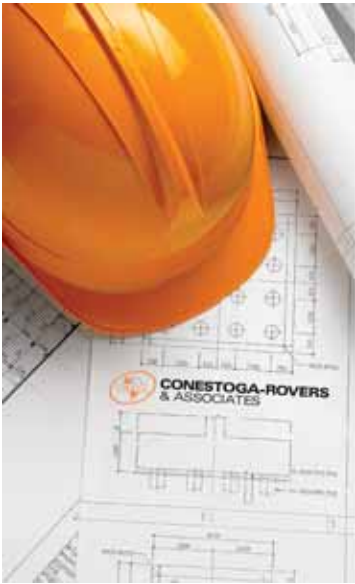
FIGURE 3
NOISE CONTOUR PLOT - 4.5' AG - A TIME

Legend:

- 30.0 dB
- 35.0 dB
- 40.0 dB
- 45.0 dB
- 50.0 dB
- 55.0 dB
- 60.0 dB
- 65.0 dB
- 70.0 dB

Appendix A

Acoustic Assessment Report



Acoustic Assessment Report

Port Fuels & Materials Services, Inc.
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Section 1.0 Introduction

Conestoga-Rovers & Associates (CRA) was retained to prepare an Acoustic Assessment Report (AAR) for the proposed Port Fuels & Materials Services (Port Fuels) Facility (Facility) to be located at 530 Sherman Avenue North in Hamilton, Ontario. The Assessment has been prepared to support of the Facility's Environmental Compliance Approval (ECA) with Limited Operational Flexibility.

The proposed Facility will be an Energy-From-Waste (EFW) plant that will receive industrial, commercial and institutional (ICI) waste, construction and demolition waste (C&D), biosolids, biomass, municipal (MSW), pre-processed tires, and other non-hazardous waste streams for conversion into RDF for a Gasplasma process and the generation of electricity to be provided to the local grid.

The AAR presented herein provides an evaluation of the potential impacts on the sensitive receptors nearest to the Facility noise sources during normal operations. The AAR was prepared consistent with the following Ministry of the Environment and Climate Change (MOECC) guidance:

- NPC-103, *"Procedures"*, August 1978
- NPC-233, *"Information to be Submitted for Approval of Stationary Sources of Sound"*, October 1995
- *"Appendix A – Supporting Information for an Acoustic Assessment Report or Vibration Assessment Report Required by a Basic Comprehensive C of A"* as specified in the MOECC guidance entitled *"Basic Comprehensive Certificates of Approval (Air) – User Guide"*, April 2004
- NPC-300, *"Stationary and Transportation Sources –Approval and Planning"*, August 2013

The Facility will be located in an area zoned for industrial use. The land use surrounding the Facility includes Residential (R) and Commercial (C) and Institutional (I) zones. A zoning map provided by the City of Hamilton is provided as Appendix A. A site plan is provided as Figure 1.

The Facility is located in an Acoustical Class 1 area defined by NPC-300 as an acoustical environment typical of a major population centre where the daytime and nighttime background noise is dominated by significant urban hum generated from vehicular traffic primarily from Burlington Street as well as surrounding industry. The topography surrounding the Facility is essentially flat.

Section 2.0 Noise Source Summary

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

The Facility will include significant mechanical equipment and processes that are located inside of buildings and will generate breakout noise emitted from building facades, rooftops and vertical lift doors.

The following equipment will contribute to breakout noise generated from the O2/N2 Building:

- One O2 Plant Machine
- One O2 Plant Process Buffer
- One N2 Plant Machine
- One N2 Plant Process Buffer

The Turbine Building includes the following dominant indoor sources:

- One Steam Turbine

The Plasmarok Building includes the following dominant indoor sources:

- One Gas Plasma Extraction System

The Direct Plasma Building includes the following dominant indoor sources:

- One Gas Plasma Extraction System
- One Conveyor System
- One Thermal Oxidizer Fan
- One Air Blast Cooler
- One Baghouse Dust Collector
- One ID Fan

The following equipment will contribute to breakout noise generated from the Wet RDF Storage Building:

- One Front End Loader
- One Bucket Loader
- One Telescopic Handler

The Dry RDF Storage Building includes the following dominant indoor sources:

- One Drier

The following equipment will contribute to breakout noise generated from the Waste Storage Building:

- One Front End Loader
- One Bucket Loader
- One Telescopic Handler

The following equipment will contribute to breakout noise generated from the Fuel Preparation Building:

- One Conveyor System
- One Fuel Preparation - Shredders Seven Engines – Mechanical Noise

Flat switching activities on-site are necessary to exchange empty and full rail cars and was evaluated as an impulse noise source.

There are no sources of vibration at the Facility.

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.

Section 3.0 Point-of-Reception Summary

The identification of appropriate sensitive point(s)-of-reception is necessary to conduct the AAR for the Facility. A "point-of-reception" is any point on the premises of a person where sound,

originating from other than those premises, is received. The point-of-reception may be located on permanent or seasonal residences, hotels/motels, nursing/retirement homes, rental residences, hospitals, campgrounds, parks, schools, cemeteries, 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 point(s)-of-reception. The worst-case point(s)-of-reception is (are) defined as the sensitive receptor(s) with the greatest potential exposure to the Facility noise sources due to proximity and direct line-of-sight exposure.

The worst-case sensitive point(s)-of-reception (POR) are:

- POR1 – nearest façade of a two-storey residence on Burlington Street East approximately 673 metres (m) south east of the site (4.5 m above grade [AG])
- POR2 – nearest façade of a two-storey residence on Sherman Avenue North approximately 600 m south of the site (4.5 m AG)
- POR3 – nearest façade of a two-storey residence on McKinstry Street approximately 622 m south east of the site (4.5 m AG)

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

All POR locations within 1,000 m of the Facility were considered; however, the noise impact at only the worst-case and most exposed PORs are presented herein.

Section 4.0 Sound Level Data

4.1 Maximum Allowable Design Data

Manufacturer's sound level data or representative data from CRA's noise library were used to evaluate the worst-case potential environmental noise impact for all proposed equipment based on the equipment lists, design data and equipment ratings and design concept provided by Port Fuels. The sound level data documented in this AAR for all process equipment must be considered the maximum allowable design values that cannot be exceeded.

The sound level data is summarized in Table C.1 of Appendix C.

4.2 Building Components as Breakout Noise Sources

The following nine buildings have significant breakout noise source potential from wall and roof components:

1. O2/N2 Building
2. Engine Room Building
3. Turbine Building
4. Direct Plasma Building
5. Plasmarok Building
6. Wet RDF Storage Building
7. Dry RDF Storage Building
8. Waste Storage Building
9. Fuel Prep. Building

Mechanical equipment and processes inside 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. Pre-engineered steel building walls and roof construction are 24-gauge (0.56 mm) fluted steel outer cladding, which was considered the minimum construction standard for the following buildings:

- O2/N2 Building
- Gasplasma Building
- Plasmarok Building
- Dry RDF Storage Building
- Fuel Prep. Building

24-gauge sheet steel will provide the following transmission loss (TL) attenuation by Octave Band:

Octave Band	31.5	63	125	250	500	1000	2000	4000	8000
TL	1	3	7	12	17	22	27	33	39

The Waste Storage and Wet RDF building walls will be constructed of different materials. The upper portions (from 4 m AG to 14 m AG) will be constructed of 24 gauge steel as detailed above. The lower wall façade construction material (from grade to 4 m AG) will be constructed of a 12" concrete push wall that will provide the following transmission loss (TL) attenuation, by Octave band:

Octave Band	31.5	63	125	250	500	1000	2000	4000	8000
TL	34	38	38	41	51	61	71	81	91

The following buildings will be constructed of a concrete building with a minimum wall and roof construction comprised of 12" concrete:

- Engine Room Building
- Turbine Building

These buildings will provide the following transmission loss (TL) attenuation, by Octave band:

Octave Band	31.5	63	125	250	500	1000	2000	4000	8000
TL	34	38	38	41	51	61	71	81	91

The sound power level data assigned for all indoor equipment was used to calculate the indoor noise potential from the buildings. Noise radiating through the building walls and roof components was modelled as vertical/area sources. Open doors were evaluated under the worst-case summer conditions. A detailed summary of sound power level in full octave band centre frequencies for building walls, roof and ventilation components are presented in Table C.1 of Appendix C.

The following inputs and assumptions were necessary to complete the assessment:

- Equipment list, locations and specifications were based on the development concept that was provided by Port Fuels.
- The exhausts of each of the seven engines within the Engine Building will be fitted with a suitable silencer providing a maximum attenuated sound power level by octave band per engine exhaust:

<i>Sound Power Level - Octave Band Data (dB)</i>									<i>Total</i>	<i>Total</i>
31.5	63	125	250	500	1000	2000	4000	8000	dB	dBA
	86	79	76	76	72	70	68	64	78.3	87.4

- The combined sound power level of all seven engine exhausts exiting a single stack (A8 Engine Exhaust Stack) shall have a maximum attenuated sound power by octave band:

<i>Sound Power Level - Octave Band Data (dB)</i>									<i>Total</i>	<i>Total</i>
31.5	63	125	250	500	1000	2000	4000	8000	dB	dBA
-	94	87.3	84.5	84.5	80.7	78.7	76.3	72.5	95.9	86.8

- The radiator exhausts of each of the seven engines within the Engine Building will be fitted with a suitable silencer providing a maximum attenuated sound power level by octave band per exhaust:

<i>Sound Power Level - Octave Band Data (dB)</i>									<i>Total</i>	<i>Total</i>
31.5	63	125	250	500	1000	2000	4000	8000	dB	dBA
67	71	73	73	72	70	68	64	58	79.9	75.4

- The 800 kw Emergency Generator will be housed in a complete acoustic enclosure complete with exhaust and intake silencer (as necessary) to meet the sound level specified of 85 dBA at 1 m.

Section 5.0 Assessment Criteria

Assessment criteria may be determined based on the MOECC'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 neighboring industrial/commercial activity. The higher of the two assessment criteria is selected for purpose of assessment.

The Facility is located in an Acoustic Class 1 Area. Class 1 Areas have the following generic minimum sound level limits expressed as a 1-hour Leq that can be applied to assess the sound levels emitted by the Facility noise sources:

Time of Day Minimum Sound Level –Plane of Window

7:00 a.m. to 11:00 p.m.	50 dBA
11:00 p.m. to 7:00 a.m.	45 dBA

Outdoor Points-of-Reception

7:00 a.m. to 7:00 p.m.	50 dBA
7:00 p.m. to 11:00 p.m.	45 dBA

The applicable noise criteria at the points-of-reception are based on the higher of the background sound level and the MOECC's minimum sound level limits. The minimum exclusionary MOECC noise limits were selected as the limits for the PORs to be conservative.

Sound Level Limits for Impulse Noise

The individual impulse impacts were logarithmically averaged to estimate the Logarithmic Mean (LLM) impulse sound level and are summarized in Tables 4 and compared to the applicable NPC-300 Table B-4 nighttime criterion of 65 dBAI for 3 impulses per hour.

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 emergency generator was evaluated separately from the continuous stationary noise sources.

Section 6.0 Impact Assessment

6.1 Steady-State Sound Levels

The worst-case assessment of steady-state noise sources at the selected points-of-reception was based on measured sound levels and manufacturer's data. Cadna A Acoustical Modelling Software (Cadna A), version 4.4, 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 POR2 is provided in Appendix D.

The worst-case cumulative Facility-wide proposed sound levels estimated at the receptor(s) 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.

Cadna A modelling assumptions used in this AAR included:

- Noise Sources: All sources were modelled using the 1/1 octave band data from source measurements, manufacturer's sound level data or MOECC approved reference materials. Moving point-line sources are based on the input sound level data and the physical dimensions of the travel path for the mobile sources.
- Noise Source Elevation: The heights of the sources are summarized in Table C.1 of Appendix C.
- Reflection Order: A maximum reflection order of 1.0 was used to evaluate indirect noise impact from one reflecting surface.
- Ground Absorption: The model was set up with a conservative ground absorption factor of 0.25 and the areas of hard ground were input with a ground absorption of 0.5 and a value of 1.0 was used to represent absorptive areas of grass.
- Receptor elevation: POR receptor heights were modelled appropriately to represent the worst-case elevation as detailed in Section 4.0.
- Time-weighted Adjustment: Time-weighted adjustments for sources that do not operate continuously are summarized in Table C.1
- Tonality: A +5 dBA adjustment was made for tonal sources.
- Building Surfaces: The buildings are modelled as reflective surfaces.

The proposed attenuated sound levels estimated at the PORs are summarized in Table 2. The proposed sound levels estimated at all PORs meet the applicable MOECC limits for steady state noise sources based on the following mitigation measures outlined in section 6.2.

6.2 Noise Abatement Plan

The cumulative steady-state sound levels (attenuated 1-hour Leqs) estimated at the PORs were based on the following proposed abatement measures and minimum performance reduction values per octave band (or acoustic equivalent):

The following building rooftops will be constructed of a typical sandwich-type flat roof construction comprised of 18 gauge corrugated sheet steel, 4" rigid insulation and a 60 mil roofing membrane. This roof construction is estimated to provide a transmission loss equal to an STC rating of 36 or 10-gauge sheet steel:

- Wet RDF Storage Building
- Waste Storage Building
- O2/N2 Building

The roof construction will provide the following transmission loss (TL) by Octave Band:

Octave Band	31.5	63	125	250	500	1000	2000	4000	8000
TL	10	15	20	25	30	36	40	40	40

The following buildings walls will be constructed of 18 gauge corrugated sheet steel or material with an STC rating of 35:

- Wet RDF Storage Building – Upper Portion of South Wall (4 m AG-14 m AG)
- Waste Storage Building – Upper Portion of South Wall (4 m AG-14 m AG)
- Waste Storage Building – Upper Portion of West Wall (4 m AG-14 m AG)

The wall construction will provide the following transmission loss (TL) attenuation by Octave Band:

Octave Band	31.5	63	125	250	500	1000	2000	4000	8000
TL	3	7	12	17	22	27	33	39	40

ID Fan #1 & ID Fan #2 (sIDFan1 to sIDFan2)

Each ID Fan will be fitted with an acoustic enclosure that provides the following minimum Transmission Loss (TL) acoustic performance reductions by Octave Band:

Octave Band	31.5	63	125	250	500	1K	2K	4K	8K
TL	0	14	17	18	20	20	16	5	0

Seven Engine Exhausts with Silencers exiting A8 Engine Exhaust Stack

The exhausts of each of the seven engines within the Engine Building will be fitted with a suitable silencer providing a maximum attenuated sound power level by octave band per engine exhaust:

Sound Power Level - Octave Band Data (dB)									Total	Total
31.5	63	125	250	500	1000	2000	4000	8000	dB	dBA
	86	79	76	76	72	70	68	64	78.3	87.4

The combined sound power level of all seven engine exhausts exiting a single stack (A8 Engine Exhaust Stack) shall have a maximum attenuated sound power by octave band:

Sound Power Level - Octave Band Data (dB)									Total	Total
31.5	63	125	250	500	1000	2000	4000	8000	dB	dBA
-	94	87.3	84.5	84.5	80.7	78.7	76.3	72.5	95.9	86.8

Engine Radiator Exhaust #1-#7 with Silencers (EngineRad1-7)

The radiator exhausts of each of the seven engines within the Engine Building will be fitted with a suitable silencer providing a maximum attenuated sound power level by octave band per exhaust:

Sound Power Level - Octave Band Data (dB)									Total	Total
31.5	63	125	250	500	1000	2000	4000	8000	dB	dBA
67	71	73	73	72	70	68	64	58	79.9	75.4

Emergency Generator (EmerGenset)

The 800 kw Emergency Generator will be housed in a complete acoustic enclosure complete with exhaust and intake silencer (as necessary) to meet the sound level specified of 85 dBA at 1 m.

Sound Power Level - Octave Band Data (dB)									Total	Total
31.5	63	125	250	500	1000	2000	4000	8000	dB	dBA
88	91	92	92	92	90	88	85	80	99.6	95.4

The noise controls will be installed during construction and prior to start-up. All noise control performance requirements are summarized in Table C.2.

6.3 Impulse Noise Sources

The worst-case assessment of impulse noise from rail shunting activities at the selected POR(s) was based on the Logarithmic Mean Impulse Sound Level from measured impulse sound pressure levels and reference distances.

The unattenuated impulse sound levels predicted at the PORs were estimated based on the A-weighted logarithmic mean of the measured impulses (LLM). The LLM value (entered for 500 Hz in accordance with ISO 9613-2) and reference distances were input to CADNA and the impulse noise impact was estimated at each POR.

The unattenuated impulse noise impact at all POR's is summarized in Table 4.

Section 7.0 Conclusions

The proposed steady-state and impulse sound levels estimated at the PORs are below the minimum NPC-300 noise limits, as summarized in Table 3 and Table 4, respectively.

CRA recommends that any future equipment contribute less than 30 dBA at the applicable POR(s).

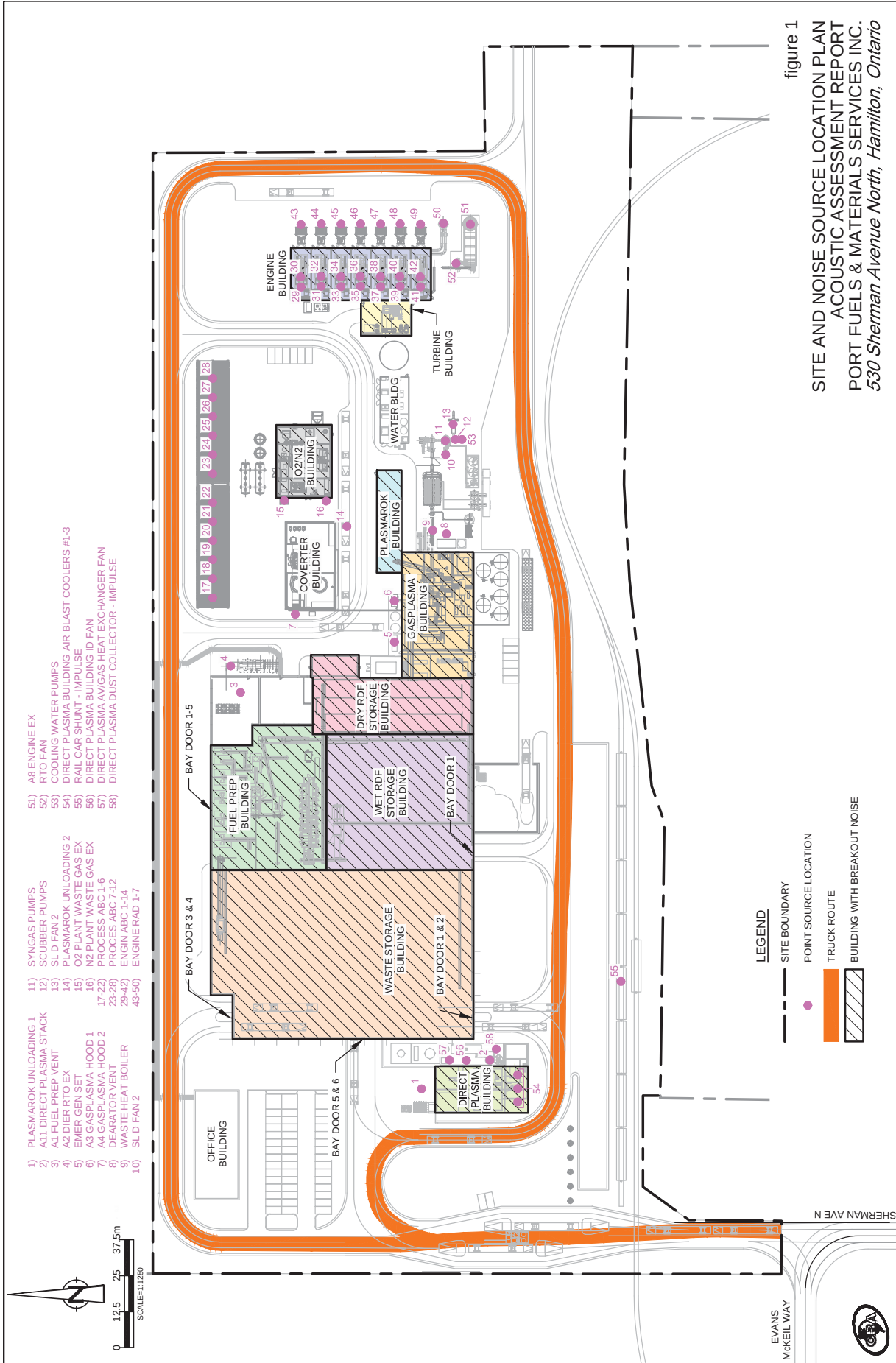
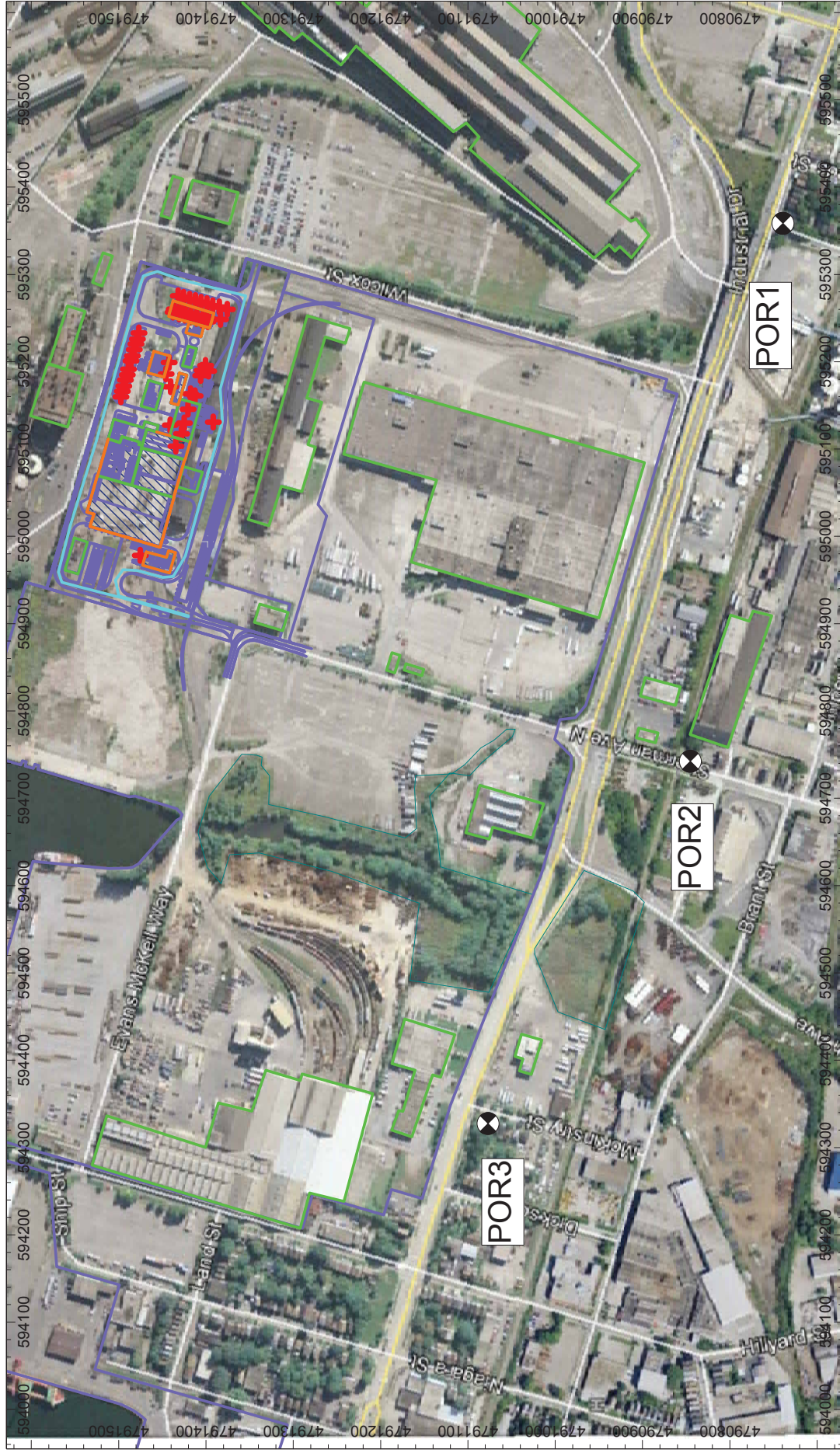


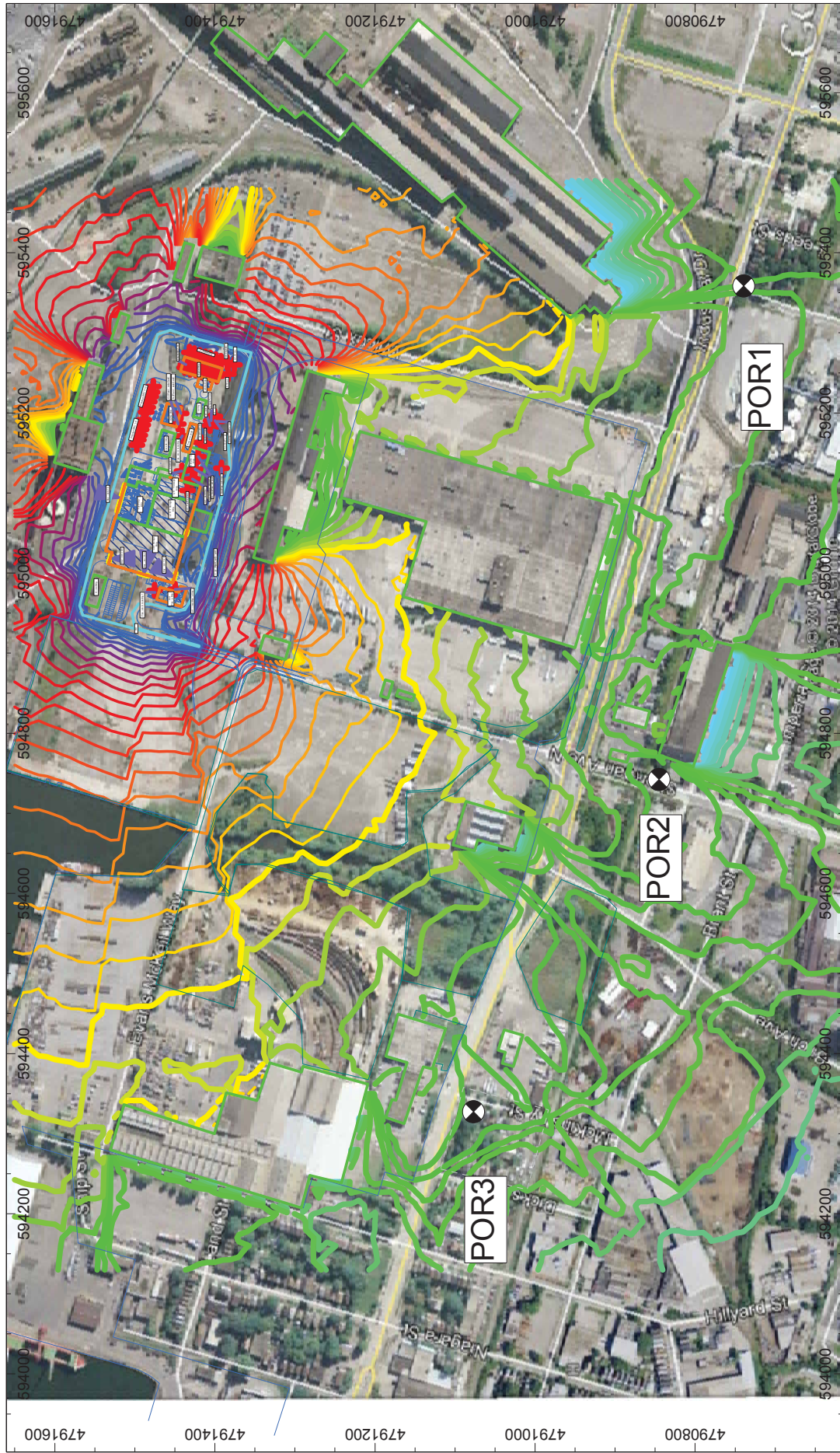
figure 1
SITE AND NOISE SOURCE LOCATION PLAN
ACOUSTIC ASSESSMENT REPORT
PORT FUELS & MATERIALS SERVICES INC.
530 Sherman Avenue North, Hamilton, Ontario



ACOUSTIC ASSESSMENT REPORT
PORT FUELS & MATERIALS SERVICES INC. - HAMILTON, ONTARIO

FIGURE 2
POINT-OF-RECEPTION LOCATION PLAN

Point Source - Line Source - Area Source - vert. Area Source - Building - Cylinder - Barrier - Ground Absorption - Receiver	◆ ▬ ▨ ▨ ▬ ○ ▬ ▬ ⊗
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ACOUSTIC ASSESSMENT REPORT
PORT FUELS & MATERIALS SERVICES INC. - HAMILTON, ONTARIO

FIGURE 3
NOISE CONTOUR PLOT - 4.5' AG - A TIME

30.0 dB
35.0 dB
40.0 dB
45.0 dB
50.0 dB
55.0 dB
60.0 dB
65.0 dB
70.0 dB

North Arrow

TABLE 1
NOISE SOURCE SUMMARY
PORT FUELS & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

Cadna A ID	Source Description	Source Type	Sound Power Level ⁽¹⁾ (dBA)	Source Location ⁽²⁾	Source Characteristics ⁽³⁾	Noise Control Measures ⁽⁴⁾
ProcessABC1	Process Air Blast Cooler #1	Point Source	89.6	O	S	U
ProcessABC2	Process Air Blast Cooler #2	Point Source	89.6	O	S	U
ProcessABC3	Process Air Blast Cooler #3	Point Source	89.6	O	S	U
ProcessABC4	Process Air Blast Cooler #4	Point Source	89.6	O	S	U
ProcessABC5	Process Air Blast Cooler #5	Point Source	89.6	O	S	U
ProcessABC6	Process Air Blast Cooler #6	Point Source	89.6	O	S	U
ProcessABC7	Process Air Blast Cooler #7	Point Source	89.6	O	S	U
ProcessABC8	Process Air Blast Cooler #8	Point Source	89.6	O	S	U
ProcessABC9	Process Air Blast Cooler #9	Point Source	89.6	O	S	U
ProcessABC10	Process Air Blast Cooler #10	Point Source	89.6	O	S	U
ProcessABC11	Process Air Blast Cooler #11	Point Source	89.6	O	S	U
ProcessABC12	Process Air Blast Cooler #12	Point Source	89.6	O	S	U
EngineABC1	Engine Room Air Blast Cooler #1	Point Source	89.6	O	S	U
EngineABC2	Engine Room Air Blast Cooler #2	Point Source	89.6	O	S	U
EngineABC3	Engine Room Air Blast Cooler #3	Point Source	89.6	O	S	U
EngineABC4	Engine Room Air Blast Cooler #4	Point Source	89.6	O	S	U
EngineABC5	Engine Room Air Blast Cooler #5	Point Source	89.6	O	S	U
EngineABC6	Engine Room Air Blast Cooler #6	Point Source	89.6	O	S	U
EngineABC7	Engine Room Air Blast Cooler #7	Point Source	89.6	O	S	U
EngineABC8	Engine Room Air Blast Cooler #8	Point Source	89.6	O	S	U
EngineABC9	Engine Room Air Blast Cooler #9	Point Source	89.6	O	S	U
EngineABC10	Engine Room Air Blast Cooler #10	Point Source	89.6	O	S	U
EngineABC11	Engine Room Air Blast Cooler #11	Point Source	89.6	O	S	U
EngineABC12	Engine Room Air Blast Cooler #12	Point Source	89.6	O	S	U
EngineABC13	Engine Room Air Blast Cooler #13	Point Source	89.6	O	S	U
EngineABC14	Engine Room Air Blast Cooler #14	Point Source	89.6	O	S	U
EngineRad1	Engine Radiator Exhaust #1 w Silencer	Point Source	85.4	O	S,T	Silencer
EngineRad2	Engine Radiator Exhaust #2 w Silencer	Point Source	85.4	O	S,T	Silencer
EngineRad3	Engine Radiator Exhaust #3 w Silencer	Point Source	85.4	O	S,T	Silencer
EngineRad4	Engine Radiator Exhaust #4 w Silencer	Point Source	85.4	O	S,T	Silencer
EngineRad5	Engine Radiator Exhaust #5 w Silencer	Point Source	85.4	O	S,T	Silencer
EngineRad6	Engine Radiator Exhaust #6 w Silencer	Point Source	85.4	O	S,T	Silencer
EngineRad7	Engine Radiator Exhaust #7 w Silencer	Point Source	85.4	O	S,T	Silencer
A7_RTOex	A7 Thermal Oxidizer Exhaust Stack	Point Source	104.1	O	S,T	U
RTOfan	Thermal Oxidizer Blower Fan	Point Source	104.1	O	S,T	U
A8_EngineEx	A8 Engine Exhaust Stack	Point Source	86.7	O	S	U
A3_GasPlasmaHood1	A3 GasPlasma Local Extraction Hoods #1	Point Source	90.3	O	S	U
A4_GasPlasmaHood2	A4 GasPlasma Local Extraction Hoods #2	Point Source	90.3	O	S	U
siDfan1	ID fan #1 w Enclosure	Point Source	104.3	O	S,T	Enclosure
siDfan2	ID fan #2 w Enclosure	Point Source	104.3	O	S,T	Enclosure
WasteHeatBoiler	Exhaust Waste Heat Boiler Feedwater Pumps	Point Source	98.0	O	S	U
SyngasPumps	Syngas cooler boiler feedwater pumps	Point Source	98.0	O	S	U
A2_DrierRTOex	A2 RDF Drier/RTO Exhaust	Point Source	94.1	O	S	U
A1_FuelPrepVent	A1 Waste Reception and Fuel Preparation Plant Ventilation	Point Source	94.1	O	S	U

TABLE 1
NOISE SOURCE SUMMARY
PORT FUELS & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

Cadna A ID	Source Description	Source Type	Sound Power Level ⁽¹⁾ (dBA)	Source Location ⁽²⁾	Source Characteristics ⁽³⁾	Noise Control Measures ⁽⁴⁾
DeeratorVent	Deerator Vent	Point Source	97.5	O	S	U
CoolingWaterPumps	Cooling Water Pumps	Point Source	98.0	O	S	U
ScrubberPumps	Scrubber Pumps	Point Source	98.0	O	S	U
PlasmarokUnloading 1	Plasmarok Unloading - Direct Plasma Bldg	Point Source	107.1	O	S	U
PlasmarokUnloading 2	Plasmarok Unloading - Plasmarok Bldg	Point Source	107.1	O	S	U
A5O2PlantWasteGasEx	A5 O2 Plant Waste Gas Exhaust w Silencer	Point Source	94.1	O	S	Silencer
N2PlantWasteGasEx	N2 Plant Waste Gas Exhaust w Silencer	Point Source	94.1	O	S	Silencer
A11_DirectPlasmaStack	A11 Direct Plasma Stack	Point Source	98.4	O	S	U
DP_ABC_1	Direct Plasma Air Blast Cooler #1	Point Source	89.6	O	S	U
DP_ABC_2	Direct Plasma Air Blast Cooler #2	Point Source	89.6	O	S	U
DP_ABC_3	Direct Plasma Air Blast Cooler #3	Point Source	89.6	O	S	U
DirectPlasmaRTOfan	Direct Plasma Combustion Air RTO Fan	Point Source	99.1	O	S,T	U
DPAir_GasHEfan	Direct Plasma ID Fan	Point Source	107.4	O	S	U
iDP_DCunit_imp	Direct Plasma Air/Gas Heat Exchanger Fan	Point Source	98.0	O	S	U
GasPlasmaGE1	Direct Plasma Dust Collector Impulse	Point Source	110.1	O	S	U
GasPlasmaGE2	Gas Plasma General Exhaust #1	Point Source	90.3	O	S	U
DryRDFGE2	Gas Plasma General Exhaust #2	Point Source	90.3	O	S	U
DryRDFGE1	Dry RDF General Exhaust #1	Point Source	90.3	O	S	U
WetRDFGE2	Dry RDF General Exhaust #2	Point Source	90.3	O	S	U
WetRDFGE1	Wet RDF General Exhaust #1	Point Source	90.3	O	S	U
WSGE3	Wet RDF General Exhaust #1	Point Source	90.3	O	S	U
WSGE4	Waste Storage General Exhaust #3	Point Source	90.3	O	S	U
WSGE1	Waste Storage General Exhaust #4	Point Source	90.3	O	S	U
WSGE2	Waste Storage General Exhaust #1	Point Source	90.3	O	S	U
FuelPrepGE1	Waste Storage General Exhaust #2	Point Source	90.3	O	S	U
FuelPrepGE2	Fuel Prep General Exhaust #1	Point Source	90.3	O	S	U
SynGasABC1	Fuel Prep General Exhaust #2	Point Source	90.3	O	S	U
SynGasABC2	SynGas Air Blast Cooler #1	Point Source	89.6	O	S	U
TR1	SynGas Air Blast Cooler #2	Point Source	89.6	O	S	U
	Shipping and Receiving Truck Route	Line Source	109.9	O	S	U
Dry RDF Storage Building	Dry RDF Storage Building	Total V.Area/Area	87.1	O	S	U
Wet RDF Storage Building	Wet RDF Storage Building	Total V.Area/Area	103.0	O	S	Upgraded Construction
Waste Storage Building	Waste Storage Building	Total V.Area/Area	105.9	O	S	Upgraded Construction
Fuel Prep. Building	Fuel Prep. Building	Total V.Area/Area	89.2	O	S	U
Engine Building	Engine Building	Total V.Area/Area	94.9	O	S	U
Turbine Building	Turbine Building	Total V.Area/Area	70.3	O	S	U
Plasmarok Building	Plasmarok Building	Total V.Area/Area	109.6	O	S	U
O2/N2 Building	O2/N2 Building	Total V.Area/Area	114.8	O	S	Upgraded Construction
Direct Plasma Building	Direct Plasma Building	Total V.Area/Area	95.3	O	S	U
Gasplasma Building	Gasplasma Building	Total V.Area/Area	95.3	O	S	U
WasteStorageBayDoor1	WasteStorageBayDoor1	Vertical Area Source	93.0	O	S	U
WasteStorageBayDoor2	WasteStorageBayDoor2	Vertical Area Source	93.0	O	S	U
WasteStorageBayDoor3	WasteStorageBayDoor3	Vertical Area Source	93.0	O	S	U
WasteStorageBayDoor4	WasteStorageBayDoor4	Vertical Area Source	93.0	O	S	U

TABLE 1
NOISE SOURCE SUMMARY
PORT FUELS & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

Cadna A ID	Source Description	Source Type	Sound Power Level ⁽¹⁾ (dBA)	Source Location ⁽²⁾	Source Characteristics ⁽³⁾	Noise Control Measures ⁽⁴⁾
WasteStorageBayDoor5	WasteStorageBayDoor5	Vertical Area Source	93.0	O	S	U
WasteStorageBayDoor6	WasteStorageBayDoor6	Vertical Area Source	93.0	O	S	U
WetRDFStorageBayDoor1	WetRDFStorageBayDoor1	Vertical Area Source	97.1	O	S	U
Impulse Noise Sources						
Imp_RailCarShunt	Railcar Shunting Activities - Impulse	Impulse Source	122.8	O	I	U
iDP_DCUnit_Imp	Direct Plasma Dust Collector Impulse	Impulse Source	110.1	O	I	U
Emergency Equipment Sources						
EmerGenset	Emergency Generator	Point Source	100.4	O	S,T	U

Notes:

⁽¹⁾ Sound Power Level (PWL) in dBA and includes + 5 dBA tonal penalty if applicable.

⁽²⁾ Source Location:

- O - located/installed outside of building
- I - located/installed inside of building

⁽³⁾ Sound Characteristics:

- S - Steady
- Q - Quasi Steady Impulsive
- I - Impulsive
- B - Buzzing
- T - Tonal
- C - Cyclic

⁽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 2
POINT-OF-RECEPTION UNATTENUATED NOISE IMPACT
PORT FUELS & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

CadnaA ID	Source Description	Burlington Street East Residence Facade				Sherman Avenue North Residence Facade				McKinstrey Street Residence Facade			
		POR1				POR2				POR3			
		Distance to Receptor (m)	Daytime 7 a.m. - 11 p.m. Sound Levels ⁽¹⁾ (dBA)	Nighttime 11 p.m. - 7 a.m. Sound Levels ⁽¹⁾ (dBA)		Distance to Receptor (m)	Daytime 7 a.m. - 11 p.m. Sound Levels ⁽¹⁾ (dBA)	Nighttime 11 p.m. - 7 a.m. Sound Levels ⁽¹⁾ (dBA)		Distance to Receptor (m)	Daytime 7 a.m. - 11 p.m. Sound Levels ⁽¹⁾ (dBA)	Nighttime 11 p.m. - 7 a.m. Sound Levels ⁽¹⁾ (dBA)	
ProcessABC1	Process Air Blast Cooler #1	786	8	8		775	12	12		933	12	12	
ProcessABC2	Process Air Blast Cooler #2	782	8	8		777	13	13		937	13	13	
ProcessABC3	Process Air Blast Cooler #3	779	11	11		778	13	13		942	13	13	
ProcessABC4	Process Air Blast Cooler #4	775	9	9		781	10	10		947	13	13	
ProcessABC5	Process Air Blast Cooler #5	772	6	6		782	3	3		952	10	10	
ProcessABC6	Process Air Blast Cooler #6	770	7	7		785	0	0		957	13	13	
ProcessABC7		765	10	10		788	10	10		965	13	13	
ProcessABC8	Process Air Blast Cooler #8	761	14	14		790	10	10		969	15	15	
ProcessABC9	Process Air Blast Cooler #9	758	4	4		793	10	10		975	15	15	
ProcessABC10	Process Air Blast Cooler #10	755	5	5		795	13	13		979	12	12	
ProcessABC11	Process Air Blast Cooler #11	753	5	5		797	11	11		984	2	2	
ProcessABC12	Process Air Blast Cooler #12	750	7	7		800	12	12		990	1	1	
EngineABC1	Engine Room Air Blast Cooler #1	705	17	17		786	21	21		999	18	18	
EngineABC2	Engine Room Air Blast Cooler #2	700	17	17		780	21	21		995	18	18	
EngineABC3	Engine Room Air Blast Cooler #3	694	6	6		774	21	21		991	18	18	
EngineABC4	Engine Room Air Blast Cooler #4	687	10	10		768	21	21		988	18	18	
EngineABC5	Engine Room Air Blast Cooler #5	680	12	12		762	21	21		984	18	18	
EngineABC6	Engine Room Air Blast Cooler #6	674	18	18		755	21	21		979	18	18	
EngineABC7	Engine Room Air Blast Cooler #7	668	18	18		749	21	21		976	18	18	
EngineABC8	Engine Room Air Blast Cooler #8	708	17	17		785	21	21		997	18	18	
EngineABC9	Engine Room Air Blast Cooler #9	701	6	6		779	21	21		993	18	18	
EngineABC10	Engine Room Air Blast Cooler #10	694	10	10		772	21	21		989	18	18	
EngineABC11	Engine Room Air Blast Cooler #11	688	18	18		765	21	21		984	18	18	
EngineABC12	Engine Room Air Blast Cooler #12	682	18	18		760	21	21		981	18	18	
EngineABC13	Engine Room Air Blast Cooler #13	676	18	18		753	21	21		976	18	18	
EngineABC14	Engine Room Air Blast Cooler #14	670	18	18		748	21	21		973	18	18	
EngineRad1	Engine Radiator Exhaust #1, w Silencer	699	9	9		793	0	0		1013	0	0	
EngineRad2	Engine Radiator Exhaust #2, w Silencer	693	9	9		788	0	0		1009	0	0	
EngineRad3	Engine Radiator Exhaust #3, w Silencer	687	7	7		781	0	0		1005	0	0	
EngineRad4	Engine Radiator Exhaust #4, w Silencer	680	7	7		775	0	0		1000	0	0	
EngineRad5	Engine Radiator Exhaust #5, w Silencer	674	7	7		769	0	0		997	0	0	
EngineRad6	Engine Radiator Exhaust #6, w Silencer	668	7	7		762	5	5		992	0	0	
EngineRad7	Engine Radiator Exhaust #7, w Silencer	661	7	7		756	5	5		988	3	3	
A7_RT0ex	A7 Thermal Oxidizer Exhaust Stack	646	16	16		742	18	18		979	15	15	
RT0fan	Thermal Oxidizer Blower Fan	654	29	29		739	26	26		971	25	25	
A8_EngineEx	A8 Engine Exhaust Stack	654	4	4		750	7	7		965	3	3	
A3_GasPlasmaHood1	A3 GasPlasma Local Extraction Hoods #1	733	18	18		713	18	18		888	15	15	
A4_GasPlasmaHood2	A4 GasPlasma Local Extraction Hoods #2	766	22	22		748	18	18		912	20	20	
sIDfan1	ID fan #1 w Enclosure	691	22	22		714	23	23		918	18	18	
sIDfan2	ID fan #2 w Enclosure	682	21	21		717	22	22		927	18	18	
WasteHeatBoiler	Exhaust Waste Heat Boiler Feedwater Pumps	708	27	27		711	21	21		903	2	2	
SynGasPumps	SynGas cooler boiler feedwater pumps	688	24	24		717	20	20		923	21	21	
A2_DrierRT0ex	A2 RDC Drier RT0 Exhaust	788	12	12		760	14	14		910	10	10	
A1_FuelPrepVent	A1 Waste Reception and Fuel Preparation Plant Ventilation	793	19	19		756	22	22		903	20	20	
DeaeratorVent	Deaerator Vent	704	26	26		706	22	22		899	4	4	
CoolingWaterPumps	Cooling Water Pumps	681	24	24		710	22	22		919	21	21	
ScrubberPumps	Scrubber Pumps	683	24	24		713	22	22		921	21	21	
PlasmaRockUnloading 1	PlasmaRock Unloading - Direct Plasma Bldg	830	15	15		673	30	30		763	18	18	

TABLE 2
POINT-OF-RECEPTION UNATTENUATED NOISE IMPACT
PORT FUELS & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

CadnaA ID	Source Description	Burlington Street East Residence Facade			Sherman Avenue North Residence Facade			McKinstrey Street Residence Facade		
		Distance to Receptor (m)	Daytime 7 a.m. - 11 p.m. Sound Levels (1) (dBA)	Nighttime 11 p.m. - 7 a.m. Sound Levels (1) (dBA)	Distance to Receptor (m)	Daytime 7 a.m. - 11 p.m. Sound Levels (1) (dBA)	Nighttime 11 p.m. - 7 a.m. Sound Levels (1) (dBA)	Distance to Receptor (m)	Daytime 7 a.m. - 11 p.m. Sound Levels (1) (dBA)	Nighttime 11 p.m. - 7 a.m. Sound Levels (1) (dBA)
	Plasmarok Unloading - Plasmarok Bldg	728	17	17	734	18	18	919	16	16
	A5 O2 Plant Waste Gas Exhaust w Silencer	746	20	20	762	19	19	942	22	22
	N2 Plant Waste Gas Exhaust w Silencer	734	6	6	748	14	14	932	4	4
	A11 Direct Plasma Stack	807	26	26	650	28	28	751	26	26
	DP_ABC_1	812	9	9	640	15	15	734	13	13
	Direct Plasma Air Blast Cooler #1	807	9	9	640	15	15	738	13	13
	Direct Plasma Air Blast Cooler #2	807	9	9	640	15	15	738	13	13
	Direct Plasma Air Blast Cooler #3	803	12	12	640	15	15	741	13	13
	Direct Plasma Combustion Air RTO Fan	809	24	24	653	20	20	754	9	9
	Direct Plasma ID Fan	815	33	33	661	27	27	759	20	20
	DP Air_GasHEfan	818	22	22	665	18	18	763	10	10
	Gas Plasma General Exhaust #1	727	22	22	695	23	23	869	20	20
	Gas Plasma General Exhaust #2	716	23	23	703	23	23	887	20	20
	Dry RDF General Exhaust #2	741	18	18	689	18	18	853	23	23
	Dry RDF General Exhaust #1	764	7	7	716	20	20	871	20	20
	Wet RDF General Exhaust #2	761	18	18	680	21	21	826	21	21
	Wet RDF General Exhaust #1	781	18	18	708	23	23	848	23	23
	Wet RDF General Exhaust #3	816	17	17	686	23	23	792	21	21
	Waste Storage General Exhaust #4	801	17	17	690	23	23	809	21	21
	Waste Storage General Exhaust #1	840	17	17	719	23	23	817	21	21
	Waste Storage General Exhaust #2	826	17	17	723	23	23	834	21	21
	Fuel Prep General Exhaust #1	816	18	18	750	22	22	877	21	21
	Fuel Prep General Exhaust #2	798	18	18	728	23	23	861	21	21
	SynGas Air Blast Cooler #1	722	21	21	690	22	22	866	19	19
	SynGas Air Blast Cooler #2	719	21	21	686	22	22	864	19	19
	Shipping and Receiving Truck Route	762	32	32	718	38	38	874	36	36
	Dry RDF Storage Building	752	13	13	702	16	16	861	14	14
	Wet RDF Storage Building	772	30	30	694	34	34	836	33	33
	Waste Storage Building	819	30	30	703	36	36	813	35	35
	Fuel Prep Building	807	15	15	738	15	15	868	13	13
	Engine Building	687	22	22	767	20	20	987	17	17
	Turbine Building	686	0	0	753	0	0	970	0	0
	Plasmarok Building	719	37	37	725	33	33	913	28	28
	O2/N2 Building	734	38	38	760	36	36	948	37	37
	Direct Plasma Building	816	22	22	651	28	28	746	26	26
	Gas Plasma Building	722	26	26	698	25	25	877	23	23
	Waste Storage Bay Door 1	802	20	20	655	27	27	763	16	16
	Waste Storage Bay Door 2	798	19	19	657	27	27	767	24	24
	Waste Storage Bay Door 3	865	1	1	739	4	4	825	9	9
	Waste Storage Bay Door 4	861	1	1	740	3	3	829	6	6
	Waste Storage Bay Door 5	831	1	1	690	26	26	786	21	21
	Waste Storage Bay Door 6	836	1	1	696	26	26	790	24	24
	Wet RDF Storage Bay Door 1	763	8	8	665	31	31	806	30	30
Total Facility Sound Level (1-hour Leq):			433 (dBA)	438 (dBA)		44.9 (dBA)	44.9 (dBA)		43.4 (dBA)	43.4 (dBA)
Emergency Equipment										
Emergency Generator		740	11.7	11.7	709	10.4	10.4	879	5.0	5.0
Total Facility Sound Level (1-hour Leq):			11.7 (dBA)	11.7 (dBA)		10.4 (dBA)	10.4 (dBA)		5.0 (dBA)	5.0 (dBA)

Notes
(1) Sound Level at the Receptor was calculated using Cadna A Acoustical Modelling Software.

TABLE 3
ACOUSTIC ASSESSMENT SUMMARY - STEADY STATE SOUND LEVELS
PORT FUELS & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

Point of Reception ID	Point of Reception Description	Sound Level at Point-of-Reception (Leq) Source	Verified by Acoustic Audit Yes/No	Performance Limit ⁽²⁾ (Leq)	Compliance with Performance Limit (Yes/No)
Unattenuated Sound Levels					
Daytime Operations - 7 a.m. to 11 p.m.					
POR1	Burlington Street East Residence Facade	43.8 (dBA)	No	50.0 (dBA)	Yes
POR2	Sherman Avenue North Residence Facade	44.9 (dBA)	No	50.0 (dBA)	Yes
POR3	McKinstry Street Residence Facade	43.4 (dBA)	No	50.0 (dBA)	Yes
Nighttime Operations - 11 p.m. to 7 a.m.					
POR1	Burlington Street East Residence Facade	43.8 (dBA)	No	45.0 (dBA)	Yes
POR2	Sherman Avenue North Residence Facade	44.9 (dBA)	No	45.0 (dBA)	Yes
POR3	McKinstry Street Residence Facade	43.4 (dBA)	No	45.0 (dBA)	Yes
Emergency Equipment Sound Levels ⁽²⁾					
Daytime Operations - 7 a.m. to 11 p.m.					
POR1	Burlington Street East Residence Facade	11.7 (dBA)	No	55.0 (dBA)	Yes
POR2	Sherman Avenue North Residence Facade	10.4 (dBA)	No	55.0 (dBA)	Yes
POR3	McKinstry Street Residence Facade	5.0 (dBA)	No	55.0 (dBA)	Yes

Notes

(1) Minimum MOE sound level limits defined in NPC-300.

(2) Noise limits for Emergency Equipment determined by Addition of 5 dBA to Daytime Limits per NPC-300.

TABLE 4
ACOUSTIC ASSESSMENT SUMMARY - IMPULSE SOUND LEVELS -NIGHTTIME
PORT FUELS & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

Source No.	Noise Source Description	Impact Assessment at Point-of-Reception (POR)	Distance to Receptor (m)	Sound Level at POR ⁽¹⁾⁽²⁾	Performance Limit ⁽³⁾	Compliance with Performance Limit
				(dBA)	(dBA)	
Imp_RailCarShunt	Railcar Shunting Activities - Impulse	POR1	755	45.7	65	Yes
		POR2	609	59.9	65	Yes
		POR3	738	55.4	65	Yes
iDP_DCunit_Imp	Direct Plasma Dust Collector Impulse	POR1	802	39.2	45 (4)	Yes
		POR2	646	44.5	45 (4)	Yes
		POR3	750	26.6	45 (4)	Yes

Notes:

- ⁽¹⁾ Based on calculated L_{1M}.
- ⁽²⁾ Sound Level at the Receptor was calculated using Cadna A Acoustical Modelling Software.
- ⁽³⁾ Nighttime Impulse Limit per Table B-4 of NPC-300 based on 3 rail car shunts per hour.
- ⁽⁴⁾ Nighttime Impulse Limit per Table B-4 of NPC-300 based on 9 or more impulse per hour.

Appendix A

Zoning Map



SOURCE: CITY OF HAMILTON ZONING,
MAPS 829, 830, 831, 871, 872, 873, 913, 914 AND 915.

figure A.1

Appendix B

Summary of Insignificant Noise Sources

TABLE B.1
INSIGNIFICANT NOISE SOURCE SUMMARY
PORT FUELS & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

<i>ECA Source ID</i>	<i>Source Description</i>	<i>Comments</i>
A5	Oxygen Plant Exhaust	Source Estimated to be < 20 dBA at worst-case POR.
A6	Nitrogen Plant Exhaust	Source Estimated to be < 20 dBA at worst-case POR.
A9	Auxillary Steam Boiler	Source Estimated to be < 20 dBA at worst-case POR.
A12	Emergency Pressure Relief Valve	Source Estimated to be < 20 dBA at worst-case POR.
NA	Transformer - No Fans	Source Estimated to be < 20 dBA at worst-case POR.

Appendix C

Noise Specification and Worst Case Simultaneous Operations Summary

TABLE C1
NOISE SOURCE SOUND RISE AND CONTROL SPECIFICATIONS
PORTFABLE & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

ID	Noise Source Description	Data Quality	32	63	125	250	500	1000	2000	4000	8000	(dB(A))	(m/s)	(ft/sec)	(ft/min)	(m ² /s)	(m ² /min)	(m ² /h)	(m ² /min)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m ² /h)	(m<
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TABLE C.1
NOISE SOURCE SOUND LEVEL AND CONTROL SPECIFICATIONS
PORT FUELS & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

Data Quality	Accuracy										Precision				Resolution		Reference Comments	
	32	63	125	250	500	1000	2000	4000	8000	9600	dB(A)	(m)	(m)	(m)	(m)	(m)	Amplitude	Reference Comments
PWL (dB)	88.2	63.2	62.2	91.2	90.2	89.2	86.2	82.2	76.2	91.7	No	0	13.0	13.0	NA	NA	NA	Supplier specific PNAS EPC contractor equipment estimates
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1									
PWL (dBA)	49.8	86.5	78.1	82.6	87.4	89.2	87.4	83.2	75.1	94.1	No	0	2.0	2.0	NA	NA	NA	Supplier specific PNAS EPC contractor equipment estimates
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.7	No	0						
PWL (dBA)	49.8	86.5	78.1	82.6	87.4	89.2	87.4	83.2	74.1	94.1	No	0	13.5	2.0	NA	NA	NA	Representative measurement for equipment of similar size from CIA Asset Library
PWL (dB)	87.9	62.2	95.2	93.3	89.0	88.8	78.4	89.1	81.7	99.1	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	90.4	No	0						
PWL (dBA)	49.5	90.2	78.1	86.7	86.8	88.8	79.6	78.1	80.6									
PWL (dB)	11.2	64.8	79.8	73.8	74.8	71.8	70.8	67.8	68.8									
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1									
PWL (dBA)	0.0	58.6	63.7	64.2	71.8	71.8	72.0	68.8	57.7	77.7	No	0	30.0	0.0	NA	NA	NA	Transport Truck Route - 20ton 62.5PSA, Table A1.6
PWL (dB)	9.0	54.0	67.3	64.5	64.5	64.5	60.7	70.7	72.5	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0						
A-Weighted Correction	-38.4	-34.3	-34.3	-8.6	-3.2	0.0	1.2	1.0	-1.1	86.8	No	0						
PWL (dBA)	0.0	54.0	71.4	75.9	80.7	80.7	79.9	77.9	71.4	95.9	No	0					</	

[illegible]

Designation	Sound Power Level (dBA)										Total	Absorption Coefficients					Transmission Loss (dB)				Reaching Total Outdoor Sound Power (dBA)
	31.5	63	125	250	500	1000	2000	4000	8000	(dBA)		83	31.5	125	250	500	1000	2000	4000	8000	
Designation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	
	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	
	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	
	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	
	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	
	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	
Designation	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	
	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	
	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	
	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	
	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	
	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	
	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	
	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	
	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	
	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	
Designation	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	
	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	
	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	
	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	
	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	
	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	
	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	
	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	
	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	
	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	
Designation	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	
	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	
	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	
	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	
	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	
	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	
	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	
	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	
	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	
	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	
Designation	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	
	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	
	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	
	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	
	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	
	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	
	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	
	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	
	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	
	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	
Designation	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	
	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	
	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	
	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	
	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	
	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	
	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	
	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	
	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	
	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	
Designation	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	
	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	
	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	
	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	
	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	
	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	
	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	
	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	
	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	
	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	
Designation	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	
	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	
	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	
	1061	1062	1063	1064	1065	1066	1067	1068													

BUILDING NOISE SOURCE CONTROL PARAMETERS	ID	Transmission Loss - Octave Band Data (dB)								
		31.5	63	125	250	500	1000	2000	4000	8000
909264	24-Gauge Steel Cladding	1	3	7	12	17	22	27	33	38
909268	18-Gauge Steel Cladding	3	7	12	17	22	27	33	39	40
909269	10-Gauge Steel Cladding	10	15	20	25	30	36	40	40	40
T1.0	12" Concrete Block	34	38	38	41	51	61	71	81	91

TABLE C.2
SUMMARY OF NOISE SOURCE CONTROL SPECIFICATIONS
PORT FUELS & MATERIAL SERVICES, INC.
HAMILTON, ONTARIO

Fixed Equipment - Noise Abatement Plan		Transmission/Insertion Loss - Octave Band Data (dB)										
Source Description	ID	Type	31.5	63	125	250	500	1000	2000	4000	8000	(dB)
ID fan #1 w/Enclosure	siDfan1	Enclosure	0	14	17	18	20	20	16	5	0	-
ID fan #2 w/Enclosure	siDfan2	Enclosure	0	14	17	18	20	20	16	5	0	-
Seven Engine Exhausts with Silencers exiting A8 Engine Exhaust Stack	A8_EngineEx	Maximum PWL	-	94	87.3	84.5	84.5	80.7	78.7	76.3	72.5	86.8
Engine Radiator Exhaust #1-#7 with Silencers	EngineRad1-7	Maximum PWL	67	71	73	73	72	70	68	64	58	79.9
Emergency Generator	EmgGenset	Maximum PWL	88.2	91.2	92.2	92.2	92.2	90.2	88.2	85.2	80.2	95.4
Buildings Requiring Upgraded Construction Material		Minimum Transmission Loss (dB)										
Source Description	ID	STC/RATING	31.5	63	125	250	500	1000	2000	4000	8000	
Wet RDF Building Roof	WetRDFBldgRoof	36	10	15	20	25	30	36	40	40	40	
Waste Storage Building Roof	WasteStorageBldgRoof	36	10	15	20	25	30	36	40	40	40	
Oxygen/Nitrogen Building Roof	O2_N2BldgRoof	36	10	15	20	25	30	36	40	40	40	
Wet RDF Building South - Upper	WetRDFBldgSouthUP	35	3	7	12	17	22	27	33	39	40	
Waste Storage Building West - Upper	WasteStorBldgWestUpper	35	3	7	12	17	22	27	33	39	40	
Waste Storage Building South - Upper	WasteStorageBldgSouthUP	35	3	7	12	17	22	27	33	39	40	

Appendix D

Impulse Noise Measurements Summary Tables

Configuration	
Parameter	Value
General	
Country	(user defined)
Max. Error (dB)	0.00
Max. Search Radius (m)	2000.00
Min. Dist Src to Rcvr	0.00
Partition	
Raster Factor	0.50
Max. Length of Section (m)	1000.00
Min. Length of Section (m)	1.00
Min. Length of Section (%)	0.00
Proj. Line Sources	On
Proj. Area Sources	On
Ref. Time	
Reference Time Day (min)	60.00
Reference Time Night (min)	60.00
Daytime Penalty (dB)	0.00
Recr. Time Penalty (dB)	6.00
Night-time Penalty (dB)	10.00
DTM	
Standard Height (m)	0.00
Model of Terrain	Triangulation
Reflection	
max. Order of Reflection	1
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rcvr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.10
Industrial (ISO 9613)	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	Excl. Ground Att. over Barrier
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature (°C)	10
rel. Humidity (%)	70
Ground Absorption G	0.25
Wind Speed for Dir. (m/s)	3.0
Roads (TNM)	
Railways (Schall 03)	
Strictly acc. to Schall 03 / Schall-Transrapid	
Aircraft (???)	
Strictly acc. to AzB	

Receiver

Name: Sherman Avenue North Residence Facade
 ID: POR2
 X: 594742.30
 Y: 4790845.08
 Z: 4.50

Point Source, ISO 9613, Name: "Emergency Generator", ID: "EmerGenset"

Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595127.32	4791441.10	2.00	0	0	100.4	-88.0	0.0	0.0	68.0	3.5	-3.6	0.0	0.0	24.9	-0.0	-0.0	7.7	-88.0
2	595127.32	4791441.10	2.00	1	0	100.4	-88.0	0.0	0.0	68.3	3.6	-3.5	0.0	0.0	20.4	-0.0	1.0	10.6	-88.0

Point Source, ISO 9613, Name: "Process Air Blast Cooler #1", ID: "ProcessABC1"

Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595159.88	4791497.62	2.00	0	0	89.6	89.6	0.0	0.0	68.8	2.4	-2.8	0.0	0.0	12.3	-0.0	-0.0	9.0	9.0
2	595159.88	4791497.62	2.00	1	0	89.6	89.6	0.0	0.0	69.8	2.6	-3.1	0.0	0.0	7.9	-0.0	1.0	11.5	11.5

Point Source, ISO 9613, Name: "Process Air Blast Cooler #2", ID: "ProcessABC2"

Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595166.28	4791495.75	2.00	0	0	89.6	89.6	0.0	0.0	68.8	2.4	-2.9	0.0	0.0	21.6	-0.0	-0.0	-0.1	-0.1
2	595166.28	4791495.75	2.00	1	0	89.6	89.6	0.0	0.0	69.8	2.6	-3.2	0.0	0.0	6.6	-0.0	1.0	12.8	12.8

Point Source, ISO 9613, Name: "Process Air Blast Cooler #3", ID: "ProcessABC3"

Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595172.14	4791494.15	2.00	0	0	89.6	89.6	0.0	0.0	68.8	2.4	-3.1	0.0	0.0	21.5	-0.0	-0.0	0.1	0.1
2	595172.14	4791494.15	2.00	1	0	89.6	89.6	0.0	0.0	69.8	2.6	-3.1	0.0	0.0	6.4	-0.0	1.0	12.9	12.9

Point Source, ISO 9613, Name: "Process Air Blast Cooler #4", ID: "ProcessABC4"

Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595179.07	4791492.29	2.00	0	0	89.6	89.6	0.0	0.0	68.8	2.4	-3.2	0.0	0.0	21.4	-0.0	-0.0	0.1	0.1
2	595179.07	4791492.29	2.00	1	0	89.6	89.6	0.0	0.0	69.8	2.6	-3.1	0.0	0.0	6.0	-0.0	1.0	13.3	13.3

Point Source, ISO 9613, Name: "Process Air Blast Cooler #5", ID: "ProcessABC5"

Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595184.93	4791490.16	2.00	0	0	89.6	89.6	0.0	0.0	68.9	2.4	-3.2	0.0	0.0	21.6	-0.0	-0.0	0.1	0.1

Point Source, ISO 9613, Name: "Process Air Blast Cooler #6", ID: "ProcessABC6"

Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595191.33	4791488.83	2.00	0	0	89.6	89.6	0.0	0.0	68.9	2.4	-3.3	0.0	0.0	22.1	-0.0	-0.0	-0.4	-0.4

Point Source, ISO 9613, Name: "Process Air Blast Cooler #7", ID: "ProcessABC7"

Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595200.92	4791485.89	2.00	0	0	89.6	89.6	0.0	0.0	68.9	2.4	-2.8	0.0	0.0	18.5	-0.0	-0.0	2.6	2.6
2	595200.92	4791485.89	2.00	1	0	88.7	88.7	0.0	0.0	70.3	3.3	-3.6	0.0	0.0	6.5	-0.0	1.0	11.2	11.2

Point Source, ISO 9613, Name: "Process Air Blast Cooler #8", ID: "ProcessABC8"

Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595206.79	4791484.30	2.00	0	0	89.6	89.6	0.0	0.0	69.0	2.4	-3.0	0.0	0.0	18.4	-0.0	-0.0	2.9	2.9
2	595206.79	4791484.30	2.00	1	0	88.7	88.7	0.0	0.0	70.3	3.3	-3.6	0.0	0.0	6.5	-0.0	1.0	11.2	11.2

Point Source, ISO 9613, Name: "Process Air Blast Cooler #9", ID: "ProcessABC9"

Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595213.98	4791482.16	2.00	0	0	89.6	89.6	0.0	0.0	69.0	2.4	-3.1	0.0	0.0	18.4	-0.0	-0.0	3.0	3.0
2	595213.98	4791482.16	2.00	1	0	88.7	88.7	0.0	0.0	70.3	3.3	-3.6	0.0	0.0	6.5	-0.0	1.0	11.2	11.2

Point Source, ISO 9613, Name: "Process Air Blast Cooler #10", ID: "ProcessABC10"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595220.38	4791480.30	2.00	0	0	89.6	89.6	0.0	0.0	69.0	2.4	-3.2	0.0	0.0	18.4	-0.0	-0.0	3.0	3.0
2	595220.38	4791480.30	2.00	1	0	88.7	88.7	0.0	0.0	70.3	3.3	-3.6	0.0	0.0	6.5	-0.0	1.0	11.2	11.2
3	595220.38	4791480.30	2.00	1	0	86.2	86.2	0.0	0.0	69.2	4.5	-3.9	0.0	0.0	5.4	-0.0	1.0	10.0	10.0

Point Source, ISO 9613, Name: "Process Air Blast Cooler #11", ID: "ProcessABC11"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595225.97	4791478.70	2.00	0	0	89.6	89.6	0.0	0.0	69.0	2.4	-3.3	0.0	0.0	21.2	-0.0	-0.0	0.3	0.3
2	595225.97	4791478.70	2.00	1	0	88.7	88.7	0.0	0.0	70.3	3.3	-3.6	0.0	0.0	6.6	-0.0	1.0	11.1	11.1
3	595225.97	4791478.70	2.00	1	0	89.6	89.6	0.0	0.0	69.3	2.5	-2.9	0.0	0.0	16.2	-0.0	1.0	3.6	3.6

Point Source, ISO 9613, Name: "Process Air Blast Cooler #12", ID: "ProcessABC12"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595232.90	4791476.83	2.00	0	0	89.6	89.6	0.0	0.0	69.1	2.4	-3.1	0.0	0.0	12.4	-0.0	-0.0	8.8	8.8
2	595232.90	4791476.83	2.00	1	0	88.7	88.7	0.0	0.0	70.3	3.3	-3.6	0.0	0.0	8.3	-0.0	1.0	9.3	9.3

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #1", ID: "EngineABC1"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595260.35	4791436.33	18.60	0	0	89.6	89.6	0.0	0.0	68.9	2.4	-2.4	0.0	0.0	0.0	-0.0	-0.0	20.8	20.8

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #2", ID: "EngineABC2"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595258.22	4791429.93	18.60	0	0	89.6	89.6	0.0	0.0	68.8	2.4	-2.4	0.0	0.0	0.0	-0.0	-0.0	20.8	20.8

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #3", ID: "EngineABC3"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595256.35	4791423.54	18.60	0	0	89.6	89.6	0.0	0.0	68.8	2.4	-2.4	0.0	0.0	0.0	-0.0	-0.0	20.9	20.9

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #4", ID: "EngineABC4"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595254.75	4791417.14	18.60	0	0	89.6	89.6	0.0	0.0	68.7	2.3	-2.4	0.0	0.0	0.0	-0.0	-0.0	20.9	20.9
2	595254.75	4791417.14	18.60	1	0	71.1	71.1	0.0	0.0	68.9	91.3	-2.6	0.0	0.0	0.0	-0.0	21.0	-107.5	-107.5

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #5", ID: "EngineABC5"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595252.62	4791410.48	18.60	0	0	89.6	89.6	0.0	0.0	68.6	2.3	-2.4	0.0	0.0	0.0	-0.0	-0.0	21.0	21.0
2	595252.62	4791410.48	18.60	1	0	71.1	71.1	0.0	0.0	68.8	90.7	-2.5	0.0	0.0	0.0	-0.0	19.1	-104.9	-104.9
3	595252.62	4791410.48	18.60	1	0	71.1	71.1	0.0	0.0	68.8	90.6	-2.5	0.0	0.0	0.0	-0.0	20.0	-105.7	-105.7

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #6", ID: "EngineABC6"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595251.02	4791403.28	18.60	0	0	89.6	89.6	0.0	0.0	68.6	2.3	-2.3	0.0	0.0	0.0	-0.0	-0.0	21.1	21.1
2	595251.02	4791403.28	18.60	1	0	71.1	71.1	0.0	0.0	68.7	90.0	-2.5	0.0	0.0	0.0	-0.0	17.5	-102.6	-102.6
3	595251.02	4791403.28	18.60	1	0	76.6	76.6	0.0	0.0	68.7	26.6	-2.5	0.0	0.0	0.0	-0.0	18.8	-34.9	-34.9

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #7", ID: "EngineABC7"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595248.89	4791397.15	18.60	0	0	89.6	89.6	0.0	0.0	68.5	2.3	-2.3	0.0	0.0	0.0	-0.0	-0.0	21.2	21.2
2	595248.89	4791397.15	18.60	1	0	76.6	76.6	0.0	0.0	68.7	26.5	-2.5	0.0	0.0	0.0	-0.0	16.1	-32.2	-32.2
3	595248.89	4791397.15	18.60	1	0	76.6	76.6	0.0	0.0	68.6	26.4	-2.5	0.0	0.0	0.0	-0.0	17.5	-33.4	-33.4

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #8", ID: "EngineABC8"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595256.65	4791437.66	18.60	0	0	89.6	89.6	0.0	0.0	68.9	2.4	-2.4	0.0	0.0	0.0	-0.0	-0.0	20.7	20.7

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #9", ID: "EngineABC9"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595254.52	4791430.59	18.60	0	0	89.6	89.6	0.0	0.0	68.8	2.4	-2.4	0.0	0.0	0.0	-0.0	-0.0	20.8	20.8

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #10", ID: "EngineABC10"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595253.33	4791424.02	18.60	0	0	89.6	89.6	0.0	0.0	68.8	2.3	-2.4	0.0	0.0	0.0	-0.0	-0.0	20.9	20.9

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #11", ID: "EngineABC11"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595251.06	4791417.46	18.60	0	0	89.6	89.6	0.0	0.0	68.7	2.3	-2.3	0.0	0.0	0.0	-0.0	-0.0	21.0	21.0
2	595251.06	4791417.46	18.60	1	0	71.1	71.1	0.0	0.0	68.9	91.4	-2.6	0.0	0.0	0.0	-0.0	20.7	-107.3	-107.3

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #12", ID: "EngineABC12"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595249.60	4791410.80	18.60	0	0	89.6	89.6	0.0	0.0	68.6	2.3	-2.3	0.0	0.0	0.0	-0.0	-0.0	21.0	21.0
2	595249.60	4791410.80	18.60	1	0	71.1	71.1	0.0	0.0	68.8	90.8	-2.5	0.0	0.0	0.0	-0.0	19.0	-105.0	-105.0
3	595249.60	4791410.80	18.60	1	0	71.1	71.1	0.0	0.0	68.8	90.7	-2.6	0.0	0.0	0.0	-0.0	19.8	-105.6	-105.6

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #13", ID: "EngineABC13"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595247.33	4791404.28	18.60	0	0	89.6	89.6	0.0	0.0	68.5	2.3	-2.3	0.0	0.0	0.0	-0.0	-0.0	21.1	21.1
2	595247.33	4791404.28	18.60	1	0	71.1	71.1	0.0	0.0	68.8	90.3	-2.5	0.0	0.0	0.0	-0.0	17.7	-103.2	-103.2
3	595247.33	4791404.28	18.60	1	0	76.6	76.6	0.0	0.0	68.7	26.7	-2.5	0.0	0.0	0.0	-0.0	18.7	-34.9	-34.9

Point Source, ISO 9613, Name: "Engine Room Air Blast Cooler #14", ID: "EngineABC14"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595245.82	4791397.73	18.60	0	0	89.6	89.6	0.0	0.0	68.5	2.3	-2.3	0.0	0.0	0.0	-0.0	-0.0	21.2	21.2
2	595245.82	4791397.73	18.60	1	0	76.6	76.6	0.0	0.0	68.7	26.6	-2.5	0.0	0.0	0.0	-0.0	16.5	-32.7	-32.7
3	595245.82	4791397.73	18.60	1	0	76.6	76.6	0.0	0.0	68.7	26.5	-2.5	0.0	0.0	0.0	-0.0	17.5	-33.5	-33.5

Point Source, ISO 9613, Name: "Engine Radiator Exhaust #1 w Silencer", ID: "EngineRad1"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595275.63	4791431.88	3.00	0	0	80.4	80.4	0.0	0.0	69.0	3.5	-3.6	0.0	0.0	23.5	-0.0	-0.0	-11.9	-11.9

Point Source, ISO 9613, Name: "Engine Radiator Exhaust #2 w Silencer", ID: "EngineRad2"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595273.72	4791425.76	3.00	0	0	80.4	80.4	0.0	0.0	68.9	3.5	-3.6	0.0	0.0	23.5	-0.0	-0.0	-11.9	-11.9

Point Source, ISO 9613, Name: "Engine Radiator Exhaust #3 w Silencer", ID: "EngineRad3"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595271.61	4791418.67	3.00	0	0	80.4	80.4	0.0	0.0	68.8	3.5	-3.6	0.0	0.0	23.5	-0.0	-0.0	-11.9	-11.9

Point Source, ISO 9613, Name: "Engine Radiator Exhaust #4 w Silencer", ID: "EngineRad4"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595269.81	4791412.11	3.00	0	0	80.4	80.4	0.0	0.0	68.8	3.4	-3.5	0.0	0.0	23.5	-0.0	-0.0	-11.8	-11.8

Point Source, ISO 9613, Name: "Engine Radiator Exhaust #5 w Silencer", ID: "EngineRad5"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595267.91	4791405.66	3.00	0	0	80.4	80.4	0.0	0.0	68.7	3.4	-3.5	0.0	0.0	23.5	-0.0	-0.0	-11.8	-11.8

Point Source, ISO 9613, Name: "Engine Radiator Exhaust #6 w Silencer", ID: "EngineRad6"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595266.32	4791398.89	3.00	0	0	80.4	80.4	0.0	0.0	68.6	3.4	-3.6	0.0	0.0	6.7	-0.0	-0.0	5.2	5.2

Point Source, ISO 9613, Name: "Engine Radiator Exhaust #7 w Silencer", ID: "EngineRad7"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595264.10	4791392.34	3.00	0	0	80.4	80.4	0.0	0.0	68.6	3.4	-3.6	0.0	0.0	7.1	-0.0	-0.0	4.9	4.9

Point Source, ISO 9613, Name: "RTO Exhaust Stack", ID: "A7_RTOex"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595260.03	4791375.69	24.00	0	0	99.1	99.1	0.0	-11.9	68.4	2.7	-2.2	0.0	0.0	0.0	-0.0	-0.0	18.3	18.3
2	595260.03	4791375.69	24.00	1	0	97.6	97.6	0.0	-12.5	68.6	4.1	-2.3	0.0	0.0	0.0	-0.0	11.5	3.3	3.3

Point Source, ISO 9613, Name: "RTO Blower ", ID: "RTOfan"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595248.50	4791383.41	3.00	0	0	99.1	99.1	0.0	0.0	68.4	3.2	-3.6	0.0	0.0	8.3	-0.0	-0.0	22.8	22.8
2	595248.50	4791383.41	3.00	1	0	93.9	93.9	0.0	0.0	68.6	8.9	-3.9	0.0	0.0	9.5	-0.0	13.6	-2.7	-2.7
3	595248.50	4791383.41	3.00	1	0	97.6	97.6	0.0	0.0	68.5	4.4	-3.9	0.0	0.0	8.9	-0.0	13.8	6.0	6.0
4	595248.50	4791383.41	3.00	1	0	99.1	99.1	0.0	0.0	68.6	3.3	-3.6	0.0	0.0	7.0	-0.0	1.0	22.9	22.9

Point Source, ISO 9613, Name: "Engine Exhaust Stack", ID: "A8_EngineEx"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595262.78	4791384.79	30.00	0	0	86.7	86.7	0.0	11.6	68.5	2.4	-2.2	0.0	0.0	0.0	-0.0	-0.0	6.5	6.5

Point Source, ISO 9613, Name: "Gasplasma Local Extraction Hoods #1", ID: "A3_GasPlasmaHood1"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595129.77	4791424.87	16.80	0	0	94.7	94.7	0.0	0.0	67.9	1.4	-2.2	0.0	0.0	0.0	-0.0	-0.0	27.6	27.6

Point Source, ISO 9613, Name: "Gasplasma Local Extraction Hoods #2", ID: "A4_GasPlasmaHood2"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595145.62	4791420.74	16.80	0	0	94.7	94.7	0.0	0.0	67.9	1.4	-2.2	0.0	0.0	4.8	-0.0	-0.0	22.8	22.8

Point Source, ISO 9613, Name: "ID fan #1 w Enclosure", ID: "slDfan1"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595184.16	4791406.12	3.00	0	0	99.3	99.3	0.0	0.0	68.1	8.0	-3.2	0.0	0.0	7.5	-0.0	-0.0	18.9	18.9
2	595184.16	4791406.12	3.00	1	0	95.0	95.0	0.0	0.0	69.4	96.8	-4.0	0.0	0.0	7.3	-0.0	21.1	-95.5	-95.5
3	595184.16	4791406.12	3.00	1	0	98.0	98.0	0.0	0.0	69.3	29.9	-4.0	0.0	0.0	6.7	-0.0	20.5	-24.3	-24.3
4	595184.16	4791406.12	3.00	1	0	99.0	99.0	0.0	0.0	69.0	10.4	-4.1	0.0	0.0	7.3	-0.0	1.0	15.4	15.4
5	595184.16	4791406.12	3.00	1	0	99.3	99.3	0.0	0.0	68.4	8.1	-3.3	0.0	0.0	6.1	-0.0	1.0	19.0	19.0

Point Source, ISO 9613, Name: "ID fan #2 w Enclosure", ID: "slDfan2"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595195.79	4791400.41	3.00	0	0	99.3	99.3	0.0	0.0	68.1	8.0	-3.2	0.0	0.0	7.6	-0.0	-0.0	18.8	18.8
2	595195.79	4791400.41	3.00	1	0	95.0	95.0	0.0	0.0	69.2	95.3	-4.0	0.0	0.0	8.2	-0.0	20.4	-94.1	-94.1
3	595195.79	4791400.41	3.00	1	0	98.0	98.0	0.0	0.0	69.1	29.4	-4.0	0.0	0.0	7.5	-0.0	19.8	-23.9	-23.9
4	595195.79	4791400.41	3.00	1	0	99.3	99.3	0.0	0.0	68.4	8.3	-3.1	0.0	0.0	6.2	-0.0	1.0	18.4	18.4

Point Source, ISO 9613, Name: "Exhaust Waste Heat Boiler Feedwater Pumps", ID: "WasteHeatBoiler"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595163.19	4791417.63	3.00	0	0	98.0	98.0	0.0	0.0	68.0	3.4	-3.7	0.0	0.0	9.0	-0.0	-0.0	21.3	21.3
2	595163.19	4791417.63	3.00	1	0	98.0	98.0	0.0	0.0	68.3	3.5	-3.7	0.0	0.0	21.4	-0.0	1.0	7.6	7.6

Point Source, ISO 9613, Name: "Syngas cooler boiler feedwater pumps ", ID: "SyngasPumps"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595190.18	4791404.58	2.00	0	0	98.0	98.0	0.0	0.0	68.1	3.4	-3.6	0.0	0.0	10.2	-0.0	-0.0	19.9	19.9
2	595190.18	4791404.58	2.00	1	0	75.1	75.1	0.0	0.0	69.3	96.1	-4.1	0.0	0.0	8.9	-0.0	20.8	-115.8	-115.8
3	595190.18	4791404.58	2.00	1	0	82.2	82.2	0.0	0.0	69.2	27.6	-4.1	0.0	0.0	8.0	-0.0	20.2	-38.8	-38.8

Point Source, ISO 9613, Name: "Gasplasma Extraction System", ID: "GasPlasmaExtrac"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595130.81	4791391.81	2.00	0	0	94.1	94.1	0.0	0.0	67.5	3.0	-3.0	0.0	0.0	13.1	-0.0	-0.0	13.6	13.6
2	595130.81	4791391.81	2.00	1	0	94.1	94.1	0.0	0.0	68.0	3.1	-3.2	0.0	0.0	8.9	-0.0	1.0	16.2	16.2

Point Source, ISO 9613, Name: "RDF Drier Air Treatment RTO Exhaust", ID: "A2_DrierRTOex"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595117.35	4791428.03	14.70	0	0	94.1	94.1	0.0	-9.1	67.8	2.1	-2.3	0.0	0.0	4.8	-0.0	-0.0	12.7	12.7

Point Source, ISO 9613, Name: "Waste Reception and Fuel Preparation Plant Ventilation", ID: "A1_FuelPrepVent"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595103.22	4791434.56	14.70	0	0	94.1	94.1	0.0	0.0	67.8	3.0	-2.5	0.0	0.0	4.8	-0.0	-0.0	20.9	20.9

Point Source, ISO 9613, Name: "Deaerator Vent", ID: "DeaeratorVent"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595160.95	4791412.64	2.00	0	0	97.5	97.5	0.0	0.0	68.0	2.1	-2.8	0.0	0.0	8.8	-0.0	-0.0	21.5	21.5
2	595160.95	4791412.64	2.00	1	0	97.5	97.5	0.0	0.0	68.3	2.1	-3.0	0.0	0.0	19.3	-0.0	1.0	9.7	9.7

Point Source, ISO 9613, Name: "Cooling Water Pumps", ID: "CoolingWaterPumps"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595189.35	4791396.99	2.00	0	0	98.0	98.0	0.0	0.0	68.0	3.4	-3.5	0.0	0.0	11.0	-0.0	-0.0	19.2	19.2
2	595189.35	4791396.99	2.00	1	0	75.1	75.1	0.0	0.0	69.3	96.0	-4.1	0.0	0.0	8.9	-0.0	20.6	-115.6	-115.6
3	595189.35	4791396.99	2.00	1	0	82.2	82.2	0.0	0.0	69.2	27.5	-4.1	0.0	0.0	8.1	-0.0	20.0	-38.6	-38.6
4	595189.35	4791396.99	2.00	1	0	98.0	98.0	0.0	0.0	68.8	3.7	-3.9	0.0	0.0	9.2	-0.0	1.0	19.1	19.1

Point Source, ISO 9613, Name: "Scrubber Pumps", ID: "ScrubberPumps"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595190.20	4791399.62	2.00	0	0	98.0	98.0	0.0	0.0	68.1	3.4	-3.6	0.0	0.0	10.7	-0.0	-0.0	19.4	19.4
2	595190.20	4791399.62	2.00	1	0	75.1	75.1	0.0	0.0	69.3	95.9	-4.1	0.0	0.0	9.0	-0.0	20.6	-115.6	-115.6
3	595190.20	4791399.62	2.00	1	0	82.2	82.2	0.0	0.0	69.2	27.5	-4.1	0.0	0.0	8.1	-0.0	20.0	-38.6	-38.6
4	595190.20	4791399.62	2.00	1	0	98.0	98.0	0.0	0.0	68.9	3.8	-3.9	0.0	0.0	8.9	-0.0	1.0	19.4	19.4

Point Source, ISO 9613, Name: "Plasmarok Unloading - Direct Plasma Bldg", ID: "PlasmarokUnLoading 1"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	594978.28	4791475.31	1.50	0	0	111.2	111.2	0.0	0.0	67.6	3.0	-4.6	0.0	0.0	17.9	-0.0	-0.0	27.4	27.4
2	594978.28	4791475.31	1.50	1	0	110.6	110.6	0.0	0.0	69.0	4.1	-3.4	0.0	0.0	5.1	-0.0	2.0	33.7	33.7

Point Source, ISO 9613, Name: "Plasmarok UnLoading - Plasmarok Bldg", ID: "PlasmarokUnLoading 2"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595171.39	4791440.52	1.50	0	0	111.2	111.2	0.0	0.0	68.3	3.2	-4.4	0.0	0.0	22.8	-0.0	-0.0	21.3	21.3
2	595171.39	4791440.52	1.50	1	0	111.2	111.2	0.0	0.0	68.5	3.3	-4.6	0.0	0.0	20.5	-0.0	1.0	22.6	22.6

Point Source, ISO 9613, Name: "O2 Plant Waste Gas Exhaust w Silencer", ID: "O2PlantWasteGasEx"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595186.06	4791445.85	2.00	0	0	94.1	94.1	0.0	0.0	68.5	3.2	-3.4	0.0	0.0	24.2	-0.0	-0.0	1.6	1.6
2	595186.06	4791445.85	2.00	1	0	74.1	74.1	0.0	0.0	69.5	98.2	-4.2	0.0	0.0	25.0	-0.0	21.9	-136.3	-136.3
3	595186.06	4791445.85	2.00	1	0	94.1	94.1	0.0	0.0	68.5	3.2	-3.4	0.0	0.0	24.0	-0.0	1.0	0.7	0.7

Point Source, ISO 9613, Name: "N2 Plant Waste Gas Exhaust w Silencer", ID: "N2PlantWasteGasEx"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595199.23	4791442.44	2.00	0	0	94.1	94.1	0.0	0.0	68.5	3.3	-3.1	0.0	0.0	22.5	-0.0	-0.0	2.9	2.9
2	595199.23	4791442.44	2.00	1	0	74.1	74.1	0.0	0.0	69.4	96.8	-4.1	0.0	0.0	25.0	-0.0	21.7	-134.7	-134.7
3	595199.23	4791442.44	2.00	1	0	94.1	94.1	0.0	0.0	68.5	3.3	-3.1	0.0	0.0	23.0	-0.0	1.0	1.4	1.4

Point Source, ISO 9613, Name: "Direct Plasma Stack", ID: "A11_DirectPlasmaStack"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	594979.46	4791449.58	23.50	0	0	98.4	98.4	0.0	0.0	67.3	1.0	-1.7	0.0	0.0	0.0	-0.0	-0.0	31.9	31.9

Line Source, ISO 9613, Name: "Shipping and Receiving Truck Route", ID: "TR1"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595090.05	4791392.85	2.00	0	0	97.1	97.1	0.0	0.0	67.2	3.2	-3.1	0.0	0.0	13.1	-0.0	-0.0	16.7	16.7
2	595019.40	4791412.20	2.00	0	0	95.4	95.4	0.0	0.0	67.0	3.1	-3.2	0.0	0.0	0.0	-0.0	-0.0	28.5	28.5
3	594984.14	4791421.86	2.00	0	0	89.0	89.0	0.0	0.0	66.9	3.1	-3.1	0.0	0.0	0.0	-0.0	-0.0	22.1	22.1
4	595113.87	4791524.27	2.00	0	0	86.9	86.9	0.0	0.0	68.8	3.6	-4.0	0.0	0.0	22.8	-0.0	-0.0	-4.3	-4.3
5	595123.00	4791521.72	2.00	0	0	88.0	88.0	0.0	0.0	68.8	3.6	-4.0	0.0	0.0	22.8	-0.0	-0.0	-3.2	-3.2
6	595130.61	4791519.59	2.00	0	0	84.8	84.8	0.0	0.0	68.8	3.6	-4.0	0.0	0.0	22.7	-0.0	-0.0	-6.3	-6.3
7	595137.86	4791517.57	2.00	0	0	87.7	87.7	0.0	0.0	68.8	3.6	-4.0	0.0	0.0	22.7	-0.0	-0.0	-3.5	-3.5
8	595150.73	4791513.97	2.00	0	0	90.0	90.0	0.0	0.0	68.9	3.6	-3.4	0.0	0.0	15.1	-0.0	-0.0	5.8	5.8
9	595160.65	4791511.20	2.00	0	0	83.5	83.5	0.0	0.0	68.9	3.6	-3.3	0.0	0.0	13.5	-0.0	-0.0	0.8	0.8
10	595163.68	4791510.35	2.00	0	0	81.7	81.7	0.0	0.0	68.9	3.6	-3.2	0.0	0.0	10.8	-0.0	-0.0	1.7	1.7
11	595165.65	4791509.80	2.00	0	0	79.7	79.7	0.0	0.0	68.9	3.6	-3.3	0.0	0.0	10.7	-0.0	-0.0	-0.3	-0.3
12	595167.81	4791509.20	2.00	0	0	82.3	82.3	0.0	0.0	68.9	3.6	-3.3	0.0	0.0	10.7	-0.0	-0.0	2.3	2.3
13	595169.99	4791508.59	2.00	0	0	79.8	79.8	0.0	0.0	69.0	3.6	-3.3	0.0	0.0	10.7	-0.0	-0.0	-0.3	-0.3
14	595171.86	4791508.07	2.00	0	0	81.3	81.3	0.0	0.0	69.0	3.6	-3.4	0.0	0.0	18.3	-0.0	-0.0	-6.3	-6.3
15	595174.27	4791507.39	2.00	0	0	82.1	82.1	0.0	0.0	69.0	3.6	-3.4	0.0	0.0	18.3	-0.0	-0.0	-5.4	-5.4

Line Source, ISO 9613, Name: "Shipping and Receiving Truck Route", ID: "TR1"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	LrT dB(A)	LrN dB(A)
16	595176.45	4791506.79	2.00	0	0	80.2	80.2	0.0	0.0	69.0	3.6	-3.6	0.0	0.0	18.3	-0.0	-0.0	-7.1	-7.1
17	595178.34	4791506.26	2.00	0	0	81.1	81.1	0.0	0.0	69.0	3.6	-3.6	0.0	0.0	18.3	-0.0	-0.0	-6.3	-6.3
18	595180.74	4791505.58	2.00	0	0	82.2	82.2	0.0	0.0	69.0	3.6	-3.5	0.0	0.0	18.3	-0.0	-0.0	-5.1	-5.1
19	595182.93	4791504.98	2.00	0	0	80.0	80.0	0.0	0.0	69.0	3.6	-3.5	0.0	0.0	18.3	-0.0	-0.0	-7.3	-7.3
20	595184.86	4791504.43	2.00	0	0	81.3	81.3	0.0	0.0	69.0	3.6	-3.6	0.0	0.0	18.3	-0.0	-0.0	-6.0	-6.0
21	595187.37	4791503.73	2.00	0	0	82.3	82.3	0.0	0.0	69.0	3.6	-3.6	0.0	0.0	18.2	-0.0	-0.0	-5.0	-5.0
22	595189.56	4791503.12	2.00	0	0	79.9	79.9	0.0	0.0	69.0	3.6	-3.5	0.0	0.0	18.2	-0.0	-0.0	-7.5	-7.5
23	595191.41	4791502.61	2.00	0	0	81.1	81.1	0.0	0.0	69.0	3.6	-3.5	0.0	0.0	18.3	-0.0	-0.0	-6.2	-6.2
24	595193.76	4791501.95	2.00	0	0	82.0	82.0	0.0	0.0	69.0	3.6	-3.6	0.0	0.0	18.3	-0.0	-0.0	-5.3	-5.3
25	595195.96	4791501.33	2.00	0	0	80.4	80.4	0.0	0.0	69.0	3.6	-3.6	0.0	0.0	18.9	-0.0	-0.0	-7.6	-7.6
26	595198.02	4791500.76	2.00	0	0	81.5	81.5	0.0	0.0	69.0	3.6	-3.6	0.0	0.0	19.1	-0.0	-0.0	-6.6	-6.6
27	595200.39	4791500.09	2.00	0	0	81.7	81.7	0.0	0.0	69.0	3.6	-3.7	0.0	0.0	19.1	-0.0	-0.0	-6.4	-6.4
28	595202.60	4791499.48	2.00	0	0	80.9	80.9	0.0	0.0	69.1	3.6	-3.6	0.0	0.0	19.0	-0.0	-0.0	-7.2	-7.2
29	595205.31	4791498.72	2.00	0	0	83.2	83.2	0.0	0.0	69.1	3.6	-3.6	0.0	0.0	18.3	-0.0	-0.0	-4.2	-4.2
30	595207.85	4791498.01	2.00	0	0	80.1	80.1	0.0	0.0	69.1	3.7	-3.3	0.0	0.0	16.0	-0.0	-0.0	-5.4	-5.4
31	595210.06	4791497.39	2.00	0	0	82.3	82.3	0.0	0.0	69.1	3.7	-3.3	0.0	0.0	16.0	-0.0	-0.0	-3.1	-3.1
32	595212.37	4791496.75	2.00	0	0	80.6	80.6	0.0	0.0	69.1	3.7	-3.4	0.0	0.0	16.0	-0.0	-0.0	-4.7	-4.7
33	595214.32	4791496.20	2.00	0	0	80.9	80.9	0.0	0.0	69.1	3.7	-3.4	0.0	0.0	16.0	-0.0	-0.0	-4.4	-4.4
34	595216.58	4791495.57	2.00	0	0	81.9	81.9	0.0	0.0	69.1	3.7	-3.5	0.0	0.0	16.0	-0.0	-0.0	-3.3	-3.3
35	595218.81	4791494.95	2.00	0	0	80.8	80.8	0.0	0.0	69.1	3.7	-3.6	0.0	0.0	15.9	-0.0	-0.0	-4.4	-4.4
36	595220.84	4791494.38	2.00	0	0	81.1	81.1	0.0	0.0	69.1	3.7	-3.5	0.0	0.0	15.9	-0.0	-0.0	-4.1	-4.1
37	595223.17	4791493.73	2.00	0	0	81.9	81.9	0.0	0.0	69.1	3.7	-3.5	0.0	0.0	15.9	-0.0	-0.0	-3.3	-3.3
38	595225.41	4791493.10	2.00	0	0	80.8	80.8	0.0	0.0	69.1	3.7	-3.5	0.0	0.0	15.9	-0.0	-0.0	-4.4	-4.4
39	595227.48	4791492.52	2.00	0	0	81.3	81.3	0.0	0.0	69.2	3.7	-3.5	0.0	0.0	15.9	-0.0	-0.0	-3.9	-3.9
40	595229.73	4791491.90	2.00	0	0	81.5	81.5	0.0	0.0	69.2	3.7	-3.6	0.0	0.0	15.9	-0.0	-0.0	-3.7	-3.7
41	595231.90	4791491.29	2.00	0	0	81.0	81.0	0.0	0.0	69.2	3.7	-3.6	0.0	0.0	15.9	-0.0	-0.0	-4.2	-4.2
42	595233.90	4791490.73	2.00	0	0	80.8	80.8	0.0	0.0	69.2	3.7	-3.5	0.0	0.0	15.3	-0.0	-0.0	-3.9	-3.9
43	595235.83	4791490.19	2.00	0	0	80.6	80.6	0.0	0.0	69.2	3.7	-3.5	0.0	0.0	13.7	-0.0	-0.0	-2.5	-2.5
44	595238.09	4791489.56	2.00	0	0	82.1	82.1	0.0	0.0	69.2	3.7	-3.4	0.0	0.0	11.6	-0.0	-0.0	1.1	1.1
45	595240.50	4791488.89	2.00	0	0	81.3	81.3	0.0	0.0	69.2	3.7	-3.4	0.0	0.0	10.6	-0.0	-0.0	1.1	1.1
46	595242.30	4791488.38	2.00	0	0	79.4	79.4	0.0	0.0	69.2	3.7	-3.3	0.0	0.0	10.0	-0.0	-0.0	-0.2	-0.2
47	595243.52	4791488.04	2.00	0	0	77.8	77.8	0.0	0.0	69.2	3.7	-3.3	0.0	0.0	8.0	-0.0	-0.0	0.3	0.3
48	595245.07	4791487.61	2.00	0	0	81.1	81.1	0.0	0.0	69.2	3.7	-3.4	0.0	0.0	8.0	-0.0	-0.0	3.6	3.6
49	595259.52	4791483.57	2.00	0	0	92.1	92.1	0.0	0.0	69.3	3.7	-3.4	0.0	0.0	7.8	-0.0	-0.0	14.7	14.7
50	595275.49	4791479.11	2.00	0	0	85.0	85.0	0.0	0.0	69.4	3.7	-3.5	0.0	0.0	5.1	-0.0	-0.0	10.3	10.3
51	595240.88	4791363.97	2.00	0	0	96.3	96.3	0.0	0.0	68.1	3.4	-3.3	0.0	0.0	10.8	-0.0	-0.0	17.2	17.2
52	595187.67	4791378.57	2.00	0	0	93.6	93.6	0.0	0.0	67.8	3.3	-3.3	0.0	0.0	11.5	-0.0	-0.0	14.2	14.2
53	594920.49	4791459.92	2.00	0	0	96.9	96.9	0.0	0.0	67.1	3.1	-3.2	0.0	0.0	0.0	-0.0	-0.0	29.9	29.9
54	594918.82	4791458.24	2.00	0	0	96.7	96.7	0.0	0.0	67.1	3.1	-3.2	0.0	0.0	0.0	-0.0	-0.0	29.7	29.7
55	595039.07	4791547.13	2.00	0	0	88.5	88.5	0.0	0.0	68.6	3.5	-3.8	0.0	0.0	21.6	-0.0	-0.0	-1.4	-1.4
56	595060.13	4791540.66	2.00	0	0	92.8	92.8	0.0	0.0	68.7	3.5	-3.8	0.0	0.0	22.1	-0.0	-0.0	2.3	2.3
57	595079.06	4791534.85	2.00	0	0	86.5	86.5	0.0	0.0	68.7	3.5	-3.9	0.0	0.0	22.2	-0.0	-0.0	-4.0	-4.0
58	595087.54	4791532.25	2.00	0	0	87.8	87.8	0.0	0.0	68.7	3.6	-3.9	0.0	0.0	22.3	-0.0	-0.0	-2.9	-2.9
59	595101.12	4791528.08	2.00	0	0	90.3	90.3	0.0	0.0	68.8	3.6	-3.9	0.0	0.0	22.4	-0.0	-0.0	-0.4	-0.4
60	595292.19	4791421.42	2.00	0	0	88.1	88.1	0.0	0.0	69.0	3.6	-3.5	0.0	0.0	5.8	-0.0	-0.0	13.1	13.1
61	595290.07	4791412.99	2.00	0	0	85.9	85.9	0.0	0.0	68.9	3.6	-3.4	0.0	0.0	21.4	-0.0	-0.0	-4.6	-4.6
62	595289.13	4791409.23	2.00	0	0	78.5	78.5	0.0	0.0	68.9	3.6	-3.5	0.0	0.0	6.3	-0.0	-0.0	3.2	3.2
63	595287.80	4791403.93	2.00	0	0	87.6	87.6	0.0	0.0	68.8	3.6	-3.4	0.0	0.0	20.0	-0.0	-0.0	-1.4	-1.4
64	595281.00	4791376.86	2.00	0	0	94.3	94.3	0.0	0.0	68.6	3.5	-3.4	0.0	0.0	8.1	-0.0	-0.0	17.6	17.6
65	594936.27	4791522.54	2.00	0	0	95.0	95.0	0.0	0.0	68.0	3.3	-3.3	0.0	0.0	0.0	-0.0	-0.0	27.0	27.0
66	594961.16	4791568.51	2.00	0	0	84.0	84.0	0.0	0.0	68.6	3.5	-3.3	0.0	0.0	0.0	-0.0	-0.0	15.2	15.2
67	594980.60	4791563.50	2.00	0	0	93.3	93.3	0.0	0.0	68.6	3.5	-3.5	0.0	0.0	18.6	-0.0	-0.0	6.1	6.1
68	594999.79	4791558.55	2.00	0	0	83.4	83.4	0.0	0.0	68.6	3.5	-3.4	0.0	0.0	17.7	-0.0	-0.0	-3.0	-3.0
69	595007.04	4791556.68	2.00	0	0	88.2	88.2	0.0	0.0	68.6	3.5	-3.2	0.0	0.0	5.3	-0.0	-0.0	14.0	14.0
70	595150.48	4791382.53	2.00	0	0	93.4	93.4	0.0	0.0	67.6	3.3	-3.2	0.0	0.0	12.5	-0.0	-0.0	13.3	13.3
71	594957.09	4791464.46	2.00	0	0	92.6	92.6	0.0	0.0	67.3	3.2	-3.3	0.0	0.0	4.0	-0.0	-0.0	21.3	21.3
72	594965.82	4791430.54	2.00	0	0	92.1	92.1	0.0	0.0	66.9	3.1	-3.2	0.0	0.0	0.0	-0.0	-0.0	25.2	25.2
73	595299.59	4791444.71	2.00	0	0	91.3	91.3	0.0	0.0	69.3	3.7	-3.4	0.0	0.0	15.5	-0.0	-0.0	6.2	6.2
74	595294.72	4791430.27	2.00	0	0	86.5	86.5	0.0	0.0	69.1	3.7	-3.5	0.0	0.0	5.6	-0.0	-0.0	11.6	11.6
75	594940.81	4791501.72	2.00	0	0	90.3	90.3	0.0	0.0	67.7	3.3	-3.2	0.0	0.0	0.0	-0.0	-0.0	22.5	22.5
76	595015.98	4791554.21	2.00	0	0	86.3	86.3	0.0	0.0	68.6	3.5	-3.2	0.0	0.0	4.7	-0.0	-0.0	12.7	12.7
77	595023.82	4791551.80	2.00	0	0	87.3	87.3	0.0	0.0	68.6	3.5	-3.7	0.0	0.0	18.9	-0.0	-0.0	0.0	0.0
78	595030.74	4791549.68	2.00	0	0	85.0	85.0	0.0	0.0	68.6	3.5	-3.7	0.0	0.0	19.4	-0.0	-0.0	-2.9	-2.9
79	594961.46	4791487.29	2.00	0	0	89.7	89.7	0.0	0.0	67.6	3.3	-3.3	0.0	0.0	3.8	-0.0	-0.0	18.3	18.3
80	594945.17	4791556.79	2.00	0	0	90.0	90.0	0.0	0.0	68.4	3.5	-3.3	0.0	0.0	0.0	-0.0	-0.0	21.5	21.5
81	594955.75	4791499.37	2.00	0	0	89.4	89.4	0.0	0.0	67.8	3.3	-3.2	0.0	0.0	2.6	-0.0	-0.0	18.9	18.9
82	595278.99	4791478.08	2.00	0	0	80.6	80.6	0.0	0.0	69.4	3.7	-3.5	0.0	0.0	5.1	-0.0	-0.0	5.9	5.9

Line Source, ISO 9613, Name: "Shipping and Receiving Truck Route", ID: "TR1"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
83	595280.61	4791477.54	2.00	0	0	79.4	79.4	0.0	0.0	69.4	3.7	-3.3	0.0	0.0	14.0	-0.0	-0.0	-4.5	-4.5
84	595287.62	4791475.20	2.00	0	0	88.9	88.9	0.0	0.0	69.4	3.8	-3.5	0.0	0.0	17.8	-0.0	-0.0	1.5	1.5
85	595296.07	4791472.39	2.00	0	0	84.2	84.2	0.0	0.0	69.5	3.8	-3.6	0.0	0.0	17.8	-0.0	-0.0	-3.2	-3.2
86	594953.57	4791443.47	2.00	0	0	88.5	88.5	0.0	0.0	67.0	3.1	-3.1	0.0	0.0	3.6	-0.0	-0.0	17.9	17.9
87	595298.74	4791470.00	2.00	0	0	83.2	83.2	0.0	0.0	69.5	3.8	-3.6	0.0	0.0	18.0	-0.0	-0.0	-4.5	-4.5
88	595301.25	4791461.94	2.00	0	0	89.0	89.0	0.0	0.0	69.4	3.8	-3.5	0.0	0.0	16.4	-0.0	-0.0	2.9	2.9
89	594953.23	4791567.03	2.00	0	0	88.6	88.6	0.0	0.0	68.5	3.5	-3.3	0.0	0.0	0.0	-0.0	-0.0	19.9	19.9
90	595019.40	4791412.20	2.00	1	0	75.4	75.4	0.0	0.0	67.9	82.0	-3.7	0.0	0.0	18.9	-0.0	19.9	-109.7	-109.7
91	594984.14	4791421.86	2.00	1	0	80.4	80.4	0.0	0.0	67.6	22.4	-3.7	0.0	0.0	25.0	-0.0	16.6	-47.4	-47.4
92	595020.77	4791411.83	2.00	1	0	81.7	81.7	0.0	0.0	67.1	7.9	-3.7	0.0	0.0	0.0	-0.0	1.0	9.4	9.4
93	595047.15	4791404.60	2.00	1	0	85.9	85.9	0.0	0.0	67.3	5.0	-3.7	0.0	0.0	17.5	-0.0	1.0	-1.1	-1.1
94	595105.56	4791388.60	2.00	1	0	86.2	86.2	0.0	0.0	68.0	3.4	-3.1	0.0	0.0	8.0	-0.0	1.0	8.9	8.9
95	595094.91	4791391.52	2.00	1	0	89.4	89.4	0.0	0.0	68.0	3.4	-3.1	0.0	0.0	8.1	-0.0	1.0	12.0	12.0
96	595130.08	4791381.89	2.00	1	0	83.7	83.7	0.0	0.0	68.1	3.5	-3.1	0.0	0.0	7.9	-0.0	1.0	6.3	6.3
97	595118.85	4791384.96	2.00	1	0	90.5	90.5	0.0	0.0	68.1	3.4	-3.1	0.0	0.0	7.9	-0.0	1.0	13.2	13.2
98	595061.96	4791400.55	2.00	1	0	91.3	91.3	0.0	0.0	67.3	3.2	-3.1	0.0	0.0	12.1	-0.0	1.0	10.9	10.9
99	595050.28	4791403.75	2.00	1	0	78.7	78.7	0.0	0.0	67.3	3.2	-3.3	0.0	0.0	0.0	-0.0	1.0	10.5	10.5
100	595085.88	4791393.99	2.00	1	0	80.9	80.9	0.0	0.0	68.0	3.4	-3.0	0.0	0.0	8.0	-0.0	1.0	3.5	3.5
101	595081.82	4791395.11	2.00	1	0	85.7	85.7	0.0	0.0	68.0	3.4	-3.0	0.0	0.0	17.1	-0.0	1.0	-0.7	-0.7
102	595052.29	4791403.20	2.00	1	0	84.7	84.7	0.0	0.0	67.9	3.4	-2.9	0.0	0.0	23.3	-0.0	1.0	-7.9	-7.9
103	595045.76	4791404.98	2.00	1	0	86.9	86.9	0.0	0.0	67.9	3.4	-3.2	0.0	0.0	0.0	-0.0	1.0	17.9	17.9
104	595037.60	4791407.22	2.00	1	0	87.3	87.3	0.0	0.0	67.8	3.4	-3.2	0.0	0.0	0.0	-0.0	1.0	18.3	18.3
105	595015.90	4791413.16	2.00	1	0	93.2	93.2	0.0	0.0	67.8	3.4	-3.2	0.0	0.0	0.0	-0.0	1.0	24.2	24.2
106	594991.04	4791419.97	2.00	1	0	89.6	89.6	0.0	0.0	67.7	3.4	-3.1	0.0	0.0	0.0	-0.0	1.0	20.6	20.6
107	594983.04	4791422.16	2.00	1	0	76.9	76.9	0.0	0.0	67.7	3.3	-2.8	0.0	0.0	9.3	-0.0	1.0	-1.6	-1.6
108	594978.33	4791423.45	2.00	1	0	79.6	79.6	0.0	0.0	67.2	3.2	-3.1	0.0	0.0	0.0	-0.0	1.0	11.3	11.3
109	595127.56	4791520.45	2.00	1	0	88.2	88.2	0.0	0.0	69.6	3.9	-3.1	0.0	0.0	9.8	-0.0	1.0	7.1	7.1
110	595138.61	4791517.36	2.00	1	0	88.3	88.3	0.0	0.0	69.6	3.9	-3.1	0.0	0.0	10.4	-0.0	1.0	6.6	6.6
111	595146.87	4791515.05	2.00	1	0	85.1	85.1	0.0	0.0	69.6	3.9	-3.1	0.0	0.0	10.3	-0.0	1.0	3.4	3.4
112	595154.73	4791512.85	2.00	1	0	88.0	88.0	0.0	0.0	69.6	3.9	-3.1	0.0	0.0	10.3	-0.0	1.0	6.3	6.3
113	595168.68	4791508.96	2.00	1	0	90.3	90.3	0.0	0.0	69.7	3.9	-3.3	0.0	0.0	7.4	-0.0	1.0	11.6	11.6
114	595179.42	4791505.95	2.00	1	0	83.8	83.8	0.0	0.0	69.7	3.9	-3.3	0.0	0.0	6.8	-0.0	1.0	5.6	5.6
115	595182.70	4791505.04	2.00	1	0	82.0	82.0	0.0	0.0	69.7	3.9	-3.3	0.0	0.0	6.0	-0.0	1.0	4.8	4.8
116	595184.46	4791504.55	2.00	1	0	77.3	77.3	0.0	0.0	69.7	3.9	-3.3	0.0	0.0	6.0	-0.0	1.0	0.1	0.1
117	595195.82	4791501.37	2.00	1	0	82.4	82.4	0.0	0.0	70.1	4.5	-3.7	0.0	0.0	5.2	-0.0	1.0	5.2	5.2
118	595198.26	4791500.69	2.00	1	0	79.8	79.8	0.0	0.0	70.1	4.5	-3.7	0.0	0.0	5.2	-0.0	1.0	2.6	2.6
119	595200.35	4791500.11	2.00	1	0	81.3	81.3	0.0	0.0	70.1	4.5	-3.6	0.0	0.0	7.4	-0.0	1.0	1.9	1.9
120	595203.06	4791499.35	2.00	1	0	82.1	82.1	0.0	0.0	70.1	4.5	-3.7	0.0	0.0	7.4	-0.0	1.0	2.8	2.8
121	595205.49	4791498.67	2.00	1	0	80.3	80.3	0.0	0.0	70.1	4.5	-3.6	0.0	0.0	7.4	-0.0	1.0	0.9	0.9
122	595207.61	4791498.08	2.00	1	0	81.1	81.1	0.0	0.0	70.1	4.5	-3.7	0.0	0.0	7.4	-0.0	1.0	1.7	1.7
123	595210.30	4791497.33	2.00	1	0	82.3	82.3	0.0	0.0	70.1	4.5	-3.7	0.0	0.0	7.4	-0.0	1.0	2.9	2.9
124	595212.74	4791496.65	2.00	1	0	80.1	80.1	0.0	0.0	70.1	4.5	-3.6	0.0	0.0	7.4	-0.0	1.0	0.7	0.7
125	595214.90	4791496.04	2.00	1	0	81.4	81.4	0.0	0.0	70.1	4.5	-3.7	0.0	0.0	7.4	-0.0	1.0	2.0	2.0
126	595217.70	4791495.26	2.00	1	0	82.4	82.4	0.0	0.0	70.2	4.5	-3.6	0.0	0.0	7.4	-0.0	1.0	2.9	2.9
127	595220.14	4791494.58	2.00	1	0	79.9	79.9	0.0	0.0	70.2	4.5	-3.7	0.0	0.0	7.4	-0.0	1.0	0.4	0.4
128	595222.20	4791494.00	2.00	1	0	81.2	81.2	0.0	0.0	70.2	4.5	-3.7	0.0	0.0	7.4	-0.0	1.0	1.7	1.7
129	595224.83	4791493.27	2.00	1	0	82.0	82.0	0.0	0.0	70.2	4.5	-3.7	0.0	0.0	7.5	-0.0	1.0	2.5	2.5
130	595227.28	4791492.58	2.00	1	0	80.4	80.4	0.0	0.0	70.2	4.5	-3.6	0.0	0.0	8.2	-0.0	1.0	0.2	0.2
131	595229.57	4791491.94	2.00	1	0	81.6	81.6	0.0	0.0	70.2	4.6	-3.7	0.0	0.0	9.4	-0.0	1.0	0.1	0.1
132	595232.21	4791491.20	2.00	1	0	81.7	81.7	0.0	0.0	70.2	4.6	-3.6	0.0	0.0	9.4	-0.0	1.0	0.2	0.2
133	595234.67	4791490.52	2.00	1	0	80.9	80.9	0.0	0.0	70.2	4.6	-3.7	0.0	0.0	9.4	-0.0	1.0	-0.6	-0.6
134	595237.69	4791489.67	2.00	1	0	83.2	83.2	0.0	0.0	70.2	4.6	-3.6	0.0	0.0	9.4	-0.0	1.0	1.7	1.7
135	595240.52	4791488.88	2.00	1	0	80.1	80.1	0.0	0.0	70.2	4.6	-3.6	0.0	0.0	9.4	-0.0	1.0	-1.5	-1.5
136	595242.97	4791488.20	2.00	1	0	82.3	82.3	0.0	0.0	70.2	4.6	-3.7	0.0	0.0	9.4	-0.0	1.0	0.8	0.8
137	595245.53	4791487.48	2.00	1	0	80.6	80.6	0.0	0.0	70.2	4.6	-3.6	0.0	0.0	9.4	-0.0	1.0	-1.0	-1.0
138	595247.70	4791486.88	2.00	1	0	80.9	80.9	0.0	0.0	70.2	4.6	-3.6	0.0	0.0	9.4	-0.0	1.0	-0.6	-0.6
139	595250.21	4791486.17	2.00	1	0	81.9	81.9	0.0	0.0	70.2	4.6	-3.6	0.0	0.0	9.4	-0.0	1.0	0.3	0.3
140	595252.69	4791485.48	2.00	1	0	80.8	80.8	0.0	0.0	70.3	4.6	-3.6	0.0	0.0	9.4	-0.0	1.0	-0.8	-0.8
141	595254.94	4791484.85	2.00	1	0	81.1	81.1	0.0	0.0	70.3	4.6	-3.6	0.0	0.0	9.4	-0.0	1.0	-0.4	-0.4
142	595257.28	4791484.20	2.00	1	0	81.1	81.1	0.0	0.0	70.3	4.6	-3.6	0.0	0.0	9.4	-0.0	1.0	-0.4	-0.4
143	595145.76	4791515.36	2.00	1	0	81.4	81.4	0.0	0.0	69.0	9.4	-3.9	0.0	0.0	15.9	-0.0	1.0	-10.0	-10.0
144	595145.79	4791515.35	2.00	1	0	62.9	62.9	0.0	0.0	69.0	93.3	-4.0	0.0	0.0	25.0	-0.0	1.0	-121.4	-121.4
145	595220.31	4791494.53	2.00	1	0	80.2	80.2	0.0	0.0	69.5	4.1	-3.4	0.0	0.0	15.1	-0.0	1.0	-6.1	-6.1
146	595222.12	4791494.02	2.00	1	0	80.3	80.3	0.0	0.0	69.5	4.1	-3.4	0.0	0.0	15.1	-0.0	1.0	-6.0	-6.0
147	595232.74	4791491.06	2.00	1	0	82.3	82.3	0.0	0.0	69.5	4.1	-3.4	0.0	0.0	15.2	-0.0	1.0	-4.0	-4.0
148	595238.93	4791489.32	2.00	1	0	87.4	87.4	0.0	0.0	69.4	4.0	-3.3	0.0	0.0	15.3	-0.0	1.0	1.0	1.0
149	595244.05	4791487.90	2.00	1	0	76.5	76.5	0.0	0.0	69.4	3.8	-3.0	0.0	0.0	14.4	-0.0	1.0	-9.1	

Line Source, ISO 9613, Name: "Shipping and Receiving Truck Route", ID: "TR1"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	AhouS dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
150	595213.20	4791496.52	2.00	1	0	80.2	80.2	0.0	0.0	69.4	5.9	-3.9	0.0	0.0	5.2	-0.0	1.0	2.6	2.6
151	595215.70	4791495.82	2.00	1	0	79.9	79.9	0.0	0.0	69.4	5.9	-3.9	0.0	0.0	5.2	-0.0	1.0	2.3	2.3
152	595218.01	4791495.17	2.00	1	0	79.5	79.5	0.0	0.0	69.4	5.9	-3.9	0.0	0.0	5.3	-0.0	1.0	1.9	1.9
153	595219.97	4791494.62	2.00	1	0	78.4	78.4	0.0	0.0	69.4	5.9	-3.9	0.0	0.0	5.3	-0.0	1.0	0.8	0.8
154	595220.87	4791494.37	2.00	1	0	65.9	65.9	0.0	0.0	69.4	5.9	-3.9	0.0	0.0	5.3	-0.0	1.0	-11.8	-11.8
155	595240.88	4791363.97	2.00	1	0	92.3	92.3	0.0	0.0	68.8	9.3	-4.1	0.0	0.0	9.2	-0.0	16.5	-7.3	-7.3
156	595240.88	4791363.97	2.00	1	0	94.4	94.4	0.0	0.0	68.6	5.5	-4.0	0.0	0.0	9.3	-0.0	14.5	0.6	0.6
157	595187.67	4791378.57	2.00	1	0	73.6	73.6	0.0	0.0	69.3	96.0	-4.1	0.0	0.0	8.9	-0.0	20.4	-117.0	-117.0
158	595187.67	4791378.57	2.00	1	0	85.0	85.0	0.0	0.0	69.2	26.9	-4.1	0.0	0.0	8.0	-0.0	19.6	-34.6	-34.6
159	595188.29	4791378.40	2.00	1	0	90.0	90.0	0.0	0.0	68.6	4.0	-3.8	0.0	0.0	11.2	-0.0	1.0	9.0	9.0
160	595258.95	4791359.01	2.00	1	0	85.2	85.2	0.0	0.0	68.8	3.7	-3.4	0.0	0.0	6.3	-0.0	1.0	8.8	8.8
161	595250.30	4791361.38	2.00	1	0	88.5	88.5	0.0	0.0	68.8	3.6	-3.4	0.0	0.0	6.4	-0.0	1.0	12.1	12.1
162	595209.16	4791372.67	2.00	1	0	91.1	91.1	0.0	0.0	68.8	4.1	-3.7	0.0	0.0	6.3	-0.0	1.0	14.7	14.7
163	595246.40	4791362.45	2.00	1	0	82.5	82.5	0.0	0.0	68.9	3.9	-3.3	0.0	0.0	21.7	-0.0	1.0	-9.7	-9.7
164	595242.80	4791363.44	2.00	1	0	83.8	83.8	0.0	0.0	68.9	3.9	-3.5	0.0	0.0	6.0	-0.0	1.0	7.5	7.5
165	595238.10	4791364.73	2.00	1	0	84.8	84.8	0.0	0.0	68.9	3.9	-3.5	0.0	0.0	6.0	-0.0	1.0	8.6	8.6
166	595178.53	4791381.08	2.00	1	0	90.7	90.7	0.0	0.0	68.7	3.5	-3.4	0.0	0.0	6.0	-0.0	1.0	14.8	14.8
167	594920.49	4791459.92	2.00	1	0	76.9	76.9	0.0	0.0	68.0	82.6	-3.8	0.0	0.0	23.0	-0.0	20.6	-113.5	-113.5
168	594918.82	4791458.24	2.00	1	0	76.7	76.7	0.0	0.0	68.0	82.8	-3.8	0.0	0.0	22.6	-0.0	20.6	-113.5	-113.5
169	595281.00	4791376.86	2.00	1	0	74.3	74.3	0.0	0.0	68.7	89.7	-4.0	0.0	0.0	15.0	-0.0	17.5	-112.6	-112.6
170	595281.00	4791376.86	2.00	1	0	74.3	74.3	0.0	0.0	68.6	88.9	-4.0	0.0	0.0	16.0	-0.0	19.4	-114.5	-114.5
171	595010.30	4791555.84	2.00	1	0	82.5	82.5	0.0	0.0	68.6	5.5	-3.7	0.0	0.0	5.4	-0.0	1.0	5.6	5.6
172	595150.48	4791382.53	2.00	1	0	84.8	84.8	0.0	0.0	69.6	28.1	-4.1	0.0	0.0	6.0	-0.0	21.1	-35.9	-35.9
173	595142.59	4791382.03	2.00	1	0	90.9	90.9	0.0	0.0	68.1	3.5	-3.2	0.0	0.0	8.2	-0.0	1.0	13.3	13.3
174	595164.18	4791383.40	2.00	1	0	87.5	87.5	0.0	0.0	68.7	3.5	-3.2	0.0	0.0	13.8	-0.0	1.0	3.7	3.7
175	595155.79	4791382.87	2.00	1	0	86.3	86.3	0.0	0.0	68.7	3.5	-3.6	0.0	0.0	17.6	-0.0	1.0	-0.9	-0.9
176	595148.85	4791382.43	2.00	1	0	85.2	85.2	0.0	0.0	69.1	4.0	-3.6	0.0	0.0	21.5	-0.0	1.0	-6.8	-6.8
177	594957.09	4791464.46	2.00	1	0	72.6	72.6	0.0	0.0	67.6	78.8	-3.8	0.0	0.0	25.0	-0.0	18.4	-113.5	-113.5
178	594957.09	4791464.46	2.00	1	0	92.2	92.2	0.0	0.0	69.2	4.2	-3.6	0.0	0.0	4.8	-0.0	2.0	15.6	15.6
179	594965.82	4791430.54	2.00	1	0	88.1	88.1	0.0	0.0	67.5	8.2	-3.8	0.0	0.0	25.0	-0.0	15.7	-24.6	-24.6
180	594976.73	4791424.16	2.00	1	0	80.6	80.6	0.0	0.0	67.2	3.2	-3.1	0.0	0.0	0.0	-0.0	1.0	12.3	12.3
181	594974.52	4791425.45	2.00	1	0	82.6	82.6	0.0	0.0	67.2	3.2	-3.1	0.0	0.0	0.0	-0.0	1.0	14.3	14.3
182	594964.94	4791431.06	2.00	1	0	90.5	90.5	0.0	0.0	67.2	3.2	-3.2	0.0	0.0	0.0	-0.0	1.0	22.4	22.4
183	594947.06	4791503.02	2.00	1	0	84.6	84.6	0.0	0.0	68.8	4.1	-3.5	0.0	0.0	0.0	-0.0	2.0	13.1	13.1
184	595014.23	4791554.74	2.00	1	0	81.5	81.5	0.0	0.0	68.6	5.5	-3.8	0.0	0.0	17.1	-0.0	1.0	-7.0	-7.0
185	594961.46	4791487.29	2.00	1	0	89.3	89.3	0.0	0.0	69.0	4.1	-3.6	0.0	0.0	4.8	-0.0	2.0	13.0	13.0
186	594955.75	4791499.37	2.00	1	0	88.9	88.9	0.0	0.0	68.8	4.1	-3.5	0.0	0.0	4.8	-0.0	2.0	12.7	12.7
187	595292.79	4791473.48	2.00	1	0	84.4	84.4	0.0	0.0	70.2	10.6	-4.0	0.0	0.0	5.3	-0.0	1.0	1.3	1.3
188	594953.57	4791443.47	2.00	1	0	79.9	79.9	0.0	0.0	67.6	22.4	-3.8	0.0	0.0	25.0	-0.0	16.8	-48.0	-48.0
189	594953.57	4791443.47	2.00	1	0	86.7	86.7	0.0	0.0	69.4	5.9	-3.8	0.0	0.0	4.8	-0.0	2.0	8.5	8.5
190	595300.61	4791463.99	2.00	1	0	85.8	85.8	0.0	0.0	70.3	10.7	-4.0	0.0	0.0	5.1	-0.0	1.0	2.8	2.8
191	595303.13	4791455.93	2.00	1	0	72.7	72.7	0.0	0.0	70.4	10.8	-4.0	0.0	0.0	4.8	-0.0	1.0	-10.2	-10.2

Area Source, ISO 9613, Name: "Dry RDF Storage Building Roof", ID: "DryRDFStorageBldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	AhouS dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595103.33	4791470.62	14.00	0	0	71.6	71.6	0.0	0.0	68.2	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	0.2	0.2
2	595106.56	4791465.52	14.00	0	0	78.7	78.7	0.0	0.0	68.1	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	7.3	7.3
3	595108.97	4791461.79	14.00	0	0	75.5	75.5	0.0	0.0	68.1	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	4.1	4.1
4	595112.10	4791457.05	14.00	0	0	82.6	82.6	0.0	0.0	68.1	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	11.2	11.2
5	595112.26	4791441.85	14.00	0	0	82.9	82.9	0.0	0.0	67.9	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	11.7	11.7
6	595100.24	4791431.03	14.00	0	0	84.5	84.5	0.0	0.0	67.7	0.8	-2.2	0.0	0.0	4.8	-0.0	-0.0	13.5	13.5
7	595096.32	4791438.15	14.00	0	0	71.0	71.0	0.0	0.0	67.8	0.8	-2.2	0.0	0.0	4.8	-0.0	-0.0	-0.1	-0.1
8	595096.76	4791441.27	14.00	0	0	77.0	77.0	0.0	0.0	67.8	0.8	-2.2	0.0	0.0	4.8	-0.0	-0.0	5.9	5.9
9	595098.22	4791451.38	14.00	0	0	80.3	80.3	0.0	0.0	67.9	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	9.1	9.1
10	595100.26	4791465.33	14.00	0	0	73.5	73.5	0.0	0.0	68.1	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	2.1	2.1
11	595118.31	4791459.05	14.00	1	0	76.3	76.3	0.0	0.0	70.2	1.5	-2.9	0.0	0.0	4.8	-0.0	1.0	1.8	1.8

Area Source, ISO 9613, Name: "Wet RDF Building Roof", ID: "WetRDFBldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	AhouS dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595086.85	4791425.33	14.00	0	0	67.3	67.3	0.0	0.0	67.6	0.5	-2.3	0.0	0.0	4.8	-0.0	-0.0	-3.2	-3.2
2	595083.49	4791428.39	14.00	0	0	79.8	79.8	0.0	0.0	67.6	0.5	-2.3	0.0	0.0	4.8	-0.0	-0.0	9.2	9.2
3	595079.85	4791431.73	14.00	0	0	81.3	81.3	0.0	0.0	67.6	0.5	-2.3	0.0	0.0	4.8	-0.0	-0.0	10.8	10.8
4	595072.99	4791438.11	14.00	0	0	88.6	88.6	0.0	0.0	67.6	0.5	-2.3	0.0	0.0	4.4	-0.0	-0.0	18.4	18.4
5	595066.35	4791444.36	14.00	0	0	87.2	87.2	0.0	0.0	67.7	0.5	-2.3	0.0	0.0	4.8	-0.0	-0.0	16.6	16.6
6	595058.96	4791451.43	14.00	0	0	91.7	91.7	0.0	0.0	67.7	0.5	-2.3	0.0	0.0	0.0	-0.0	-0.0	25.9	25.9
7	595054.41	4791456.17	14.00	0	0	74.2	74.2	0.0	0.0	67.7	0.5	-2.2	0.0	0.0	0.0	-0.0	-0.0	8.3	8.3

Area Source, ISO 9613, Name: "Wet RDF Building Roof", ID: "WetRDFBldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Ref.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
8	595055.79	4791465.85	14.00	0	0	87.8	87.8	0.0	0.0	67.8	0.5	-2.3	0.0	0.0	2.4	-0.0	-0.0	19.4	19.4
9	595063.35	4791480.67	14.00	0	0	81.2	81.2	0.0	0.0	68.0	0.5	-2.3	0.0	0.0	2.2	-0.0	-0.0	12.8	12.8
10	595071.71	4791473.12	14.00	0	0	88.3	88.3	0.0	0.0	68.0	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	22.2	22.2
11	595078.78	4791466.83	14.00	0	0	87.1	87.1	0.0	0.0	68.0	0.5	-2.4	0.0	0.0	2.4	-0.0	-0.0	18.7	18.7
12	595086.49	4791460.09	14.00	0	0	91.6	91.6	0.0	0.0	68.0	0.5	-2.4	0.0	0.0	4.8	-0.0	-0.0	20.8	20.8
13	595091.24	4791455.84	14.00	0	0	71.2	71.2	0.0	0.0	67.9	0.5	-2.4	0.0	0.0	4.8	-0.0	-0.0	0.4	0.4
14	595090.62	4791450.48	14.00	0	0	86.7	86.7	0.0	0.0	67.9	0.5	-2.4	0.0	0.0	4.8	-0.0	-0.0	16.0	16.0
15	595089.26	4791438.32	14.00	0	0	85.0	85.0	0.0	0.0	67.7	0.5	-2.3	0.0	0.0	4.8	-0.0	-0.0	14.4	14.4
16	595088.11	4791427.46	14.00	0	0	72.4	72.4	0.0	0.0	67.6	0.5	-2.3	0.0	0.0	4.8	-0.0	-0.0	1.9	1.9
17	595055.14	4791456.43	14.00	1	0	62.5	62.5	0.0	0.0	67.8	8.0	-2.6	0.0	0.0	0.0	-0.0	1.0	-11.6	-11.6
18	595057.66	4791458.89	14.00	1	0	71.5	71.5	0.0	0.0	67.8	2.8	-2.6	0.0	0.0	4.8	-0.0	1.0	-2.3	-2.3
19	595047.23	4791440.46	14.00	1	0	55.3	55.3	0.0	0.0	67.8	8.0	-2.6	0.0	0.0	4.8	-0.0	1.0	-23.7	-23.7
20	595048.98	4791442.91	14.00	1	0	53.0	53.0	0.0	0.0	67.8	8.0	-2.6	0.0	0.0	4.8	-0.0	1.0	-26.0	-26.0
21	595049.47	4791443.59	14.00	1	0	37.3	37.3	0.0	0.0	67.8	8.0	-2.6	0.0	0.0	4.8	-0.0	1.0	-41.7	-41.7
22	595059.75	4791483.74	14.00	1	0	45.0	45.0	0.0	0.0	68.1	8.2	-2.6	0.0	0.0	0.0	-0.0	1.0	-29.7	-29.7

Area Source, ISO 9613, Name: "Waste Storage Building Roof", ID: "WasteStorageBldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Ref.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	594989.44	4791455.56	14.00	0	0	66.1	66.1	0.0	0.0	67.4	0.4	-2.3	0.0	0.0	0.0	-0.0	-0.0	0.5	0.5
2	595002.97	4791478.71	14.00	0	0	84.6	84.6	0.0	0.0	67.7	0.5	-2.3	0.0	0.0	0.0	-0.0	-0.0	18.7	18.7
3	595014.75	4791489.13	14.00	0	0	89.4	89.4	0.0	0.0	67.9	0.5	-2.3	0.0	0.0	0.0	-0.0	-0.0	23.4	23.4
4	595029.15	4791479.90	14.00	0	0	91.4	91.4	0.0	0.0	67.9	0.5	-2.3	0.0	0.0	4.8	-0.0	-0.0	20.6	20.6
5	595046.57	4791469.67	14.00	0	0	79.3	79.3	0.0	0.0	67.8	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	13.4	13.4
6	595050.99	4791467.28	14.00	0	0	69.6	69.6	0.0	0.0	67.8	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	3.7	3.7
7	595033.68	4791529.64	14.00	0	0	80.2	80.2	0.0	0.0	68.4	0.5	-2.5	0.0	0.0	4.8	-0.0	-0.0	8.9	8.9
8	595049.92	4791511.85	14.00	0	0	90.7	90.7	0.0	0.0	68.3	0.5	-2.4	0.0	0.0	4.8	-0.0	-0.0	19.6	19.6
9	595057.23	4791491.63	14.00	0	0	84.3	84.3	0.0	0.0	68.1	0.5	-2.5	0.0	0.0	0.0	-0.0	-0.0	18.1	18.1
10	595053.99	4791473.36	14.00	0	0	74.3	74.3	0.0	0.0	67.9	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	8.3	8.3
11	594988.27	4791452.66	14.00	0	0	52.9	52.9	0.0	0.0	67.3	0.4	-2.2	0.0	0.0	0.0	-0.0	-0.0	-12.7	-12.7
12	594999.08	4791452.56	14.00	0	0	79.2	79.2	0.0	0.0	67.4	0.4	-2.2	0.0	0.0	0.0	-0.0	-0.0	13.6	13.6
13	595026.91	4791452.43	14.00	0	0	88.9	88.9	0.0	0.0	67.5	0.4	-2.3	0.0	0.0	0.0	-0.0	-0.0	23.2	23.2
14	595044.19	4791452.42	14.00	0	0	80.4	80.4	0.0	0.0	67.6	0.5	-2.3	0.0	0.0	0.0	-0.0	-0.0	14.6	14.6
15	595045.30	4791447.13	14.00	0	0	80.2	80.2	0.0	0.0	67.6	0.5	-2.3	0.0	0.0	0.0	-0.0	-0.0	14.5	14.5
16	595012.54	4791506.53	14.00	0	0	84.3	84.3	0.0	0.0	68.1	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	18.1	18.1
17	595004.94	4791494.23	14.00	0	0	78.9	78.9	0.0	0.0	67.9	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	12.9	12.9
18	595005.81	4791503.59	14.00	0	0	85.6	85.6	0.0	0.0	68.0	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	19.6	19.6
19	595009.90	4791524.67	14.00	0	0	75.0	75.0	0.0	0.0	68.3	0.5	-2.5	0.0	0.0	0.4	-0.0	-0.0	8.3	8.3
20	595051.78	4791468.89	14.00	0	0	58.5	58.5	0.0	0.0	67.9	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	-7.4	-7.4
21	595039.32	4791500.43	14.00	0	0	80.9	80.9	0.0	0.0	68.1	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	14.7	14.7
22	595029.74	4791524.67	14.00	0	0	79.0	79.0	0.0	0.0	68.4	0.5	-2.5	0.0	0.0	0.0	-0.0	-0.0	12.6	12.6
23	595027.29	4791533.11	14.00	0	0	66.6	66.6	0.0	0.0	68.4	0.5	-2.5	0.0	0.0	0.0	-0.0	-0.0	0.2	0.2
24	595047.91	4791470.77	14.00	1	0	57.3	57.3	0.0	0.0	67.9	1.3	-2.3	0.0	0.0	0.0	-0.0	1.0	-10.6	-10.6
25	595050.99	4791503.84	14.00	1	0	61.5	61.5	0.0	0.0	68.3	2.0	-2.7	0.0	0.0	0.0	-0.0	1.0	-7.1	-7.1
26	595061.08	4791508.35	14.00	1	0	50.3	50.3	0.0	0.0	68.4	24.6	-2.7	0.0	0.0	4.8	-0.0	1.0	-45.8	-45.8
27	595058.05	4791503.10	14.00	1	0	53.5	53.5	0.0	0.0	68.3	24.5	-2.7	0.0	0.0	4.8	-0.0	1.0	-42.4	-42.4
28	594988.27	4791452.66	14.00	1	0	12.2	12.2	0.0	0.0	67.4	76.9	-2.4	0.0	0.0	0.0	-0.0	16.5	-146.1	-146.1
29	594999.08	4791452.56	14.00	1	0	38.6	38.6	0.0	0.0	67.5	78.0	-2.4	0.0	0.0	0.0	-0.0	18.4	-122.9	-122.9
30	595046.17	4791452.14	14.00	1	0	65.6	65.6	0.0	0.0	67.6	0.6	-1.7	0.0	0.0	0.0	-0.0	1.0	-2.0	-2.0
31	595024.78	4791451.55	14.00	1	0	50.3	50.3	0.0	0.0	67.6	22.5	-2.5	0.0	0.0	4.8	-0.0	1.0	-43.1	-43.1
32	595021.54	4791451.64	14.00	1	0	47.5	47.5	0.0	0.0	67.6	22.5	-2.5	0.0	0.0	0.0	-0.0	1.0	-41.1	-41.1
33	595048.00	4791458.20	14.00	1	0	49.4	49.4	0.0	0.0	68.0	8.1	-2.7	0.0	0.0	4.8	-0.0	1.0	-29.9	-29.9
34	595045.44	4791453.97	14.00	1	0	56.9	56.9	0.0	0.0	68.0	8.1	-2.7	0.0	0.0	4.8	-0.0	1.0	-22.3	-22.3
35	595043.52	4791450.83	14.00	1	0	47.7	47.7	0.0	0.0	67.9	8.1	-2.7	0.0	0.0	4.8	-0.0	1.0	-31.5	-31.5
36	595041.15	4791450.61	14.00	1	0	58.1	58.1	0.0	0.0	67.9	8.1	-2.6	0.0	0.0	4.8	-0.0	1.0	-21.0	-21.0
37	595048.51	4791477.21	14.00	1	0	46.8	46.8	0.0	0.0	68.0	1.9	-2.6	0.0	0.0	4.8	-0.0	1.0	-26.3	-26.3

Area Source, ISO 9613, Name: "Fuel Preperation Building Roof", ID: "FuelPrepBldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Ref.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595104.33	4791477.65	14.00	0	0	64.1	64.1	0.0	0.0	68.3	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	-7.4	-7.4
2	595098.71	4791481.11	14.00	0	0	81.7	81.7	0.0	0.0	68.3	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	10.1	10.1
3	595090.68	4791486.10	14.00	0	0	86.2	86.2	0.0	0.0	68.3	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	14.6	14.6
4	595080.21	4791492.70	14.00	0	0	89.9	89.9	0.0	0.0	68.3	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	18.3	18.3
5	595070.55	4791498.87	14.00	0	0	89.7	89.7	0.0	0.0	68.3	0.9	-2.3	0.0	0.0	4.8	-0.0	-0.0	18.0	18.0
6	595066.63	4791501.40	14.00	0	0	71.9	71.9	0.0	0.0	68.3	0.9	-2.3	0.0	0.0	4.8	-0.0	-0.0	0.2	0.2
7	595067.55	4791508.81	14.00	0	0	85.9	85.9	0.0	0.0	68.4	0.9	-2.3	0.0	0.0	4.8	-0.0	-0.0	14.2	14.2
8	595069.60	4791523.56	14.00	0	0	51.9	51.9	0.0	0.0	68.5	1.0	-2.4	0.0	0.0	0.0	-0.0	-0.0	-15.2	-15.2

Area Source, ISO 9613, Name: "Fuel Preperation Building Roof", ID: "FuelPrepBldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
9	595069.72	4791523.79	14.00	0	0	40.3	40.3	0.0	0.0	68.5	1.0	-2.4	0.0	0.0	0.0	-0.0	-0.0	-26.8	-26.8
10	595073.35	4791520.32	14.00	0	0	74.8	74.8	0.0	0.0	68.5	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	2.9	2.9
11	595079.36	4791514.57	14.00	0	0	81.2	81.2	0.0	0.0	68.5	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	9.4	9.4
12	595088.52	4791505.84	14.00	0	0	85.9	85.9	0.0	0.0	68.5	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	14.2	14.2
13	595097.64	4791497.18	14.00	0	0	86.4	86.4	0.0	0.0	68.4	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	14.7	14.7
14	595102.61	4791492.46	14.00	0	0	81.6	81.6	0.0	0.0	68.4	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	9.9	9.9
15	595104.17	4791486.88	14.00	0	0	82.9	82.9	0.0	0.0	68.3	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	11.3	11.3
16	595104.99	4791478.81	14.00	0	0	68.0	68.0	0.0	0.0	68.3	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	-3.5	-3.5
17	595074.08	4791521.82	14.00	0	0	74.1	74.1	0.0	0.0	68.5	1.0	-2.4	0.0	0.0	4.8	-0.0	-0.0	2.2	2.2
18	595081.35	4791518.48	14.00	0	0	80.6	80.6	0.0	0.0	68.5	1.0	-2.4	0.0	0.0	4.8	-0.0	-0.0	8.7	8.7
19	595092.50	4791513.37	14.00	0	0	85.3	85.3	0.0	0.0	68.5	1.0	-2.5	0.0	0.0	4.8	-0.0	-0.0	13.5	13.5
20	595103.62	4791508.29	14.00	0	0	85.8	85.8	0.0	0.0	68.6	1.0	-2.5	0.0	0.0	4.8	-0.0	-0.0	14.0	14.0
21	595108.27	4791505.97	14.00	0	0	67.9	67.9	0.0	0.0	68.6	1.0	-2.5	0.0	0.0	4.8	-0.0	-0.0	-3.8	-3.8
22	595108.06	4791503.33	14.00	0	0	77.7	77.7	0.0	0.0	68.5	1.0	-2.5	0.0	0.0	4.8	-0.0	-0.0	5.9	5.9
23	595058.61	4791485.10	14.00	0	0	34.3	34.3	0.0	0.0	68.1	0.9	-2.3	0.0	0.0	4.8	-0.0	-0.0	-37.2	-37.2
24	595064.86	4791483.75	14.00	0	0	71.0	71.0	0.0	0.0	68.1	0.9	-2.3	0.0	0.0	4.8	-0.0	-0.0	-0.5	-0.5
25	595076.06	4791481.33	14.00	0	0	78.1	78.1	0.0	0.0	68.1	0.9	-2.3	0.0	0.0	4.8	-0.0	-0.0	6.7	6.7
26	595087.73	4791478.81	14.00	0	0	79.3	79.3	0.0	0.0	68.2	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	7.8	7.8
27	595097.86	4791476.62	14.00	0	0	80.3	80.3	0.0	0.0	68.2	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	8.9	8.9
28	595103.34	4791475.43	14.00	0	0	72.7	72.7	0.0	0.0	68.2	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	1.3	1.3
29	595104.15	4791474.53	14.00	0	0	69.2	69.2	0.0	0.0	68.2	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	-2.3	-2.3
30	595107.68	4791498.47	14.00	0	0	27.5	27.5	0.0	0.0	68.5	0.9	-2.5	0.0	0.0	4.8	-0.0	-0.0	-44.3	-44.3
31	595109.14	4791492.04	14.00	0	0	82.4	82.4	0.0	0.0	68.4	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	10.7	10.7
32	595109.56	4791488.04	14.00	0	0	70.5	70.5	0.0	0.0	68.4	0.9	-2.5	0.0	0.0	4.8	-0.0	-0.0	-1.1	-1.1
33	595107.86	4791483.83	14.00	0	0	75.1	75.1	0.0	0.0	68.3	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	3.5	3.5
34	595108.43	4791480.73	14.00	0	0	78.2	78.2	0.0	0.0	68.3	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	6.5	6.5
35	595110.34	4791487.29	14.00	0	0	75.5	75.5	0.0	0.0	68.4	0.9	-2.5	0.0	0.0	4.8	-0.0	-0.0	3.9	3.9
36	595113.55	4791494.95	14.00	0	0	58.5	58.5	0.0	0.0	68.5	0.9	-2.5	0.0	0.0	4.8	-0.0	-0.0	-13.2	-13.2
37	595058.92	4791485.91	14.00	1	0	44.8	44.8	0.0	0.0	68.1	7.3	-2.7	0.0	0.0	4.8	-0.0	1.0	-33.8	-33.8
38	595060.10	4791488.19	14.00	1	0	55.8	55.8	0.0	0.0	68.2	7.3	-2.7	0.0	0.0	4.8	-0.0	1.0	-22.8	-22.8
39	595059.78	4791484.85	14.00	1	0	38.8	38.8	0.0	0.0	68.1	7.3	-2.7	0.0	0.0	5.4	-0.0	1.0	-40.4	-40.4

Area Source, ISO 9613, Name: "EngineRoomRoof", ID: "EngineRoomRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595256.43	4791436.23	16.60	0	0	84.9	84.9	0.0	0.0	68.9	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	12.4	12.4
2	595260.29	4791430.67	16.60	0	0	85.3	85.3	0.0	0.0	68.9	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	12.8	12.8
3	595261.47	4791427.22	16.60	0	0	80.7	80.7	0.0	0.0	68.8	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	8.2	8.2
4	595259.27	4791414.10	16.60	0	0	88.3	88.3	0.0	0.0	68.7	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	16.0	16.0
5	595249.45	4791399.65	16.60	0	0	87.4	87.4	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	15.3	15.3
6	595246.92	4791407.07	16.60	0	0	83.6	83.6	0.0	0.0	68.6	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	11.4	11.4
7	595248.11	4791415.66	16.60	0	0	85.1	85.1	0.0	0.0	68.6	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	12.9	12.9
8	595249.98	4791428.89	16.60	0	0	83.5	83.5	0.0	0.0	68.8	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	11.1	11.1
9	595249.45	4791399.65	16.60	1	0	54.4	54.4	0.0	0.0	68.7	25.6	-2.7	0.0	0.0	4.8	-0.0	16.7	-58.6	-58.6
10	595249.45	4791399.65	16.60	1	0	54.4	54.4	0.0	0.0	68.7	25.5	-2.7	0.0	0.0	4.8	-0.0	18.0	-59.8	-59.8
11	595246.92	4791407.07	16.60	1	0	40.3	40.3	0.0	0.0	68.8	90.6	-2.7	0.0	0.0	4.8	-0.0	18.3	-139.4	-139.4
12	595246.92	4791407.07	16.60	1	0	50.6	50.6	0.0	0.0	68.8	25.8	-2.7	0.0	0.0	4.8	-0.0	19.1	-65.0	-65.0
13	595248.11	4791415.66	16.60	1	0	41.8	41.8	0.0	0.0	68.9	91.4	-2.8	0.0	0.0	4.8	-0.0	19.7	-140.2	-140.2
14	595248.11	4791415.66	16.60	1	0	41.8	41.8	0.0	0.0	68.8	91.3	-2.8	0.0	0.0	4.8	-0.0	20.3	-140.6	-140.6
15	595249.98	4791428.89	16.60	1	0	40.2	40.2	0.0	0.0	69.0	92.8	-2.8	0.0	0.0	4.8	-0.0	21.7	-145.1	-145.1
16	595240.43	4791397.36	16.60	1	0	74.7	74.7	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	4.8	-0.0	1.0	1.5	1.5

Area Source, ISO 9613, Name: "Turbine Building Roof", ID: "TurbineBldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595237.30	4791405.43	16.60	0	0	60.0	60.0	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-12.1	-12.1
2	595233.94	4791408.67	16.60	0	0	63.1	63.1	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-9.0	-9.0
3	595232.68	4791414.18	16.60	0	0	63.2	63.2	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	-9.0	-9.0
4	595233.19	4791421.47	16.60	0	0	47.1	47.1	0.0	0.0	68.6	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	-25.1	-25.1
5	595233.84	4791422.24	16.60	0	0	45.3	45.3	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-26.9	-26.9
6	595238.70	4791417.47	16.60	0	0	64.9	64.9	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-7.3	-7.3
7	595241.27	4791414.00	16.60	0	0	57.5	57.5	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-14.7	-14.7
8	595240.91	4791409.54	16.60	0	0	61.7	61.7	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-10.4	-10.4
9	595237.30	4791405.43	16.60	1	0	10.0	10.0	0.0	0.0	68.8	91.2	-2.8	0.0	0.0	4.8	-0.0	18.3	-170.4	-170.4
10	595237.30	4791405.43	16.60	1	0	25.6	25.6	0.0	0.0	68.8	25.6	-2.8	0.0	0.0	4.8	-0.0	18.6	-89.4	-89.4
11	595233.94	4791408.67	16.60	1	0	13.0	13.0	0.0	0.0	68.9	91.7	-2.8	0.0	0.0	4.8	-0.0	18.8	-168.4	-168.4
12	595233.94	4791408.67	16.60	1	0	28.6	28.6	0.0	0.0	68.8	25.7	-2.8	0.0	0.0	4.8	-0.0	19.1	-87.0	-87.0
13	595232.68	4791414.18	16.60	1	0	13.1	13.1	0.0	0.0	69.0	92.3	-2.8	0.0	0.0	4.8	-0.0	19.5	-169.6	-169.6

Area Source, ISO 9613, Name: "Turbine Building Roof", ID: "TurbineBldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
14	595232.68	4791414.18	16.60	1	0	28.7	28.7	0.0	0.0	68.9	25.9	-2.8	0.0	0.0	4.8	-0.0	19.6	-87.7	-87.7
15	595233.19	4791421.47	16.60	1	0	-2.9	-2.9	0.0	0.0	69.0	92.9	-2.8	0.0	0.0	4.8	-0.0	20.2	-187.0	-187.0
16	595233.19	4791421.47	16.60	1	0	-2.9	-2.9	0.0	0.0	69.0	92.5	-2.8	0.0	0.0	4.8	-0.0	20.3	-186.8	-186.8
17	595237.20	4791408.98	16.60	1	0	60.8	60.8	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	4.8	-0.0	1.0	-12.3	-12.3
18	595233.84	4791422.24	16.60	1	0	-4.7	-4.7	0.0	0.0	69.0	92.9	-2.8	0.0	0.0	4.8	-0.0	20.3	-188.9	-188.9
19	595233.84	4791422.24	16.60	1	0	-4.7	-4.7	0.0	0.0	69.0	92.6	-2.8	0.0	0.0	4.8	-0.0	20.4	-188.7	-188.7
20	595238.70	4791417.47	16.60	1	0	14.8	14.8	0.0	0.0	68.9	92.1	-2.8	0.0	0.0	4.8	-0.0	19.8	-168.0	-168.0
21	595238.70	4791417.47	16.60	1	0	14.8	14.8	0.0	0.0	68.9	91.8	-2.8	0.0	0.0	4.8	-0.0	20.0	-168.0	-168.0
22	595241.27	4791414.00	16.60	1	0	7.4	7.4	0.0	0.0	68.9	91.6	-2.8	0.0	0.0	4.8	-0.0	19.3	-174.4	-174.4
23	595241.27	4791414.00	16.60	1	0	7.4	7.4	0.0	0.0	68.9	91.3	-2.8	0.0	0.0	4.8	-0.0	19.7	-174.5	-174.5
24	595240.91	4791409.54	16.60	1	0	11.7	11.7	0.0	0.0	68.8	91.2	-2.8	0.0	0.0	4.8	-0.0	18.7	-169.2	-169.2
25	595240.91	4791409.54	16.60	1	0	27.3	27.3	0.0	0.0	68.8	25.6	-2.8	0.0	0.0	4.8	-0.0	19.2	-88.3	-88.3
26	595238.77	4791412.46	16.60	1	0	57.7	57.7	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	4.8	-0.0	1.0	-15.5	-15.5
27	595236.79	4791415.65	16.60	1	0	61.6	61.6	0.0	0.0	68.6	1.3	-2.4	0.0	0.0	4.8	-0.0	1.0	-11.6	-11.6

Area Source, ISO 9613, Name: "Plasmarok Building Roof", ID: "PlasmarokBldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595164.28	4791435.33	23.00	0	0	78.6	78.6	0.0	0.0	68.2	0.9	-1.9	0.0	0.0	0.0	-0.0	-0.0	11.4	11.4
2	595177.89	4791429.65	23.00	0	0	82.3	82.3	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	0.0	-0.0	-0.0	15.0	15.0
3	595184.42	4791425.29	23.00	0	0	73.7	73.7	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	0.0	-0.0	-0.0	6.4	6.4
4	595173.10	4791426.83	23.00	0	0	78.4	78.4	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	0.0	-0.0	-0.0	11.2	11.2
5	595159.42	4791432.62	23.00	0	0	82.2	82.2	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	4.8	-0.0	-0.0	10.3	10.3
6	595152.85	4791436.97	23.00	0	0	73.0	73.0	0.0	0.0	68.1	0.8	-1.8	0.0	0.0	4.8	-0.0	-0.0	1.0	1.0
7	595164.28	4791435.33	23.00	1	0	29.1	29.1	0.0	0.0	69.6	99.4	-2.4	0.0	0.0	0.0	-0.0	21.9	-159.5	-159.5
8	595177.89	4791429.65	23.00	1	0	32.7	32.7	0.0	0.0	69.5	97.7	-2.3	0.0	0.0	0.0	-0.0	21.4	-153.6	-153.6
9	595184.42	4791425.29	23.00	1	0	24.1	24.1	0.0	0.0	69.4	96.8	-2.3	0.0	0.0	0.0	-0.0	21.2	-160.9	-160.9
10	595173.10	4791426.83	23.00	1	0	28.9	28.9	0.0	0.0	69.5	98.0	-2.3	0.0	0.0	0.0	-0.0	21.4	-157.7	-157.7
11	595159.42	4791432.62	23.00	1	0	32.7	32.7	0.0	0.0	69.6	99.8	-2.4	0.0	0.0	4.8	-0.0	21.9	-161.0	-161.0
12	595152.85	4791436.97	23.00	1	0	23.5	23.5	0.0	0.0	69.7	100.7	-2.4	0.0	0.0	4.8	-0.0	22.1	-171.4	-171.4

Area Source, ISO 9613, Name: "Oxygen/Nitrogen Building Roof", ID: "O2_N2bldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595206.69	4791441.49	10.00	0	0	54.6	54.6	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	4.8	-0.0	-0.0	-16.9	-16.9
2	595203.58	4791443.56	10.00	0	0	95.5	95.5	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	4.8	-0.0	-0.0	24.1	24.1
3	595193.09	4791450.61	10.00	0	0	107.6	107.6	0.0	0.0	68.6	0.9	-2.7	0.0	0.0	15.7	-0.0	-0.0	25.1	25.1
4	595187.23	4791455.56	10.00	0	0	97.4	97.4	0.0	0.0	68.6	0.9	-2.7	0.0	0.0	15.0	-0.0	-0.0	15.6	15.6
5	595187.34	4791459.97	10.00	0	0	101.0	101.0	0.0	0.0	68.6	0.9	-2.7	0.0	0.0	14.1	-0.0	-0.0	20.1	20.1
6	595190.71	4791464.59	10.00	0	0	95.5	95.5	0.0	0.0	68.7	0.9	-2.7	0.0	0.0	13.1	-0.0	-0.0	15.6	15.6
7	595201.17	4791457.43	10.00	0	0	107.5	107.5	0.0	0.0	68.7	0.9	-2.7	0.0	0.0	13.8	-0.0	-0.0	26.9	26.9
8	595207.04	4791452.30	10.00	0	0	97.9	97.9	0.0	0.0	68.7	0.9	-2.7	0.0	0.0	11.7	-0.0	-0.0	19.4	19.4
9	595206.89	4791447.88	10.00	0	0	100.6	100.6	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	4.8	-0.0	-0.0	29.2	29.2
10	595206.72	4791441.53	10.00	0	0	59.6	59.6	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	4.8	-0.0	-0.0	-11.8	-11.8
11	595206.69	4791441.49	10.00	1	0	1.3	1.3	0.0	0.0	69.3	96.2	-3.5	0.0	0.0	21.4	-0.0	21.6	-203.7	-203.7
12	595203.58	4791443.56	10.00	1	0	42.3	42.3	0.0	0.0	69.3	96.6	-3.5	0.0	0.0	20.2	-0.0	21.7	-162.1	-162.1
13	595193.09	4791450.61	10.00	1	0	54.4	54.4	0.0	0.0	69.5	98.0	-3.5	0.0	0.0	16.7	-0.0	22.1	-148.4	-148.4
14	595187.23	4791455.56	10.00	1	0	44.1	44.1	0.0	0.0	69.5	98.9	-3.5	0.0	0.0	14.8	-0.0	22.3	-157.9	-157.9
15	595187.34	4791459.97	10.00	1	0	47.8	47.8	0.0	0.0	69.6	99.3	-3.5	0.0	0.0	14.3	-0.0	22.4	-154.3	-154.3
16	595182.94	4791448.92	10.00	1	0	83.4	83.4	0.0	0.0	70.2	1.4	-3.1	0.0	0.0	4.8	-0.0	1.0	9.2	9.2
17	595183.35	4791449.65	10.00	1	0	84.6	84.6	0.0	0.0	70.2	1.4	-3.1	0.0	0.0	4.8	-0.0	1.0	10.3	10.3
18	595183.85	4791450.53	10.00	1	0	89.2	89.2	0.0	0.0	70.2	1.4	-3.2	0.0	0.0	4.8	-0.0	1.0	15.0	15.0
19	595190.71	4791464.59	10.00	1	0	42.3	42.3	0.0	0.0	69.6	99.5	-3.5	0.0	0.0	14.3	-0.0	22.6	-160.2	-160.2
20	595201.17	4791457.43	10.00	1	0	54.3	54.3	0.0	0.0	69.5	98.1	-3.5	0.0	0.0	17.5	-0.0	22.3	-149.6	-149.6
21	595207.04	4791452.30	10.00	1	0	44.7	44.7	0.0	0.0	69.4	97.2	-3.5	0.0	0.0	19.7	-0.0	22.1	-160.3	-160.3
22	595206.89	4791447.88	10.00	1	0	47.4	47.4	0.0	0.0	69.4	96.8	-3.5	0.0	0.0	20.4	-0.0	21.9	-157.6	-157.6
23	595206.72	4791441.53	10.00	1	0	6.4	6.4	0.0	0.0	69.3	96.2	-3.5	0.0	0.0	21.4	-0.0	21.6	-198.7	-198.7

Area Source, ISO 9613, Name: "Direct Plasma Building Roof", ID: "DirectPlasmaBldgRoof"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	594967.03	4791453.17	10.00	0	0	86.4	86.4	0.0	0.0	67.2	0.8	-2.4	0.0	0.0	0.0	-0.0	-0.0	20.8	20.8
2	594974.97	4791461.94	10.00	0	0	85.0	85.0	0.0	0.0	67.4	0.8	-2.5	0.0	0.0	0.0	-0.0	-0.0	19.3	19.3
3	594974.27	4791439.91	10.00	0	0	82.2	82.2	0.0	0.0	67.1	0.8	-2.3	0.0	0.0	0.0	-0.0	-0.0	16.7	16.7
4	594969.61	4791443.16	10.00	0	0	75.6	75.6	0.0	0.0	67.1	0.8	-2.4	0.0	0.0	0.0	-0.0	-0.0	10.1	10.1
5	594975.94	4791443.72	10.00	0	0	67.4	67.4	0.0	0.0	67.2	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	-3.0	-3.0
6	594978.84	4791443.36	10.00	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-2.3	0.0	0.0	0.0	-0.0	-0.0	5.6	5.6
7	594967.03	4791453.17	10.00	1	0	65.1	65.1	0.0	0.0	67.4	6.5	-2.8	0.0	0.0	4.8	-0.0	14.7	-25.4	-25.4

Area Source, ISO 9613, Name: "Direct Plasma Building Roof", ID: "DirectPlasmaBldgRoof"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
8	594961.63	4791452.19	10.00	1	0	65.0	65.0	0.0	0.0	69.3	3.3	-3.2	0.0	0.0	4.8	-0.0	2.0	-11.1	-11.1
9	594966.22	4791454.51	10.00	1	0	74.4	74.4	0.0	0.0	69.3	3.3	-3.2	0.0	0.0	4.8	-0.0	2.0	-1.8	-1.8
10	594971.03	4791467.09	10.00	1	0	73.7	73.7	0.0	0.0	69.1	2.0	-3.1	0.0	0.0	4.8	-0.0	2.0	-1.1	-1.1
11	594974.27	4791439.91	10.00	1	0	71.7	71.7	0.0	0.0	67.3	2.6	-2.8	0.0	0.0	4.8	-0.0	12.3	-12.6	-12.6
12	594964.36	4791441.14	10.00	1	0	63.4	63.4	0.0	0.0	69.4	3.3	-3.2	0.0	0.0	4.8	-0.0	2.0	-12.9	-12.9
13	594969.61	4791443.16	10.00	1	0	65.1	65.1	0.0	0.0	67.4	2.6	-2.8	0.0	0.0	4.8	-0.0	12.9	-19.8	-19.8
14	594975.94	4791443.72	10.00	1	0	62.0	62.0	0.0	0.0	67.3	1.6	-2.8	0.0	0.0	4.8	-0.0	10.1	-19.0	-19.0
15	594978.84	4791443.36	10.00	1	0	65.7	65.7	0.0	0.0	67.3	1.6	-2.8	0.0	0.0	4.8	-0.0	9.7	-14.9	-14.9
16	594964.71	4791442.62	10.00	1	0	60.2	60.2	0.0	0.0	69.4	3.3	-3.2	0.0	0.0	4.8	-0.0	2.0	-16.1	-16.1

vert. Area Source, ISO 9613, Name: "EngineRoomNorth", ID: "EngineRoomNorth"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595256.70	4791441.56	14.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-2.4	0.0	0.0	19.7	-0.0	-0.0	-12.5	-12.5
2	595251.96	4791442.91	14.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.5	0.0	0.0	5.3	-0.0	-0.0	-24.3	-24.3
3	595256.70	4791441.56	15.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-2.3	0.0	0.0	17.6	-0.0	-0.0	-10.5	-10.5
4	595251.96	4791442.91	15.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.5	0.0	0.0	4.8	-0.0	-0.0	-23.9	-23.9
5	595256.70	4791441.56	7.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-3.1	0.0	0.0	24.4	-0.0	-0.0	-16.5	-16.5
6	595251.96	4791442.91	7.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-3.0	0.0	0.0	15.3	-0.0	-0.0	-33.8	-33.8
7	595256.70	4791441.56	8.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-3.0	0.0	0.0	24.2	-0.0	-0.0	-16.3	-16.3
8	595251.96	4791442.91	8.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.9	0.0	0.0	14.2	-0.0	-0.0	-32.8	-32.8
9	595256.70	4791441.56	3.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-3.1	0.0	0.0	24.7	-0.0	-0.0	-16.8	-16.8
10	595251.96	4791442.91	3.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.8	0.0	0.0	18.9	-0.0	-0.0	-37.6	-37.6
11	595256.70	4791441.56	13.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-2.5	0.0	0.0	21.1	-0.0	-0.0	-13.8	-13.8
12	595251.96	4791442.91	13.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.6	0.0	0.0	6.6	-0.0	-0.0	-25.5	-25.5
13	595256.70	4791441.56	12.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-2.6	0.0	0.0	22.1	-0.0	-0.0	-14.7	-14.7
14	595251.96	4791442.91	12.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.6	0.0	0.0	8.2	-0.0	-0.0	-27.0	-27.0
15	595256.70	4791441.56	11.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-2.7	0.0	0.0	22.8	-0.0	-0.0	-15.3	-15.3
16	595251.96	4791442.91	11.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.7	0.0	0.0	9.9	-0.0	-0.0	-28.6	-28.6
17	595256.70	4791441.56	5.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-3.1	0.0	0.0	24.6	-0.0	-0.0	-16.7	-16.7
18	595251.96	4791442.91	5.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.9	0.0	0.0	17.3	-0.0	-0.0	-35.9	-35.9
19	595256.70	4791441.56	6.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-3.1	0.0	0.0	24.5	-0.0	-0.0	-16.6	-16.6
20	595251.96	4791442.91	6.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.9	0.0	0.0	16.4	-0.0	-0.0	-34.9	-34.9
21	595256.70	4791441.56	2.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-3.2	0.0	0.0	24.8	-0.0	-0.0	-16.8	-16.8
22	595251.96	4791442.91	2.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.6	0.0	0.0	19.6	-0.0	-0.0	-38.5	-38.5
23	595256.70	4791441.56	1.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-3.0	0.0	0.0	24.9	-0.0	-0.0	-17.1	-17.1
24	595251.96	4791442.91	1.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.3	0.0	0.0	20.2	-0.0	-0.0	-39.5	-39.5
25	595256.70	4791441.56	9.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-2.9	0.0	0.0	23.8	-0.0	-0.0	-16.1	-16.1
26	595251.96	4791442.91	9.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.9	0.0	0.0	12.9	-0.0	-0.0	-31.5	-31.5
27	595256.70	4791441.56	10.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-2.8	0.0	0.0	23.3	-0.0	-0.0	-15.7	-15.7
28	595251.96	4791442.91	10.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.8	0.0	0.0	11.4	-0.0	-0.0	-30.2	-30.2
29	595256.70	4791441.56	16.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-2.2	0.0	0.0	13.1	-0.0	-0.0	-6.0	-6.0
30	595251.96	4791442.91	16.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-23.9	-23.9
31	595256.70	4791441.56	4.10	0	0	75.0	75.0	0.0	0.0	68.9	1.2	-3.2	0.0	0.0	24.7	-0.0	-0.0	-16.7	-16.7
32	595251.96	4791442.91	4.10	0	0	48.6	48.6	0.0	0.0	68.9	1.2	-2.8	0.0	0.0	18.2	-0.0	-0.0	-36.8	-36.8
33	595267.11	4791438.61	11.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-2.8	0.0	0.0	22.8	-0.0	-0.0	-17.6	-17.6
34	595262.88	4791439.81	11.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-2.8	0.0	0.0	22.8	-0.0	-0.0	-20.4	-20.4
35	595267.11	4791438.61	6.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-3.3	0.0	0.0	24.5	-0.0	-0.0	-18.8	-18.8
36	595262.88	4791439.81	6.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-3.3	0.0	0.0	24.5	-0.0	-0.0	-21.6	-21.6
37	595267.11	4791438.61	8.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-3.1	0.0	0.0	24.2	-0.0	-0.0	-18.6	-18.6
38	595262.88	4791439.81	8.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-3.1	0.0	0.0	24.2	-0.0	-0.0	-21.4	-21.4
39	595267.11	4791438.61	12.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-2.7	0.0	0.0	22.1	-0.0	-0.0	-17.0	-17.0
40	595262.88	4791439.81	12.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-2.7	0.0	0.0	22.1	-0.0	-0.0	-19.8	-19.8
41	595267.11	4791438.61	7.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-3.2	0.0	0.0	24.4	-0.0	-0.0	-18.8	-18.8
42	595262.88	4791439.81	7.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-3.2	0.0	0.0	24.4	-0.0	-0.0	-21.6	-21.6
43	595267.11	4791438.61	1.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-4.0	0.0	0.0	24.9	-0.0	-0.0	-18.4	-18.4
44	595262.88	4791439.81	1.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-4.1	0.0	0.0	24.9	-0.0	-0.0	-21.1	-21.1
45	595267.11	4791438.61	5.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-3.3	0.0	0.0	24.6	-0.0	-0.0	-18.9	-18.9
46	595262.88	4791439.81	5.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-3.3	0.0	0.0	24.6	-0.0	-0.0	-21.7	-21.7
47	595267.11	4791438.61	2.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-3.7	0.0	0.0	24.8	-0.0	-0.0	-18.7	-18.7
48	595262.88	4791439.81	2.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-3.7	0.0	0.0	24.8	-0.0	-0.0	-21.5	-21.5
49	595267.11	4791438.61	3.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-3.4	0.0	0.0	24.7	-0.0	-0.0	-18.9	-18.9
50	595262.88	4791439.81	3.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-3.4	0.0	0.0	24.7	-0.0	-0.0	-21.7	-21.7
51	595267.11	4791438.61	15.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-2.4	0.0	0.0	17.6	-0.0	-0.0	-12.7	-12.7
52	595262.88	4791439.81	15.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-2.4	0.0	0.0	17.6	-0.0	-0.0	-15.6	-15.6
53	595267.11	4791438.61	16.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-2.3	0.0	0.0	13.1	-0.0	-0.0	-8.3	-8.3
54	595262.88	4791439.81	16.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-2.3	0.0	0.0	13.1	-0.0	-0.0	-11.2	-11.2
55	595267.11	4791438.61	4.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-3.4	0.0	0.0	24.7	-0.0	-0.0	-18.9	-18.9

vert. Area Source, ISO 9613, Name: "EngineRoomNorth", ID: "EngineRoomNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
56	595262.88	4791439.81	4.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-3.3	0.0	0.0	24.7	-0.0	-0.0	-21.7	-21.7
57	595267.11	4791438.61	14.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-2.5	0.0	0.0	19.7	-0.0	-0.0	-14.8	-14.8
58	595262.88	4791439.81	14.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-2.5	0.0	0.0	19.7	-0.0	-0.0	-17.6	-17.6
59	595267.11	4791438.61	13.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-2.6	0.0	0.0	21.1	-0.0	-0.0	-16.1	-16.1
60	595262.88	4791439.81	13.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-2.6	0.0	0.0	21.1	-0.0	-0.0	-18.9	-18.9
61	595267.11	4791438.61	9.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-3.0	0.0	0.0	23.8	-0.0	-0.0	-18.3	-18.3
62	595262.88	4791439.81	9.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-3.0	0.0	0.0	23.8	-0.0	-0.0	-21.1	-21.1
63	595267.11	4791438.61	10.10	0	0	72.6	72.6	0.0	0.0	69.0	1.2	-2.9	0.0	0.0	23.3	-0.0	-0.0	-18.0	-18.0
64	595262.88	4791439.81	10.10	0	0	69.8	69.8	0.0	0.0	69.0	1.2	-2.9	0.0	0.0	23.3	-0.0	-0.0	-20.8	-20.8
65	595256.70	4791441.56	0.30	0	0	72.7	72.7	0.0	0.0	68.9	1.2	-3.5	0.0	0.0	24.9	-0.0	-0.0	-18.8	-18.8
66	595251.96	4791442.91	0.30	0	0	46.4	46.4	0.0	0.0	68.9	1.2	-2.3	0.0	0.0	20.7	-0.0	-0.0	-42.1	-42.1
67	595267.11	4791438.61	0.30	0	0	70.4	70.4	0.0	0.0	69.0	1.2	-3.9	0.0	0.0	24.9	-0.0	-0.0	-20.8	-20.8
68	595262.88	4791439.81	0.30	0	0	67.6	67.6	0.0	0.0	69.0	1.2	-3.9	0.0	0.0	24.9	-0.0	-0.0	-23.6	-23.6
69	595257.95	4791441.21	0.30	1	0	58.5	58.5	0.0	0.0	70.7	3.8	-3.0	0.0	0.0	8.9	-0.0	1.0	-22.9	-22.9
70	595255.61	4791441.87	0.30	1	0	58.0	58.0	0.0	0.0	70.6	3.8	-3.0	0.0	0.0	8.9	-0.0	1.0	-23.4	-23.4
71	595253.26	4791442.54	0.30	1	0	58.5	58.5	0.0	0.0	70.6	3.8	-3.3	0.0	0.0	8.9	-0.0	1.0	-22.6	-22.6
72	595251.98	4791442.90	0.30	1	0	42.3	42.3	0.0	0.0	70.6	3.8	-3.3	0.0	0.0	8.9	-0.0	1.0	-38.7	-38.7

vert. Area Source, ISO 9613, Name: "EngineRoomWest", ID: "EngineRoomWest"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595248.37	4791430.03	5.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.9	0.0	0.0	21.4	-0.0	-0.0	-9.1	-9.1
2	595242.82	4791410.05	5.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-3.2	0.0	0.0	24.6	-0.0	-0.0	-14.4	-14.4
3	595240.27	4791400.88	5.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	5.4	-0.0	-0.0	-0.4	-0.4
4	595248.37	4791430.03	4.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.9	0.0	0.0	22.0	-0.0	-0.0	-9.8	-9.8
5	595242.82	4791410.05	4.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-3.1	0.0	0.0	24.6	-0.0	-0.0	-14.5	-14.5
6	595240.27	4791400.88	4.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	5.7	-0.0	-0.0	-0.9	-0.9
7	595248.37	4791430.03	16.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	6.9	6.9
8	595242.82	4791410.05	16.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-2.2	0.0	0.0	9.7	-0.0	-0.0	-0.5	-0.5
9	595240.27	4791400.88	16.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	-0.7	-0.7
10	595248.37	4791430.03	1.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.9	0.0	0.0	23.4	-0.0	-0.0	-11.1	-11.1
11	595242.82	4791410.05	1.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-2.7	0.0	0.0	24.8	-0.0	-0.0	-15.1	-15.1
12	595240.27	4791400.88	1.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-2.0	0.0	0.0	7.1	-0.0	-0.0	-3.4	-3.4
13	595248.37	4791430.03	2.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.9	0.0	0.0	23.0	-0.0	-0.0	-10.8	-10.8
14	595242.82	4791410.05	2.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-2.9	0.0	0.0	24.8	-0.0	-0.0	-14.9	-14.9
15	595240.27	4791400.88	2.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	6.6	-0.0	-0.0	-2.3	-2.3
16	595248.37	4791430.03	14.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.5	0.0	0.0	8.0	-0.0	-0.0	3.8	3.8
17	595242.82	4791410.05	14.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	18.8	-0.0	-0.0	-9.4	-9.4
18	595240.27	4791400.88	14.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	4.8	-0.0	-0.0	-0.5	-0.5
19	595248.37	4791430.03	15.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.4	0.0	0.0	5.6	-0.0	-0.0	6.1	6.1
20	595242.82	4791410.05	15.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-2.3	0.0	0.0	16.1	-0.0	-0.0	-6.8	-6.8
21	595240.27	4791400.88	15.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-0.6	-0.6
22	595248.37	4791430.03	3.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.9	0.0	0.0	22.5	-0.0	-0.0	-10.3	-10.3
23	595242.82	4791410.05	3.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-3.1	0.0	0.0	24.7	-0.0	-0.0	-14.7	-14.7
24	595240.27	4791400.88	3.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	6.1	-0.0	-0.0	-1.5	-1.5
25	595248.37	4791430.03	13.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.5	0.0	0.0	10.6	-0.0	-0.0	1.2	1.2
26	595242.82	4791410.05	13.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-2.5	0.0	0.0	20.5	-0.0	-0.0	-11.0	-11.0
27	595240.27	4791400.88	13.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	4.8	-0.0	-0.0	-0.4	-0.4
28	595248.37	4791430.03	12.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.6	0.0	0.0	12.9	-0.0	-0.0	-1.0	-1.0
29	595242.82	4791410.05	12.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-2.6	0.0	0.0	21.6	-0.0	-0.0	-12.1	-12.1
30	595240.27	4791400.88	12.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	4.8	-0.0	-0.0	-0.3	-0.3
31	595248.37	4791430.03	11.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.7	0.0	0.0	14.8	-0.0	-0.0	-2.8	-2.8
32	595242.82	4791410.05	11.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-2.7	0.0	0.0	22.5	-0.0	-0.0	-12.8	-12.8
33	595240.27	4791400.88	11.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	4.8	-0.0	-0.0	-0.2	-0.2
34	595248.37	4791430.03	10.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.8	0.0	0.0	16.4	-0.0	-0.0	-4.3	-4.3
35	595242.82	4791410.05	10.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-2.8	0.0	0.0	23.1	-0.0	-0.0	-13.3	-13.3
36	595240.27	4791400.88	10.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	-0.1	-0.1
37	595248.37	4791430.03	9.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.8	0.0	0.0	17.7	-0.0	-0.0	-5.5	-5.5
38	595242.82	4791410.05	9.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-2.9	0.0	0.0	23.6	-0.0	-0.0	-13.7	-13.7
39	595240.27	4791400.88	9.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	4.8	-0.0	-0.0	-0.1	-0.1
40	595248.37	4791430.03	8.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-2.9	0.0	0.0	18.8	-0.0	-0.0	-6.6	-6.6
41	595242.82	4791410.05	8.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-3.0	0.0	0.0	24.0	-0.0	-0.0	-14.0	-14.0
42	595240.27	4791400.88	8.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.8	-0.0	-0.0	-0.0	-0.0
43	595248.37	4791430.03	7.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-3.0	0.0	0.0	19.8	-0.0	-0.0	-7.5	-7.5
44	595242.82	4791410.05	7.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-3.1	0.0	0.0	24.3	-0.0	-0.0	-14.3	-14.3
45	595240.27	4791400.88	7.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	5.0	-0.0	-0.0	-0.1	-0.1
46	595248.37	4791430.03	6.10	0	0	79.3	79.3	0.0	0.0	68.8	1.2	-3.0	0.0	0.0	20.6	-0.0	-0.0	-8.3	-8.3
47	595242.82	4791410.05	6.10	0	0	76.7	76.7	0.0	0.0	68.6	1.2	-3.2	0.0	0.0	24.4	-0.0	-0.0	-14.3	-14.3

vert. Area Source, ISO 9613, Name: "EngineRoomWest", ID: "EngineRoomWest"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
48	595240.27	4791400.88	6.10	0	0	71.4	71.4	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	5.1	-0.0	-0.0	-0.2	-0.2
49	595248.37	4791430.03	0.30	0	0	77.1	77.1	0.0	0.0	68.8	1.2	-1.7	0.0	0.0	23.6	-0.0	-0.0	-14.8	-14.8
50	595242.82	4791410.05	0.30	0	0	74.5	74.5	0.0	0.0	68.6	1.2	-3.9	0.0	0.0	24.9	-0.0	-0.0	-16.2	-16.2
51	595240.27	4791400.88	0.30	0	0	69.1	69.1	0.0	0.0	68.5	1.2	-1.6	0.0	0.0	7.6	-0.0	-0.0	-6.4	-6.4
52	595239.25	4791397.23	13.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-2.6	0.0	0.0	4.8	-0.0	-0.0	-1.6	-1.6
53	595239.25	4791397.23	16.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	-1.9	-1.9
54	595239.25	4791397.23	4.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-3.1	0.0	0.0	5.8	-0.0	-0.0	-2.1	-2.1
55	595239.25	4791397.23	6.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	5.2	-0.0	-0.0	-1.4	-1.4
56	595239.25	4791397.23	3.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-2.9	0.0	0.0	6.3	-0.0	-0.0	-2.8	-2.8
57	595239.25	4791397.23	15.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-1.8	-1.8
58	595239.25	4791397.23	2.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-2.6	0.0	0.0	6.8	-0.0	-0.0	-3.6	-3.6
59	595239.25	4791397.23	1.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-2.1	0.0	0.0	7.3	-0.0	-0.0	-4.6	-4.6
60	595239.25	4791397.23	5.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	5.5	-0.0	-0.0	-1.6	-1.6
61	595239.25	4791397.23	10.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	-1.3	-1.3
62	595239.25	4791397.23	12.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-2.7	0.0	0.0	4.8	-0.0	-0.0	-1.5	-1.5
63	595239.25	4791397.23	14.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-2.5	0.0	0.0	4.8	-0.0	-0.0	-1.7	-1.7
64	595239.25	4791397.23	11.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-2.8	0.0	0.0	4.8	-0.0	-0.0	-1.4	-1.4
65	595239.25	4791397.23	7.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	5.0	-0.0	-0.0	-1.2	-1.2
66	595239.25	4791397.23	9.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-3.0	0.0	0.0	4.8	-0.0	-0.0	-1.2	-1.2
67	595239.25	4791397.23	8.10	0	0	70.2	70.2	0.0	0.0	68.4	1.2	-3.1	0.0	0.0	4.9	-0.0	-0.0	-1.2	-1.2
68	595239.25	4791397.23	0.30	0	0	68.0	68.0	0.0	0.0	68.4	1.2	-2.2	0.0	0.0	7.8	-0.0	-0.0	-7.2	-7.2
69	595248.37	4791430.03	5.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.9	0.0	0.0	25.0	-0.0	21.6	-168.7	-168.7
70	595242.82	4791410.05	5.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.8	0.0	0.0	25.0	-0.0	18.8	-166.5	-166.5
71	595242.82	4791410.05	5.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.8	0.0	0.0	25.0	-0.0	19.3	-91.5	-91.5
72	595240.27	4791400.88	5.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.8	0.0	0.0	25.0	-0.0	17.5	-94.9	-94.9
73	595240.27	4791400.88	5.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.8	0.0	0.0	25.0	-0.0	18.0	-95.2	-95.2
74	595240.10	4791400.30	5.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	5.3	-0.0	1.0	-2.8	-2.8
75	595248.37	4791430.03	4.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-4.0	0.0	0.0	25.0	-0.0	21.6	-168.6	-168.6
76	595242.82	4791410.05	4.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.9	0.0	0.0	25.0	-0.0	18.8	-166.4	-166.4
77	595242.82	4791410.05	4.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.9	0.0	0.0	25.0	-0.0	19.3	-91.4	-91.4
78	595240.27	4791400.88	4.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.9	0.0	0.0	25.0	-0.0	17.5	-94.8	-94.8
79	595240.27	4791400.88	4.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.9	0.0	0.0	25.0	-0.0	18.0	-95.2	-95.2
80	595240.10	4791400.30	4.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	5.6	-0.0	1.0	-3.3	-3.3
81	595248.37	4791430.03	16.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-2.9	0.0	0.0	25.0	-0.0	21.6	-169.7	-169.7
82	595242.82	4791410.05	16.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-2.8	0.0	0.0	25.0	-0.0	18.8	-167.6	-167.6
83	595242.82	4791410.05	16.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-2.8	0.0	0.0	24.0	-0.0	19.3	-91.5	-91.5
84	595240.27	4791400.88	16.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-2.8	0.0	0.0	24.1	-0.0	17.5	-95.0	-95.0
85	595240.27	4791400.88	16.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-2.8	0.0	0.0	24.0	-0.0	18.0	-95.3	-95.3
86	595240.10	4791400.30	16.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	4.8	-0.0	1.0	-3.2	-3.2
87	595248.37	4791430.03	1.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-4.5	0.0	0.0	25.0	-0.0	21.6	-168.1	-168.1
88	595242.82	4791410.05	1.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-4.4	0.0	0.0	25.0	-0.0	18.8	-166.0	-166.0
89	595242.82	4791410.05	1.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-4.3	0.0	0.0	25.0	-0.0	19.3	-91.0	-91.0
90	595240.27	4791400.88	1.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-4.3	0.0	0.0	25.0	-0.0	17.5	-94.5	-94.5
91	595240.27	4791400.88	1.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-4.2	0.0	0.0	25.0	-0.0	18.0	-94.9	-94.9
92	595240.10	4791400.30	1.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-2.0	0.0	0.0	6.9	-0.0	1.0	-5.7	-5.7
93	595248.37	4791430.03	2.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-4.3	0.0	0.0	25.0	-0.0	21.6	-168.3	-168.3
94	595242.82	4791410.05	2.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-4.2	0.0	0.0	25.0	-0.0	18.8	-166.2	-166.2
95	595242.82	4791410.05	2.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-4.1	0.0	0.0	25.0	-0.0	19.3	-91.2	-91.2
96	595240.27	4791400.88	2.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-4.1	0.0	0.0	25.0	-0.0	17.5	-94.6	-94.6
97	595240.27	4791400.88	2.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-4.1	0.0	0.0	25.0	-0.0	18.0	-95.0	-95.0
98	595240.10	4791400.30	2.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	6.4	-0.0	1.0	-4.6	-4.6
99	595248.37	4791430.03	14.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.1	0.0	0.0	25.0	-0.0	21.6	-169.5	-169.5
100	595242.82	4791410.05	14.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.0	0.0	0.0	25.0	-0.0	18.8	-167.4	-167.4
101	595242.82	4791410.05	14.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.0	0.0	0.0	25.0	-0.0	19.3	-92.3	-92.3
102	595240.27	4791400.88	14.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.0	0.0	0.0	25.0	-0.0	17.5	-95.8	-95.8
103	595240.27	4791400.88	14.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.0	0.0	0.0	25.0	-0.0	18.0	-96.1	-96.1
104	595240.10	4791400.30	14.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	4.8	-0.0	1.0	-3.0	-3.0
105	595248.37	4791430.03	15.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.0	0.0	0.0	25.0	-0.0	21.6	-169.6	-169.6
106	595242.82	4791410.05	15.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-2.9	0.0	0.0	25.0	-0.0	18.8	-167.5	-167.5
107	595242.82	4791410.05	15.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-2.9	0.0	0.0	25.0	-0.0	19.3	-92.4	-92.4
108	595240.27	4791400.88	15.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-2.9	0.0	0.0	25.0	-0.0	17.5	-95.9	-95.9
109	595240.27	4791400.88	15.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-2.9	0.0	0.0	25.0	-0.0	18.0	-96.2	-96.2
110	595240.10	4791400.30	15.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	1.0	-3.1	-3.1
111	595248.37	4791430.03	3.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-4.1	0.0	0.0	25.0	-0.0	21.6	-168.5	-168.5
112	595242.82	4791410.05	3.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-4.0	0.0	0.0	25.0	-0.0	18.8	-166.3	-166.3
113	595242.82	4791410.05	3.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-4.0	0.0	0.0	25.0	-0.0	19.3	-91.3	-91.3
114																			

vert. Area Source, ISO 9613, Name: "EngineRoomWest", ID: "EngineRoomWest"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
115	595240.27	4791400.88	3.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-4.0	0.0	0.0	25.0	-0.0	18.0	-95.1	-95.1
116	595240.10	4791400.30	3.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	6.0	-0.0	1.0	-3.8	-3.8
117	595248.37	4791430.03	13.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.2	0.0	0.0	25.0	-0.0	21.6	-169.4	-169.4
118	595242.82	4791410.05	13.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.1	0.0	0.0	25.0	-0.0	18.8	-167.3	-167.3
119	595242.82	4791410.05	13.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.1	0.0	0.0	25.0	-0.0	19.3	-92.2	-92.2
120	595240.27	4791400.88	13.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.1	0.0	0.0	25.0	-0.0	17.5	-95.7	-95.7
121	595240.27	4791400.88	13.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.1	0.0	0.0	25.0	-0.0	18.0	-96.0	-96.0
122	595240.10	4791400.30	13.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	4.8	-0.0	1.0	-2.9	-2.9
123	595248.37	4791430.03	12.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.3	0.0	0.0	25.0	-0.0	21.6	-169.3	-169.3
124	595242.82	4791410.05	12.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.2	0.0	0.0	25.0	-0.0	18.8	-167.2	-167.2
125	595242.82	4791410.05	12.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.2	0.0	0.0	25.0	-0.0	19.3	-92.1	-92.1
126	595240.27	4791400.88	12.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.2	0.0	0.0	25.0	-0.0	17.5	-95.6	-95.6
127	595240.27	4791400.88	12.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.2	0.0	0.0	25.0	-0.0	18.0	-95.9	-95.9
128	595240.10	4791400.30	12.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	4.8	-0.0	1.0	-2.8	-2.8
129	595248.37	4791430.03	11.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.3	0.0	0.0	25.0	-0.0	21.6	-169.2	-169.2
130	595242.82	4791410.05	11.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.3	0.0	0.0	25.0	-0.0	18.8	-167.1	-167.1
131	595242.82	4791410.05	11.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.3	0.0	0.0	25.0	-0.0	19.3	-92.0	-92.0
132	595240.27	4791400.88	11.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.3	0.0	0.0	25.0	-0.0	17.5	-95.5	-95.5
133	595240.27	4791400.88	11.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.3	0.0	0.0	25.0	-0.0	18.0	-95.8	-95.8
134	595240.10	4791400.30	11.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	4.8	-0.0	1.0	-2.7	-2.7
135	595248.37	4791430.03	10.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.4	0.0	0.0	25.0	-0.0	21.6	-169.1	-169.1
136	595242.82	4791410.05	10.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.4	0.0	0.0	25.0	-0.0	18.8	-167.0	-167.0
137	595242.82	4791410.05	10.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.4	0.0	0.0	25.0	-0.0	19.3	-91.9	-91.9
138	595240.27	4791400.88	10.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.4	0.0	0.0	25.0	-0.0	17.5	-95.4	-95.4
139	595240.27	4791400.88	10.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.4	0.0	0.0	25.0	-0.0	18.0	-95.7	-95.7
140	595240.10	4791400.30	10.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	4.8	-0.0	1.0	-2.6	-2.6
141	595248.37	4791430.03	9.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.5	0.0	0.0	25.0	-0.0	21.6	-169.1	-169.1
142	595242.82	4791410.05	9.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.5	0.0	0.0	25.0	-0.0	18.8	-166.9	-166.9
143	595242.82	4791410.05	9.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.5	0.0	0.0	25.0	-0.0	19.3	-91.8	-91.8
144	595240.27	4791400.88	9.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.5	0.0	0.0	25.0	-0.0	17.5	-95.3	-95.3
145	595240.27	4791400.88	9.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.5	0.0	0.0	25.0	-0.0	18.0	-95.6	-95.6
146	595240.10	4791400.30	9.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	4.8	-0.0	1.0	-2.5	-2.5
147	595248.37	4791430.03	8.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.6	0.0	0.0	25.0	-0.0	21.6	-169.0	-169.0
148	595242.82	4791410.05	8.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.6	0.0	0.0	25.0	-0.0	18.8	-166.8	-166.8
149	595242.82	4791410.05	8.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.6	0.0	0.0	25.0	-0.0	19.3	-91.7	-91.7
150	595240.27	4791400.88	8.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.6	0.0	0.0	25.0	-0.0	17.5	-95.2	-95.2
151	595240.27	4791400.88	8.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.5	0.0	0.0	25.0	-0.0	18.0	-95.5	-95.5
152	595240.10	4791400.30	8.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.8	-0.0	1.0	-2.5	-2.5
153	595248.37	4791430.03	7.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.7	0.0	0.0	25.0	-0.0	21.6	-168.9	-168.9
154	595242.82	4791410.05	7.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.7	0.0	0.0	25.0	-0.0	18.8	-166.7	-166.7
155	595242.82	4791410.05	7.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.7	0.0	0.0	25.0	-0.0	19.3	-91.7	-91.7
156	595240.27	4791400.88	7.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.6	0.0	0.0	25.0	-0.0	17.5	-95.1	-95.1
157	595240.27	4791400.88	7.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.6	0.0	0.0	25.0	-0.0	18.0	-95.4	-95.4
158	595240.10	4791400.30	7.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.9	-0.0	1.0	-2.5	-2.5
159	595248.37	4791430.03	6.10	1	0	36.0	36.0	0.0	0.0	69.0	92.9	-3.8	0.0	0.0	25.0	-0.0	21.6	-168.8	-168.8
160	595242.82	4791410.05	6.10	1	0	33.4	33.4	0.0	0.0	68.8	91.1	-3.8	0.0	0.0	25.0	-0.0	18.8	-166.6	-166.6
161	595242.82	4791410.05	6.10	1	0	43.7	43.7	0.0	0.0	68.8	25.9	-3.8	0.0	0.0	25.0	-0.0	19.3	-91.6	-91.6
162	595240.27	4791400.88	6.10	1	0	38.3	38.3	0.0	0.0	68.8	25.8	-3.8	0.0	0.0	25.0	-0.0	17.5	-95.0	-95.0
163	595240.27	4791400.88	6.10	1	0	38.3	38.3	0.0	0.0	68.7	25.7	-3.7	0.0	0.0	25.0	-0.0	18.0	-95.3	-95.3
164	595240.10	4791400.30	6.10	1	0	69.9	69.9	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	5.1	-0.0	1.0	-2.6	-2.6
165	595248.37	4791430.03	0.30	1	0	33.7	33.7	0.0	0.0	69.0	92.9	-4.5	0.0	0.0	25.0	-0.0	21.6	-170.3	-170.3
166	595242.82	4791410.05	0.30	1	0	31.2	31.2	0.0	0.0	68.8	91.1	-4.6	0.0	0.0	25.0	-0.0	18.8	-168.0	-168.0
167	595242.82	4791410.05	0.30	1	0	41.5	41.5	0.0	0.0	68.8	25.9	-4.5	0.0	0.0	25.0	-0.0	19.3	-93.0	-93.0
168	595240.27	4791400.88	0.30	1	0	36.1	36.1	0.0	0.0	68.8	25.8	-4.5	0.0	0.0	25.0	-0.0	17.5	-96.5	-96.5
169	595240.27	4791400.88	0.30	1	0	36.1	36.1	0.0	0.0	68.7	25.7	-4.4	0.0	0.0	25.0	-0.0	18.0	-96.9	-96.9
170	595240.10	4791400.30	0.30	1	0	67.7	67.7	0.0	0.0	68.5	1.2	-1.6	0.0	0.0	7.3	-0.0	1.0	-8.7	-8.7
171	595239.25	4791397.23	13.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-3.1	0.0	0.0	25.0	-0.0	17.1	-96.4	-96.4
172	595239.25	4791397.23	13.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-3.1	0.0	0.0	25.0	-0.0	17.5	-64.7	-64.7
173	595239.25	4791397.23	13.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	4.8	-0.0	1.0	-2.7	-2.7
174	595239.25	4791397.23	16.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-2.8	0.0	0.0	24.1	-0.0	17.1	-95.8	-95.8
175	595239.25	4791397.23	16.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-2.8	0.0	0.0	21.0	-0.0	17.5	-61.0	-61.0
176	595239.25	4791397.23	16.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	4.8	-0.0	1.0	-3.0	-3.0
177	595239.25	4791397.23	4.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-3.9	0.0	0.0	25.0	-0.0	17.1	-95.6	-95.6
178	595239.25	4791397.23	4.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-3.9	0.0	0.0	25.0	-0.0	17.5	-63.8	-63.8
179	595239.25	4791397.23	4.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	5.5	-0.0	1.0	-2.9	-2.9
180	595239.25	4791397.23	6.10	1	0	37.1													

vert. Area Source, ISO 9613, Name: "EngineRoomWest", ID: "EngineRoomWest"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
182	595239.25	4791397.23	6.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	5.0	-0.0	1.0	-2.3	-2.3
183	595239.25	4791397.23	3.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-4.0	0.0	0.0	25.0	-0.0	17.1	-95.5	-95.5
184	595239.25	4791397.23	3.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-4.0	0.0	0.0	25.0	-0.0	17.5	-63.8	-63.8
185	595239.25	4791397.23	3.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	5.9	-0.0	1.0	-3.4	-3.4
186	595239.25	4791397.23	15.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-2.9	0.0	0.0	25.0	-0.0	17.1	-96.6	-96.6
187	595239.25	4791397.23	15.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-2.9	0.0	0.0	25.0	-0.0	17.5	-64.9	-64.9
188	595239.25	4791397.23	15.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	1.0	-2.9	-2.9
189	595239.25	4791397.23	2.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-4.1	0.0	0.0	25.0	-0.0	17.1	-95.4	-95.4
190	595239.25	4791397.23	2.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-4.1	0.0	0.0	25.0	-0.0	17.5	-63.7	-63.7
191	595239.25	4791397.23	2.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	6.3	-0.0	1.0	-4.1	-4.1
192	595239.25	4791397.23	1.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-4.2	0.0	0.0	25.0	-0.0	17.1	-95.2	-95.2
193	595239.25	4791397.23	1.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-4.2	0.0	0.0	25.0	-0.0	17.5	-63.5	-63.5
194	595239.25	4791397.23	1.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-2.2	0.0	0.0	6.8	-0.0	1.0	-5.0	-5.0
195	595239.25	4791397.23	5.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-3.8	0.0	0.0	25.0	-0.0	17.1	-95.6	-95.6
196	595239.25	4791397.23	5.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-3.8	0.0	0.0	25.0	-0.0	17.5	-63.9	-63.9
197	595239.25	4791397.23	5.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	5.2	-0.0	1.0	-2.6	-2.6
198	595239.25	4791397.23	10.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-3.4	0.0	0.0	25.0	-0.0	17.1	-96.1	-96.1
199	595239.25	4791397.23	10.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-3.4	0.0	0.0	25.0	-0.0	17.5	-64.4	-64.4
200	595239.25	4791397.23	10.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	4.8	-0.0	1.0	-2.4	-2.4
201	595239.25	4791397.23	12.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-3.2	0.0	0.0	25.0	-0.0	17.1	-96.3	-96.3
202	595239.25	4791397.23	12.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-3.2	0.0	0.0	25.0	-0.0	17.5	-64.6	-64.6
203	595239.25	4791397.23	12.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	4.8	-0.0	1.0	-2.6	-2.6
204	595239.25	4791397.23	14.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-3.0	0.0	0.0	25.0	-0.0	17.1	-96.5	-96.5
205	595239.25	4791397.23	14.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-3.0	0.0	0.0	25.0	-0.0	17.5	-64.8	-64.8
206	595239.25	4791397.23	14.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	4.8	-0.0	1.0	-2.8	-2.8
207	595239.25	4791397.23	11.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-3.3	0.0	0.0	25.0	-0.0	17.1	-96.2	-96.2
208	595239.25	4791397.23	11.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-3.3	0.0	0.0	25.0	-0.0	17.5	-64.5	-64.5
209	595239.25	4791397.23	11.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	4.8	-0.0	1.0	-2.5	-2.5
210	595239.25	4791397.23	7.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-3.6	0.0	0.0	25.0	-0.0	17.1	-95.8	-95.8
211	595239.25	4791397.23	7.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-3.6	0.0	0.0	25.0	-0.0	17.5	-64.1	-64.1
212	595239.25	4791397.23	7.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.9	-0.0	1.0	-2.3	-2.3
213	595239.25	4791397.23	9.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-3.5	0.0	0.0	25.0	-0.0	17.1	-96.0	-96.0
214	595239.25	4791397.23	9.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-3.5	0.0	0.0	25.0	-0.0	17.5	-64.3	-64.3
215	595239.25	4791397.23	9.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	4.8	-0.0	1.0	-2.3	-2.3
216	595239.25	4791397.23	8.10	1	0	37.1	37.1	0.0	0.0	68.8	25.8	-3.6	0.0	0.0	25.0	-0.0	17.1	-95.9	-95.9
217	595239.25	4791397.23	8.10	1	0	51.0	51.0	0.0	0.0	68.7	7.6	-3.5	0.0	0.0	25.0	-0.0	17.5	-64.2	-64.2
218	595239.25	4791397.23	8.10	1	0	70.2	70.2	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.8	-0.0	1.0	-2.3	-2.3
219	595239.25	4791397.23	0.30	1	0	34.9	34.9	0.0	0.0	68.8	25.8	-4.6	0.0	0.0	25.0	-0.0	17.1	-97.1	-97.1
220	595239.25	4791397.23	0.30	1	0	48.8	48.8	0.0	0.0	68.7	7.6	-4.4	0.0	0.0	25.0	-0.0	17.5	-65.6	-65.6
221	595239.25	4791397.23	0.30	1	0	68.0	68.0	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	7.2	-0.0	1.0	-7.4	-7.4

vert. Area Source, ISO 9613, Name: "EngineRoomSouth", ID: "EngineRoomSouth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595248.35	4791392.84	10.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	5.3	5.3
2	595248.35	4791392.84	9.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	4.8	-0.0	-0.0	5.4	5.4
3	595248.35	4791392.84	13.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	4.8	-0.0	-0.0	5.0	5.0
4	595248.35	4791392.84	5.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.5	-0.0	-0.0	4.9	4.9
5	595248.35	4791392.84	7.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	5.0	-0.0	-0.0	5.3	5.3
6	595248.35	4791392.84	11.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	5.2	5.2
7	595248.35	4791392.84	8.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.9	-0.0	-0.0	5.4	5.4
8	595248.35	4791392.84	6.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.2	-0.0	-0.0	5.2	5.2
9	595248.35	4791392.84	4.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	5.8	-0.0	-0.0	4.4	4.4
10	595248.35	4791392.84	3.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	6.3	-0.0	-0.0	3.7	3.7
11	595248.35	4791392.84	2.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	6.8	-0.0	-0.0	2.9	2.9
12	595248.35	4791392.84	16.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	4.7	4.7
13	595248.35	4791392.84	1.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-2.0	0.0	0.0	7.4	-0.0	-0.0	1.7	1.7
14	595248.35	4791392.84	14.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	4.8	-0.0	-0.0	4.9	4.9
15	595248.35	4791392.84	15.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	4.8	4.8
16	595248.35	4791392.84	12.10	0	0	76.7	76.7	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	4.8	-0.0	-0.0	5.1	5.1
17	595248.35	4791392.84	0.30	0	0	74.5	74.5	0.0	0.0	68.5	1.2	-1.7	0.0	0.0	7.9	-0.0	-0.0	-1.3	-1.3
18	595240.04	4791395.28	10.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	-2.3	-2.3
19	595240.04	4791395.28	12.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-2.7	0.0	0.0	4.8	-0.0	-0.0	-2.5	-2.5
20	595240.04	4791395.28	13.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-2.6	0.0	0.0	4.8	-0.0	-0.0	-2.6	-2.6
21	595240.04	4791395.28	14.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-2.5	0.0	0.0	4.8	-0.0	-0.0	-2.7	-2.7
22	595240.04	4791395.28	15.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-2.8	-2.8
23	595240.04	4791395.28	9.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-3.0	0.0	0.0	4.8	-0.0	-0.0	-2.3	-2.3
24	595240.04	4791395.28	11.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-2.8	0.0	0.0	4.8	-0.0	-0.0	-2.4	-2.4

vert. Area Source, ISO 9613, Name: "EngineRoomSouth", ID: "EngineRoomSouth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
25	595240.04	4791395.28	2.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-2.6	0.0	0.0	6.9	-0.0	-0.0	-4.7	-4.7
26	595240.04	4791395.28	6.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	5.2	-0.0	-0.0	-2.4	-2.4
27	595240.04	4791395.28	4.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-3.1	0.0	0.0	5.9	-0.0	-0.0	-3.3	-3.3
28	595240.04	4791395.28	5.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	5.5	-0.0	-0.0	-2.7	-2.7
29	595240.04	4791395.28	7.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	5.0	-0.0	-0.0	-2.3	-2.3
30	595240.04	4791395.28	1.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-2.1	0.0	0.0	7.4	-0.0	-0.0	-5.8	-5.8
31	595240.04	4791395.28	8.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-3.1	0.0	0.0	4.9	-0.0	-0.0	-2.2	-2.2
32	595240.04	4791395.28	16.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-2.3	0.0	0.0	4.8	-0.0	-0.0	-2.9	-2.9
33	595240.04	4791395.28	3.10	0	0	69.1	69.1	0.0	0.0	68.4	1.2	-2.9	0.0	0.0	6.3	-0.0	-0.0	-3.9	-3.9
34	595240.04	4791395.28	0.30	0	0	66.9	66.9	0.0	0.0	68.4	1.2	-2.2	0.0	0.0	7.9	-0.0	-0.0	-8.4	-8.4
35	595248.35	4791392.84	10.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.3	0.0	0.0	4.8	-0.0	15.1	-35.2	-35.2
36	595248.35	4791392.84	10.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.3	0.0	0.0	4.8	-0.0	16.5	-36.5	-36.5
37	595241.54	4791394.81	10.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-2.8	0.0	0.0	23.4	-0.0	1.0	-28.4	-28.4
38	595248.35	4791392.84	9.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.4	0.0	0.0	4.9	-0.0	15.1	-35.2	-35.2
39	595248.35	4791392.84	9.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.4	0.0	0.0	4.9	-0.0	16.5	-36.4	-36.4
40	595241.54	4791394.81	9.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-2.9	0.0	0.0	23.8	-0.0	1.0	-28.8	-28.8
41	595248.35	4791392.84	13.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.1	0.0	0.0	4.8	-0.0	15.1	-35.5	-35.5
42	595248.35	4791392.84	13.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.0	0.0	0.0	4.8	-0.0	16.5	-36.7	-36.7
43	595241.54	4791394.81	13.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-2.5	0.0	0.0	21.1	-0.0	1.0	-26.5	-26.5
44	595248.35	4791392.84	5.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.8	0.0	0.0	6.9	-0.0	15.1	-36.8	-36.8
45	595248.35	4791392.84	5.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.8	0.0	0.0	7.3	-0.0	16.5	-38.5	-38.5
46	595241.54	4791394.81	5.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-3.2	0.0	0.0	24.6	-0.0	1.0	-29.3	-29.3
47	595248.35	4791392.84	7.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.6	0.0	0.0	5.4	-0.0	15.1	-35.5	-35.5
48	595248.35	4791392.84	7.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.6	0.0	0.0	5.6	-0.0	16.5	-37.0	-37.0
49	595241.54	4791394.81	7.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-3.1	0.0	0.0	24.4	-0.0	1.0	-29.2	-29.2
50	595248.35	4791392.84	11.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.3	0.0	0.0	4.8	-0.0	15.1	-35.3	-35.3
51	595248.35	4791392.84	11.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.3	0.0	0.0	4.8	-0.0	16.5	-36.5	-36.5
52	595241.54	4791394.81	11.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-2.7	0.0	0.0	22.8	-0.0	1.0	-28.0	-28.0
53	595248.35	4791392.84	8.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.5	0.0	0.0	5.0	-0.0	15.1	-35.3	-35.3
54	595248.35	4791392.84	8.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.5	0.0	0.0	5.1	-0.0	16.5	-36.6	-36.6
55	595241.54	4791394.81	8.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-3.0	0.0	0.0	24.2	-0.0	1.0	-29.1	-29.1
56	595248.35	4791392.84	6.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.7	0.0	0.0	6.0	-0.0	15.1	-36.1	-36.1
57	595248.35	4791392.84	6.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.7	0.0	0.0	6.3	-0.0	16.5	-37.6	-37.6
58	595241.54	4791394.81	6.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-3.2	0.0	0.0	24.5	-0.0	1.0	-29.2	-29.2
59	595248.35	4791392.84	4.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.9	0.0	0.0	7.9	-0.0	15.1	-37.8	-37.8
60	595248.35	4791392.84	4.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.9	0.0	0.0	8.4	-0.0	16.5	-39.6	-39.6
61	595241.54	4791394.81	4.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-3.1	0.0	0.0	24.7	-0.0	1.0	-29.5	-29.5
62	595248.35	4791392.84	3.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.9	0.0	0.0	9.1	-0.0	15.1	-38.9	-38.9
63	595248.35	4791392.84	3.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.9	0.0	0.0	9.7	-0.0	16.5	-40.7	-40.7
64	595241.54	4791394.81	3.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-3.0	0.0	0.0	24.8	-0.0	1.0	-29.6	-29.6
65	595248.35	4791392.84	2.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-4.0	0.0	0.0	10.3	-0.0	15.1	-40.0	-40.0
66	595248.35	4791392.84	2.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-4.0	0.0	0.0	10.9	-0.0	16.5	-41.8	-41.8
67	595241.54	4791394.81	2.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-2.8	0.0	0.0	24.8	-0.0	1.0	-29.9	-29.9
68	595248.35	4791392.84	16.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-2.8	0.0	0.0	4.8	-0.0	15.1	-35.8	-35.8
69	595248.35	4791392.84	16.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-2.7	0.0	0.0	4.8	-0.0	16.5	-37.0	-37.0
70	595241.54	4791394.81	16.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-2.2	0.0	0.0	13.1	-0.0	1.0	-18.8	-18.8
71	595248.35	4791392.84	1.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-4.1	0.0	0.0	11.5	-0.0	15.1	-41.1	-41.1
72	595248.35	4791392.84	1.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-4.1	0.0	0.0	12.1	-0.0	16.5	-43.0	-43.0
73	595241.54	4791394.81	1.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-2.3	0.0	0.0	24.9	-0.0	1.0	-30.4	-30.4
74	595248.35	4791392.84	14.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.0	0.0	0.0	4.8	-0.0	15.1	-35.6	-35.6
75	595248.35	4791392.84	14.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.0	0.0	0.0	4.8	-0.0	16.5	-36.8	-36.8
76	595241.54	4791394.81	14.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	19.7	-0.0	1.0	-25.2	-25.2
77	595248.35	4791392.84	15.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-2.9	0.0	0.0	4.8	-0.0	15.1	-35.7	-35.7
78	595248.35	4791392.84	15.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-2.8	0.0	0.0	4.8	-0.0	16.5	-36.9	-36.9
79	595241.54	4791394.81	15.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-2.3	0.0	0.0	17.6	-0.0	1.0	-23.2	-23.2
80	595248.35	4791392.84	12.10	1	0	57.6	57.6	0.0	0.0	68.7	7.6	-3.2	0.0	0.0	4.8	-0.0	15.1	-35.4	-35.4
81	595248.35	4791392.84	12.10	1	0	57.6	57.6	0.0	0.0	68.6	7.5	-3.1	0.0	0.0	4.8	-0.0	16.5	-36.6	-36.6
82	595241.54	4791394.81	12.10	1	0	62.9	62.9	0.0	0.0	68.6	1.2	-2.6	0.0	0.0	22.1	-0.0	1.0	-27.4	-27.4
83	595248.35	4791392.84	0.30	1	0	55.4	55.4	0.0	0.0	68.7	7.6	-4.2	0.0	0.0	12.4	-0.0	15.1	-44.1	-44.1
84	595248.35	4791392.84	0.30	1	0	55.4	55.4	0.0	0.0	68.6	7.5	-4.2	0.0	0.0	13.0	-0.0	16.5	-46.0	-46.0
85	595241.54	4791394.81	0.30	1	0	60.6	60.6	0.0	0.0	68.6	1.2	-2.7	0.0	0.0	24.9	-0.0	1.0	-32.3	-32.3
86	595240.04	4791395.28	10.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.4	0.0	0.0	4.8	-0.0	16.7	-76.6	-76.6
87	595240.04	4791395.28	10.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.4	0.0	0.0	4.8	-0.0	17.1	-44.9	-44.9
88	595240.04	4791395.28	10.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	23.4	-0.0	1.0	-22.2	-22.2
89	595240.04	4791395.28	12.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.2	0.0	0.0	4.8	-0.0	16.7	-76.7	-76.7
90	595240.04	4791395.28	12.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.2	0.0	0.0	4.8	-0.0	17.1	-45.0	-45.0
91	595240.04	4791395.28	12.10	1	0	69.1	69.1</												

vert. Area Source, ISO 9613, Name: "EngineRoomSouth", ID: "EngineRoomSouth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
92	595240.04	4791395.28	13.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.1	0.0	0.0	4.8	-0.0	16.7	-76.8	-76.8
93	595240.04	4791395.28	13.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.1	0.0	0.0	4.8	-0.0	17.1	-45.1	-45.1
94	595240.04	4791395.28	13.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	21.2	-0.0	1.0	-20.3	-20.3
95	595240.04	4791395.28	14.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.0	0.0	0.0	4.8	-0.0	16.7	-76.9	-76.9
96	595240.04	4791395.28	14.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.0	0.0	0.0	4.8	-0.0	17.1	-45.2	-45.2
97	595240.04	4791395.28	14.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	19.8	-0.0	1.0	-19.0	-19.0
98	595240.04	4791395.28	15.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-2.9	0.0	0.0	4.8	-0.0	16.7	-77.0	-77.0
99	595240.04	4791395.28	15.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-2.9	0.0	0.0	4.8	-0.0	17.1	-45.3	-45.3
100	595240.04	4791395.28	15.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	17.7	-0.0	1.0	-17.0	-17.0
101	595240.04	4791395.28	9.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.5	0.0	0.0	4.9	-0.0	16.7	-76.6	-76.6
102	595240.04	4791395.28	9.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.5	0.0	0.0	4.9	-0.0	17.1	-44.8	-44.8
103	595240.04	4791395.28	9.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	23.8	-0.0	1.0	-22.5	-22.5
104	595240.04	4791395.28	11.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.3	0.0	0.0	4.8	-0.0	16.7	-76.6	-76.6
105	595240.04	4791395.28	11.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.3	0.0	0.0	4.8	-0.0	17.1	-44.9	-44.9
106	595240.04	4791395.28	11.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	22.8	-0.0	1.0	-21.8	-21.8
107	595240.04	4791395.28	2.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-4.0	0.0	0.0	11.6	-0.0	16.7	-82.7	-82.7
108	595240.04	4791395.28	2.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-4.1	0.0	0.0	10.2	-0.0	17.1	-49.5	-49.5
109	595240.04	4791395.28	2.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	24.8	-0.0	1.0	-23.6	-23.6
110	595240.04	4791395.28	6.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.7	0.0	0.0	6.5	-0.0	16.7	-77.8	-77.8
111	595240.04	4791395.28	6.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.7	0.0	0.0	6.0	-0.0	17.1	-45.7	-45.7
112	595240.04	4791395.28	6.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	24.5	-0.0	1.0	-23.0	-23.0
113	595240.04	4791395.28	4.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.9	0.0	0.0	8.9	-0.0	16.7	-80.1	-80.1
114	595240.04	4791395.28	4.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.9	0.0	0.0	7.8	-0.0	17.1	-47.4	-47.4
115	595240.04	4791395.28	4.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	24.7	-0.0	1.0	-23.2	-23.2
116	595240.04	4791395.28	5.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.8	0.0	0.0	7.6	-0.0	16.7	-78.9	-78.9
117	595240.04	4791395.28	5.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.8	0.0	0.0	6.8	-0.0	17.1	-46.4	-46.4
118	595240.04	4791395.28	5.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	24.6	-0.0	1.0	-23.1	-23.1
119	595240.04	4791395.28	7.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.6	0.0	0.0	5.6	-0.0	16.7	-77.1	-77.1
120	595240.04	4791395.28	7.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.6	0.0	0.0	5.4	-0.0	17.1	-45.2	-45.2
121	595240.04	4791395.28	7.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	24.4	-0.0	1.0	-22.9	-22.9
122	595240.04	4791395.28	1.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-4.2	0.0	0.0	13.0	-0.0	16.7	-83.9	-83.9
123	595240.04	4791395.28	1.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-4.2	0.0	0.0	11.3	-0.0	17.1	-50.6	-50.6
124	595240.04	4791395.28	1.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	24.9	-0.0	1.0	-24.2	-24.2
125	595240.04	4791395.28	8.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-3.5	0.0	0.0	5.1	-0.0	16.7	-76.7	-76.7
126	595240.04	4791395.28	8.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-3.5	0.0	0.0	5.0	-0.0	17.1	-44.9	-44.9
127	595240.04	4791395.28	8.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	24.2	-0.0	1.0	-22.8	-22.8
128	595240.04	4791395.28	16.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-2.8	0.0	0.0	4.8	-0.0	16.7	-77.1	-77.1
129	595240.04	4791395.28	16.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-2.8	0.0	0.0	4.8	-0.0	17.1	-45.4	-45.4
130	595240.04	4791395.28	16.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-2.2	0.0	0.0	13.3	-0.0	1.0	-12.7	-12.7
131	595240.04	4791395.28	3.10	1	0	36.1	36.1	0.0	0.0	68.8	25.7	-4.0	0.0	0.0	10.2	-0.0	16.7	-81.4	-81.4
132	595240.04	4791395.28	3.10	1	0	50.0	50.0	0.0	0.0	68.7	7.6	-4.0	0.0	0.0	9.0	-0.0	17.1	-48.4	-48.4
133	595240.04	4791395.28	3.10	1	0	69.1	69.1	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	24.8	-0.0	1.0	-23.4	-23.4
134	595240.04	4791395.28	0.30	1	0	33.9	33.9	0.0	0.0	68.8	25.7	-4.5	0.0	0.0	14.0	-0.0	16.7	-86.8	-86.8
135	595240.04	4791395.28	0.30	1	0	47.7	47.7	0.0	0.0	68.7	7.6	-4.3	0.0	0.0	12.3	-0.0	17.1	-53.6	-53.6
136	595240.04	4791395.28	0.30	1	0	66.9	66.9	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	24.9	-0.0	1.0	-26.0	-26.0

vert. Area Source, ISO 9613, Name: "EngineRoomEast", ID: "EngineRoomEast"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595263.08	4791415.54	14.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-2.5	0.0	0.0	19.7	-0.0	-0.0	-6.2	-6.2
2	595269.34	4791436.02	14.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-2.5	0.0	0.0	19.8	-0.0	-0.0	-16.7	-16.7
3	595263.08	4791415.54	15.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-2.4	0.0	0.0	17.6	-0.0	-0.0	-4.2	-4.2
4	595269.34	4791436.02	15.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-2.4	0.0	0.0	17.7	-0.0	-0.0	-14.7	-14.7
5	595263.08	4791415.54	6.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-3.3	0.0	0.0	24.5	-0.0	-0.0	-10.3	-10.3
6	595269.34	4791436.02	6.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-3.3	0.0	0.0	24.5	-0.0	-0.0	-20.7	-20.7
7	595263.08	4791415.54	3.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-3.3	0.0	0.0	24.7	-0.0	-0.0	-10.5	-10.5
8	595269.34	4791436.02	3.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-3.4	0.0	0.0	24.8	-0.0	-0.0	-20.7	-20.7
9	595263.08	4791415.54	16.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-2.3	0.0	0.0	13.0	-0.0	-0.0	0.3	0.3
10	595269.34	4791436.02	16.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-2.3	0.0	0.0	13.5	-0.0	-0.0	-10.6	-10.6
11	595263.08	4791415.54	11.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-2.8	0.0	0.0	22.8	-0.0	-0.0	-9.0	-9.0
12	595269.34	4791436.02	11.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-2.8	0.0	0.0	22.8	-0.0	-0.0	-19.4	-19.4
13	595263.08	4791415.54	5.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-3.3	0.0	0.0	24.6	-0.0	-0.0	-10.3	-10.3
14	595269.34	4791436.02	5.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-3.3	0.0	0.0	24.6	-0.0	-0.0	-20.7	-20.7
15	595263.08	4791415.54	12.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-2.7	0.0	0.0	22.1	-0.0	-0.0	-8.5	-8.5
16	595269.34	4791436.02	12.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-2.7	0.0	0.0	22.2	-0.0	-0.0	-18.9	-18.9
17	595263.08	4791415.54	13.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-2.6	0.0	0.0	21.1	-0.0	-0.0	-7.5	-7.5
18	595269.34	4791436.02	13.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-2.6	0.0	0.0	21.2	-0.0	-0.0	-18.0	-18.0
19	595263.08	4791415.54	9.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-3.0	0.0	0.0	23.8	-0.0	-0.0	-9.8	-9.8

vert. Area Source, ISO 9613, Name: "EngineRoomEast", ID: "EngineRoomEast"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
20	595269.34	4791436.02	9.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-3.0	0.0	0.0	23.8	-0.0	-0.0	-20.2	-20.2
21	595263.08	4791415.54	10.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-2.9	0.0	0.0	23.3	-0.0	-0.0	-9.5	-9.5
22	595269.34	4791436.02	10.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-2.9	0.0	0.0	23.4	-0.0	-0.0	-19.9	-19.9
23	595263.08	4791415.54	4.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-3.3	0.0	0.0	24.7	-0.0	-0.0	-10.4	-10.4
24	595269.34	4791436.02	4.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-3.3	0.0	0.0	24.7	-0.0	-0.0	-20.7	-20.7
25	595263.08	4791415.54	7.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-3.2	0.0	0.0	24.4	-0.0	-0.0	-10.2	-10.2
26	595269.34	4791436.02	7.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-3.2	0.0	0.0	24.4	-0.0	-0.0	-20.6	-20.6
27	595263.08	4791415.54	8.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-3.1	0.0	0.0	24.2	-0.0	-0.0	-10.1	-10.1
28	595269.34	4791436.02	8.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-3.1	0.0	0.0	24.2	-0.0	-0.0	-20.5	-20.5
29	595263.08	4791415.54	1.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-3.8	0.0	0.0	24.9	-0.0	-0.0	-10.1	-10.1
30	595269.34	4791436.02	1.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-3.9	0.0	0.0	24.9	-0.0	-0.0	-20.4	-20.4
31	595263.08	4791415.54	2.10	0	0	80.9	80.9	0.0	0.0	68.8	1.2	-3.3	0.0	0.0	24.8	-0.0	-0.0	-10.5	-10.5
32	595269.34	4791436.02	2.10	0	0	70.8	70.8	0.0	0.0	69.0	1.2	-3.6	0.0	0.0	24.8	-0.0	-0.0	-20.6	-20.6
33	595263.08	4791415.54	0.30	0	0	78.7	78.7	0.0	0.0	68.8	1.2	-2.9	0.0	0.0	24.9	-0.0	-0.0	-13.2	-13.2
34	595269.34	4791436.02	0.30	0	0	68.6	68.6	0.0	0.0	69.0	1.2	-3.2	0.0	0.0	24.9	-0.0	-0.0	-23.4	-23.4
35	595256.41	4791393.82	9.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	23.8	-0.0	-0.0	-17.4	-17.4
36	595256.41	4791393.82	2.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	24.8	-0.0	-0.0	-18.5	-18.5
37	595256.41	4791393.82	11.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	22.8	-0.0	-0.0	-16.7	-16.7
38	595256.41	4791393.82	10.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	23.4	-0.0	-0.0	-17.1	-17.1
39	595256.41	4791393.82	5.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	24.6	-0.0	-0.0	-17.9	-17.9
40	595256.41	4791393.82	4.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	24.7	-0.0	-0.0	-18.1	-18.1
41	595256.41	4791393.82	1.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	24.9	-0.0	-0.0	-19.0	-19.0
42	595256.41	4791393.82	3.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	24.7	-0.0	-0.0	-18.3	-18.3
43	595256.41	4791393.82	15.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	17.6	-0.0	-0.0	-11.9	-11.9
44	595256.41	4791393.82	14.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	19.7	-0.0	-0.0	-13.9	-13.9
45	595256.41	4791393.82	13.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	21.1	-0.0	-0.0	-15.2	-15.2
46	595256.41	4791393.82	16.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-2.3	0.0	0.0	13.1	-0.0	-0.0	-7.4	-7.4
47	595256.41	4791393.82	7.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	24.4	-0.0	-0.0	-17.9	-17.9
48	595256.41	4791393.82	6.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	24.5	-0.0	-0.0	-17.9	-17.9
49	595256.41	4791393.82	12.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	22.1	-0.0	-0.0	-16.1	-16.1
50	595256.41	4791393.82	8.10	0	0	73.1	73.1	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	24.2	-0.0	-0.0	-17.7	-17.7
51	595256.41	4791393.82	0.30	0	0	70.9	70.9	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	24.9	-0.0	-0.0	-20.5	-20.5
52	595256.41	4791393.82	9.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.4	0.0	0.0	5.0	-0.0	14.6	-70.0	-70.0
53	595256.41	4791393.82	9.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.4	0.0	0.0	5.0	-0.0	17.6	-73.0	-73.0
54	595256.41	4791393.82	2.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-4.0	0.0	0.0	13.2	-0.0	14.6	-77.6	-77.6
55	595256.41	4791393.82	2.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-4.0	0.0	0.0	13.5	-0.0	17.6	-80.8	-80.8
56	595256.41	4791393.82	11.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.3	0.0	0.0	4.8	-0.0	14.6	-70.0	-70.0
57	595256.41	4791393.82	11.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.3	0.0	0.0	4.8	-0.0	17.6	-72.9	-72.9
58	595256.41	4791393.82	10.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.3	0.0	0.0	4.8	-0.0	14.6	-70.0	-70.0
59	595256.41	4791393.82	10.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.3	0.0	0.0	4.8	-0.0	17.6	-72.9	-72.9
60	595256.41	4791393.82	5.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.8	0.0	0.0	8.8	-0.0	14.6	-73.4	-73.4
61	595256.41	4791393.82	5.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.8	0.0	0.0	9.0	-0.0	17.6	-76.6	-76.6
62	595256.41	4791393.82	4.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.9	0.0	0.0	10.3	-0.0	14.6	-74.9	-74.9
63	595256.41	4791393.82	4.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.9	0.0	0.0	10.5	-0.0	17.6	-78.0	-78.0
64	595256.41	4791393.82	1.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-4.1	0.0	0.0	14.6	-0.0	14.6	-78.9	-78.9
65	595256.41	4791393.82	1.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-4.1	0.0	0.0	14.9	-0.0	17.6	-82.1	-82.1
66	595256.41	4791393.82	3.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-4.0	0.0	0.0	11.8	-0.0	14.6	-76.3	-76.3
67	595256.41	4791393.82	3.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-4.0	0.0	0.0	12.1	-0.0	17.6	-79.5	-79.5
68	595256.41	4791393.82	15.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-2.8	0.0	0.0	4.8	-0.0	14.6	-70.4	-70.4
69	595256.41	4791393.82	15.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-2.8	0.0	0.0	4.8	-0.0	17.6	-73.3	-73.3
70	595256.41	4791393.82	14.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-2.9	0.0	0.0	4.8	-0.0	14.6	-70.3	-70.3
71	595256.41	4791393.82	14.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.0	0.0	0.0	4.8	-0.0	17.6	-73.2	-73.2
72	595256.41	4791393.82	13.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.0	0.0	0.0	4.8	-0.0	14.6	-70.2	-70.2
73	595256.41	4791393.82	13.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.0	0.0	0.0	4.8	-0.0	17.6	-73.1	-73.1
74	595256.41	4791393.82	16.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-2.7	0.0	0.0	4.8	-0.0	14.6	-70.5	-70.5
75	595256.41	4791393.82	16.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-2.7	0.0	0.0	4.8	-0.0	17.6	-73.4	-73.4
76	595256.41	4791393.82	7.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.6	0.0	0.0	6.2	-0.0	14.6	-71.1	-71.1
77	595256.41	4791393.82	7.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.6	0.0	0.0	6.4	-0.0	17.6	-74.1	-74.1
78	595256.41	4791393.82	6.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.7	0.0	0.0	7.4	-0.0	14.6	-72.1	-72.1
79	595256.41	4791393.82	6.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.7	0.0	0.0	7.6	-0.0	17.6	-75.2	-75.2
80	595256.41	4791393.82	12.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.1	0.0	0.0	4.8	-0.0	14.6	-70.1	-70.1
81	595256.41	4791393.82	12.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.1	0.0	0.0	4.8	-0.0	17.6	-73.0	-73.0
82	595256.41	4791393.82	8.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.5	0.0	0.0	5.4	-0.0	14.6	-70.4	-70.4
83	595256.41	4791393.82	8.10	1	0	40.1	40.1	0.0	0.0	68.6	25.3	-3.5	0.0	0.0	5.5	-0.0	17.6	-73.4	-73.4
84	595256.41	4791393.82	0.30	1	0	37.8	37.8	0.0	0.0	68.6	25.3	-4.3	0.0	0.0	15.6	-0.0	14.6	-82.0	-82.0
85	595256.41	4791393.82	0.30	1	0	37.8	37.8	0.0	0.0	68.6	25.3	-4.3	0.0	0.0	15.9	-0.0	17.6	-85.2	-85.2

vert. Area Source, ISO 9613, Name: "Turbine Building North", ID: "TurbineBldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahaus dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595237.30	4791421.68	4.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-3.4	0.0	0.0	24.3	-0.0	-0.0	-36.3	-36.3
2	595233.93	4791422.70	4.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-3.4	0.0	0.0	24.3	-0.0	-0.0	-42.5	-42.5
3	595233.27	4791422.90	4.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-3.3	0.0	0.0	5.3	-0.0	-0.0	-41.7	-41.7
4	595237.30	4791421.68	1.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-3.1	0.0	0.0	24.6	-0.0	-0.0	-37.0	-37.0
5	595233.93	4791422.70	1.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-2.7	0.0	0.0	24.6	-0.0	-0.0	-43.5	-43.5
6	595233.27	4791422.90	1.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	6.3	-0.0	-0.0	-43.5	-43.5
7	595237.30	4791421.68	2.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-3.3	0.0	0.0	24.5	-0.0	-0.0	-36.6	-36.6
8	595233.93	4791422.70	2.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-3.2	0.0	0.0	24.5	-0.0	-0.0	-42.9	-42.9
9	595233.27	4791422.90	2.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-3.0	0.0	0.0	6.0	-0.0	-0.0	-42.6	-42.6
10	595237.30	4791421.68	5.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-3.4	0.0	0.0	24.1	-0.0	-0.0	-36.2	-36.2
11	595233.93	4791422.70	5.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-3.4	0.0	0.0	24.1	-0.0	-0.0	-42.4	-42.4
12	595233.27	4791422.90	5.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-3.3	0.0	0.0	5.1	-0.0	-0.0	-41.5	-41.5
13	595237.30	4791421.68	6.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-3.4	0.0	0.0	24.0	-0.0	-0.0	-36.1	-36.1
14	595233.93	4791422.70	6.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-3.4	0.0	0.0	24.0	-0.0	-0.0	-42.3	-42.3
15	595233.27	4791422.90	6.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-3.3	0.0	0.0	5.0	-0.0	-0.0	-41.3	-41.3
16	595237.30	4791421.68	7.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-3.3	0.0	0.0	23.8	-0.0	-0.0	-36.0	-36.0
17	595233.93	4791422.70	7.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-3.3	0.0	0.0	23.8	-0.0	-0.0	-42.2	-42.2
18	595233.27	4791422.90	7.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-3.2	0.0	0.0	4.9	-0.0	-0.0	-41.3	-41.3
19	595237.30	4791421.68	10.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-3.1	0.0	0.0	22.8	-0.0	-0.0	-35.3	-35.3
20	595233.93	4791422.70	10.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-3.0	0.0	0.0	22.8	-0.0	-0.0	-41.5	-41.5
21	595233.27	4791422.90	10.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-3.0	0.0	0.0	4.8	-0.0	-0.0	-41.4	-41.4
22	595237.30	4791421.68	15.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-2.5	0.0	0.0	17.2	-0.0	-0.0	-30.2	-30.2
23	595233.93	4791422.70	15.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-2.5	0.0	0.0	17.2	-0.0	-0.0	-36.4	-36.4
24	595233.27	4791422.90	15.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-2.5	0.0	0.0	4.8	-0.0	-0.0	-41.9	-41.9
25	595237.30	4791421.68	9.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-3.2	0.0	0.0	23.2	-0.0	-0.0	-35.6	-35.6
26	595233.93	4791422.70	9.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-3.1	0.0	0.0	23.2	-0.0	-0.0	-41.8	-41.8
27	595233.27	4791422.90	9.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-3.1	0.0	0.0	4.8	-0.0	-0.0	-41.3	-41.3
28	595237.30	4791421.68	11.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-2.9	0.0	0.0	22.3	-0.0	-0.0	-34.9	-34.9
29	595233.93	4791422.70	11.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-2.9	0.0	0.0	22.3	-0.0	-0.0	-41.1	-41.1
30	595233.27	4791422.90	11.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	-41.5	-41.5
31	595237.30	4791421.68	12.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-2.8	0.0	0.0	21.7	-0.0	-0.0	-34.4	-34.4
32	595233.93	4791422.70	12.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-2.8	0.0	0.0	21.7	-0.0	-0.0	-40.5	-40.5
33	595233.27	4791422.90	12.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-2.8	0.0	0.0	4.8	-0.0	-0.0	-41.6	-41.6
34	595237.30	4791421.68	8.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-3.3	0.0	0.0	23.6	-0.0	-0.0	-35.8	-35.8
35	595233.93	4791422.70	8.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-3.2	0.0	0.0	23.6	-0.0	-0.0	-42.0	-42.0
36	595233.27	4791422.90	8.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-3.2	0.0	0.0	4.8	-0.0	-0.0	-41.3	-41.3
37	595237.30	4791421.68	3.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-3.4	0.0	0.0	24.4	-0.0	-0.0	-36.4	-36.4
38	595233.93	4791422.70	3.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-3.4	0.0	0.0	24.4	-0.0	-0.0	-42.7	-42.7
39	595233.27	4791422.90	3.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-3.2	0.0	0.0	5.6	-0.0	-0.0	-42.0	-42.0
40	595237.30	4791421.68	14.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-2.6	0.0	0.0	19.3	-0.0	-0.0	-32.2	-32.2
41	595233.93	4791422.70	14.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-2.6	0.0	0.0	19.3	-0.0	-0.0	-38.4	-38.4
42	595233.27	4791422.90	14.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-2.6	0.0	0.0	4.8	-0.0	-0.0	-41.8	-41.8
43	595237.30	4791421.68	16.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	12.9	-0.0	-0.0	-26.0	-26.0
44	595233.93	4791422.70	16.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	12.9	-0.0	-0.0	-32.2	-32.2
45	595233.27	4791422.90	16.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-42.0	-42.0
46	595237.30	4791421.68	13.10	0	0	54.4	54.4	0.0	0.0	68.6	1.2	-2.7	0.0	0.0	20.7	-0.0	-0.0	-33.4	-33.4
47	595233.93	4791422.70	13.10	0	0	48.2	48.2	0.0	0.0	68.6	1.2	-2.7	0.0	0.0	20.7	-0.0	-0.0	-39.6	-39.6
48	595233.27	4791422.90	13.10	0	0	30.2	30.2	0.0	0.0	68.6	1.2	-2.7	0.0	0.0	4.8	-0.0	-0.0	-41.7	-41.7
49	595242.60	4791420.07	11.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.0	0.0	0.0	22.3	-0.0	-0.0	-35.1	-35.1
50	595242.60	4791420.07	10.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.1	0.0	0.0	22.8	-0.0	-0.0	-35.4	-35.4
51	595242.60	4791420.07	1.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.6	0.0	0.0	24.6	-0.0	-0.0	-36.6	-36.6
52	595242.60	4791420.07	12.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-2.9	0.0	0.0	21.7	-0.0	-0.0	-34.5	-34.5
53	595242.60	4791420.07	2.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.5	0.0	0.0	24.5	-0.0	-0.0	-36.7	-36.7
54	595242.60	4791420.07	5.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.5	0.0	0.0	24.1	-0.0	-0.0	-36.4	-36.4
55	595242.60	4791420.07	8.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.3	0.0	0.0	23.6	-0.0	-0.0	-36.0	-36.0
56	595242.60	4791420.07	9.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.2	0.0	0.0	23.2	-0.0	-0.0	-35.8	-35.8
57	595242.60	4791420.07	4.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.5	0.0	0.0	24.3	-0.0	-0.0	-36.5	-36.5
58	595242.60	4791420.07	3.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.5	0.0	0.0	24.4	-0.0	-0.0	-36.5	-36.5
59	595242.60	4791420.07	15.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-2.5	0.0	0.0	17.2	-0.0	-0.0	-30.4	-30.4
60	595242.60	4791420.07	16.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-2.4	0.0	0.0	12.9	-0.0	-0.0	-26.2	-26.2
61	595242.60	4791420.07	13.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-2.8	0.0	0.0	20.7	-0.0	-0.0	-33.6	-33.6
62	595242.60	4791420.07	7.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.4	0.0	0.0	23.8	-0.0	-0.0	-36.2	-36.2
63	595242.60	4791420.07	6.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-3.4	0.0	0.0	24.0	-0.0	-0.0	-36.3	-36.3
64	595242.60	4791420.07	14.10	0	0	54.2	54.2	0.0	0.0	68.6	1.3	-2.7	0.0	0.0	19.3	-0.0	-0.0	-32.4	-32.4
65	595237.30	4791421.68	0.30	0	0	52.1	52.1	0.0	0.0	68.6	1.2	-3.7	0.0	0.0	24.6	-0.0	-0.0	-38.6	-38.6
66	595233.93	4791422.70	0.30	0	0	45.9	45.9	0.0	0.0	68.6	1.2	-2.7	0.0	0.0	24.6	-0.0	-0.0	-45.8	-45.8
67	595233.27	4791422.90	0.30	0	0	28.0	28.												

vert. Area Source, ISO 9613, Name: "Turbine Building North", ID: "TurbineBldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
68	595242.60	4791420.07	0.30	0	0	51.9	51.9	0.0	0.0	68.6	1.3	-4.1	0.0	0.0	24.6	-0.0	-0.0	-38.5	-38.5
69	595237.30	4791421.68	4.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-4.0	0.0	0.0	25.0	-0.0	20.2	-198.6	-198.6
70	595237.30	4791421.68	4.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-4.0	0.0	0.0	25.0	-0.0	20.4	-198.5	-198.5
71	595233.93	4791422.70	4.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-4.0	0.0	0.0	25.0	-0.0	20.3	-205.2	-205.2
72	595233.93	4791422.70	4.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-4.0	0.0	0.0	25.0	-0.0	20.4	-205.0	-205.0
73	595233.27	4791422.90	4.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-4.0	0.0	0.0	25.0	-0.0	20.4	-223.3	-223.3
74	595233.27	4791422.90	4.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-4.0	0.0	0.0	25.0	-0.0	20.4	-223.0	-223.0
75	595235.44	4791422.25	4.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.5	0.0	0.0	24.3	-0.0	1.0	-39.0	-39.0
76	595237.30	4791421.68	1.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-4.5	0.0	0.0	25.0	-0.0	20.2	-198.1	-198.1
77	595237.30	4791421.68	1.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-4.5	0.0	0.0	25.0	-0.0	20.4	-197.9	-197.9
78	595233.93	4791422.70	1.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-4.5	0.0	0.0	25.0	-0.0	20.3	-204.7	-204.7
79	595233.93	4791422.70	1.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-4.5	0.0	0.0	25.0	-0.0	20.4	-204.5	-204.5
80	595233.27	4791422.90	1.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-4.5	0.0	0.0	25.0	-0.0	20.4	-222.8	-222.8
81	595233.27	4791422.90	1.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-4.5	0.0	0.0	25.0	-0.0	20.4	-222.5	-222.5
82	595235.44	4791422.25	1.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.6	0.0	0.0	24.6	-0.0	1.0	-39.2	-39.2
83	595237.30	4791421.68	2.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-4.2	0.0	0.0	25.0	-0.0	20.2	-198.3	-198.3
84	595237.30	4791421.68	2.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-4.3	0.0	0.0	25.0	-0.0	20.4	-198.2	-198.2
85	595233.93	4791422.70	2.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-4.3	0.0	0.0	25.0	-0.0	20.3	-204.9	-204.9
86	595233.93	4791422.70	2.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-4.2	0.0	0.0	25.0	-0.0	20.4	-204.7	-204.7
87	595233.27	4791422.90	2.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-4.3	0.0	0.0	25.0	-0.0	20.4	-223.0	-223.0
88	595233.27	4791422.90	2.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-4.2	0.0	0.0	25.0	-0.0	20.4	-222.8	-222.8
89	595235.44	4791422.25	2.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.5	0.0	0.0	24.5	-0.0	1.0	-39.2	-39.2
90	595237.30	4791421.68	5.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-3.9	0.0	0.0	25.0	-0.0	20.2	-198.7	-198.7
91	595237.30	4791421.68	5.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-3.9	0.0	0.0	25.0	-0.0	20.4	-198.6	-198.6
92	595233.93	4791422.70	5.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-3.9	0.0	0.0	25.0	-0.0	20.3	-205.3	-205.3
93	595233.93	4791422.70	5.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-3.9	0.0	0.0	25.0	-0.0	20.4	-205.1	-205.1
94	595233.27	4791422.90	5.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.9	0.0	0.0	25.0	-0.0	20.4	-223.4	-223.4
95	595233.27	4791422.90	5.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-3.9	0.0	0.0	25.0	-0.0	20.4	-223.1	-223.1
96	595235.44	4791422.25	5.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.5	0.0	0.0	24.2	-0.0	1.0	-38.9	-38.9
97	595237.30	4791421.68	6.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-3.8	0.0	0.0	25.0	-0.0	20.2	-198.7	-198.7
98	595237.30	4791421.68	6.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-3.8	0.0	0.0	25.0	-0.0	20.4	-198.6	-198.6
99	595233.93	4791422.70	6.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-3.8	0.0	0.0	25.0	-0.0	20.3	-205.4	-205.4
100	595233.93	4791422.70	6.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-3.8	0.0	0.0	25.0	-0.0	20.4	-205.2	-205.2
101	595233.27	4791422.90	6.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.8	0.0	0.0	25.0	-0.0	20.4	-223.5	-223.5
102	595233.27	4791422.90	6.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-3.8	0.0	0.0	25.0	-0.0	20.4	-223.2	-223.2
103	595235.44	4791422.25	6.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.4	0.0	0.0	24.1	-0.0	1.0	-38.8	-38.8
104	595237.30	4791421.68	7.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-3.7	0.0	0.0	25.0	-0.0	20.2	-198.8	-198.8
105	595237.30	4791421.68	7.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-3.7	0.0	0.0	25.0	-0.0	20.4	-198.7	-198.7
106	595233.93	4791422.70	7.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-3.7	0.0	0.0	25.0	-0.0	20.3	-205.5	-205.5
107	595233.93	4791422.70	7.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-3.7	0.0	0.0	25.0	-0.0	20.4	-205.3	-205.3
108	595233.27	4791422.90	7.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.7	0.0	0.0	25.0	-0.0	20.4	-223.5	-223.5
109	595233.27	4791422.90	7.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-3.7	0.0	0.0	25.0	-0.0	20.4	-223.3	-223.3
110	595235.44	4791422.25	7.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.4	0.0	0.0	23.9	-0.0	1.0	-38.7	-38.7
111	595237.30	4791421.68	10.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-3.4	0.0	0.0	25.0	-0.0	20.2	-199.1	-199.1
112	595237.30	4791421.68	10.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-3.4	0.0	0.0	25.0	-0.0	20.4	-199.0	-199.0
113	595233.93	4791422.70	10.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-3.4	0.0	0.0	25.0	-0.0	20.3	-205.8	-205.8
114	595233.93	4791422.70	10.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-3.4	0.0	0.0	25.0	-0.0	20.4	-205.5	-205.5
115	595233.27	4791422.90	10.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.4	0.0	0.0	25.0	-0.0	20.4	-223.8	-223.8
116	595233.27	4791422.90	10.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-3.4	0.0	0.0	25.0	-0.0	20.4	-223.6	-223.6
117	595235.44	4791422.25	10.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.1	0.0	0.0	22.9	-0.0	1.0	-37.9	-37.9
118	595237.30	4791421.68	15.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-2.9	0.0	0.0	25.0	-0.0	20.2	-199.6	-199.6
119	595237.30	4791421.68	15.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-2.9	0.0	0.0	25.0	-0.0	20.4	-199.5	-199.5
120	595233.93	4791422.70	15.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-3.0	0.0	0.0	25.0	-0.0	20.3	-206.3	-206.3
121	595233.93	4791422.70	15.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-2.9	0.0	0.0	25.0	-0.0	20.4	-206.0	-206.0
122	595233.27	4791422.90	15.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.0	0.0	0.0	25.0	-0.0	20.4	-224.3	-224.3
123	595233.27	4791422.90	15.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-2.9	0.0	0.0	25.0	-0.0	20.4	-224.1	-224.1
124	595235.44	4791422.25	15.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-2.5	0.0	0.0	17.3	-0.0	1.0	-32.9	-32.9
125	595237.30	4791421.68	9.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-3.5	0.0	0.0	25.0	-0.0	20.2	-199.0	-199.0
126	595237.30	4791421.68	9.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-3.5	0.0	0.0	25.0	-0.0	20.4	-198.9	-198.9
127	595233.93	4791422.70	9.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-3.5	0.0	0.0	25.0	-0.0	20.3	-205.7	-205.7
128	595233.93	4791422.70	9.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-3.5	0.0	0.0	25.0	-0.0	20.4	-205.4	-205.4
129	595233.27	4791422.90	9.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.5	0.0	0.0	25.0	-0.0	20.4	-223.7	-223.7
130	595233.27	4791422.90	9.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-3.5	0.0	0.0	25.0	-0.0	20.4	-223.5	-223.5
131	595235.44	4791422.25	9.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.2	0.0	0.0	23.3	-0.0	1.0	-38.3	-38.3
132	595237.30	4791421.68	11.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-3.3	0.0	0.0	25.0	-0.0	20.2	-199.2	-199.2
133	595237.30	4791421.68	11.10	1	0														

vert. Area Source, ISO 9613, Name: "Turbine Building North", ID: "TurbineBldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
135	595233.93	4791422.70	11.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-3.3	0.0	0.0	25.0	-0.0	20.4	-205.6	-205.6
136	595233.27	4791422.90	11.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.3	0.0	0.0	25.0	-0.0	20.4	-223.9	-223.9
137	595233.27	4791422.90	11.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-3.3	0.0	0.0	25.0	-0.0	20.4	-223.7	-223.7
138	595235.44	4791422.25	11.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.0	0.0	0.0	22.4	-0.0	1.0	-37.6	-37.6
139	595237.30	4791421.68	12.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-3.2	0.0	0.0	25.0	-0.0	20.2	-199.3	-199.3
140	595237.30	4791421.68	12.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-3.2	0.0	0.0	25.0	-0.0	20.4	-199.2	-199.2
141	595233.93	4791422.70	12.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-3.3	0.0	0.0	25.0	-0.0	20.3	-206.0	-206.0
142	595233.93	4791422.70	12.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-3.2	0.0	0.0	25.0	-0.0	20.4	-205.7	-205.7
143	595233.27	4791422.90	12.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.3	0.0	0.0	25.0	-0.0	20.4	-224.0	-224.0
144	595233.27	4791422.90	12.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-3.2	0.0	0.0	25.0	-0.0	20.4	-223.8	-223.8
145	595235.44	4791422.25	12.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-2.9	0.0	0.0	21.8	-0.0	1.0	-37.0	-37.0
146	595237.30	4791421.68	8.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-3.6	0.0	0.0	25.0	-0.0	20.2	-198.9	-198.9
147	595237.30	4791421.68	8.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-3.6	0.0	0.0	25.0	-0.0	20.4	-198.8	-198.8
148	595233.93	4791422.70	8.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-3.6	0.0	0.0	25.0	-0.0	20.3	-205.6	-205.6
149	595233.93	4791422.70	8.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-3.6	0.0	0.0	25.0	-0.0	20.4	-205.4	-205.4
150	595233.27	4791422.90	8.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.6	0.0	0.0	25.0	-0.0	20.4	-223.7	-223.7
151	595233.27	4791422.90	8.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-3.6	0.0	0.0	25.0	-0.0	20.4	-223.4	-223.4
152	595235.44	4791422.25	8.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.3	0.0	0.0	23.7	-0.0	1.0	-38.5	-38.5
153	595237.30	4791421.68	3.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-4.1	0.0	0.0	25.0	-0.0	20.2	-198.5	-198.5
154	595237.30	4791421.68	3.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-4.1	0.0	0.0	25.0	-0.0	20.4	-198.3	-198.3
155	595233.93	4791422.70	3.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-4.1	0.0	0.0	25.0	-0.0	20.3	-205.1	-205.1
156	595233.93	4791422.70	3.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-4.1	0.0	0.0	25.0	-0.0	20.4	-204.9	-204.9
157	595233.27	4791422.90	3.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-4.1	0.0	0.0	25.0	-0.0	20.4	-223.2	-223.2
158	595233.27	4791422.90	3.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-4.1	0.0	0.0	25.0	-0.0	20.4	-222.9	-222.9
159	595235.44	4791422.25	3.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-3.5	0.0	0.0	24.4	-0.0	1.0	-39.0	-39.0
160	595237.30	4791421.68	14.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-3.0	0.0	0.0	25.0	-0.0	20.2	-199.5	-199.5
161	595237.30	4791421.68	14.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-3.0	0.0	0.0	25.0	-0.0	20.4	-199.4	-199.4
162	595233.93	4791422.70	14.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-3.1	0.0	0.0	25.0	-0.0	20.3	-206.2	-206.2
163	595233.93	4791422.70	14.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-3.0	0.0	0.0	25.0	-0.0	20.4	-205.9	-205.9
164	595233.27	4791422.90	14.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.1	0.0	0.0	25.0	-0.0	20.4	-224.2	-224.2
165	595233.27	4791422.90	14.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-3.0	0.0	0.0	25.0	-0.0	20.4	-224.0	-224.0
166	595235.44	4791422.25	14.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-2.7	0.0	0.0	19.4	-0.0	1.0	-34.9	-34.9
167	595237.30	4791421.68	16.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-2.8	0.0	0.0	25.0	-0.0	20.2	-199.7	-199.7
168	595237.30	4791421.68	16.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-2.8	0.0	0.0	25.0	-0.0	20.4	-199.6	-199.6
169	595233.93	4791422.70	16.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-2.9	0.0	0.0	25.0	-0.0	20.3	-206.4	-206.4
170	595233.93	4791422.70	16.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-2.8	0.0	0.0	25.0	-0.0	20.4	-206.1	-206.1
171	595233.27	4791422.90	16.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-2.9	0.0	0.0	25.0	-0.0	20.4	-224.4	-224.4
172	595233.27	4791422.90	16.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-2.8	0.0	0.0	25.0	-0.0	20.4	-224.2	-224.2
173	595235.44	4791422.25	16.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-2.4	0.0	0.0	12.9	-0.0	1.0	-28.7	-28.7
174	595237.30	4791421.68	13.10	1	0	4.3	4.3	0.0	0.0	69.0	92.6	-3.1	0.0	0.0	25.0	-0.0	20.2	-199.4	-199.4
175	595237.30	4791421.68	13.10	1	0	4.3	4.3	0.0	0.0	69.0	92.3	-3.1	0.0	0.0	25.0	-0.0	20.4	-199.3	-199.3
176	595233.93	4791422.70	13.10	1	0	-1.9	-1.9	0.0	0.0	69.0	93.0	-3.1	0.0	0.0	25.0	-0.0	20.3	-206.1	-206.1
177	595233.93	4791422.70	13.10	1	0	-1.9	-1.9	0.0	0.0	69.0	92.6	-3.1	0.0	0.0	25.0	-0.0	20.4	-205.8	-205.8
178	595233.27	4791422.90	13.10	1	0	-19.9	-19.9	0.0	0.0	69.0	93.0	-3.1	0.0	0.0	25.0	-0.0	20.4	-224.1	-224.1
179	595233.27	4791422.90	13.10	1	0	-19.9	-19.9	0.0	0.0	69.0	92.7	-3.1	0.0	0.0	25.0	-0.0	20.4	-223.9	-223.9
180	595235.44	4791422.25	13.10	1	0	52.8	52.8	0.0	0.0	68.7	1.3	-2.8	0.0	0.0	20.8	-0.0	1.0	-36.1	-36.1
181	595242.60	4791420.07	11.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-3.3	0.0	0.0	25.0	-0.0	20.1	-198.8	-198.8
182	595242.60	4791420.07	11.10	1	0	4.1	4.1	0.0	0.0	68.9	91.9	-3.3	0.0	0.0	25.0	-0.0	20.4	-198.9	-198.9
183	595242.60	4791420.07	10.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-3.4	0.0	0.0	25.0	-0.0	20.1	-198.7	-198.7
184	595242.60	4791420.07	10.10	1	0	4.1	4.1	0.0	0.0	68.9	91.9	-3.4	0.0	0.0	25.0	-0.0	20.4	-198.8	-198.8
185	595242.60	4791420.07	1.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-4.5	0.0	0.0	25.0	-0.0	20.1	-197.6	-197.6
186	595242.60	4791420.07	1.10	1	0	4.1	4.1	0.0	0.0	68.9	91.9	-4.5	0.0	0.0	25.0	-0.0	20.4	-197.7	-197.7
187	595242.60	4791420.07	12.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-3.2	0.0	0.0	25.0	-0.0	20.1	-198.9	-198.9
188	595242.60	4791420.07	12.10	1	0	4.1	4.1	0.0	0.0	68.9	92.0	-3.2	0.0	0.0	25.0	-0.0	20.4	-199.0	-199.0
189	595242.60	4791420.07	2.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-4.2	0.0	0.0	25.0	-0.0	20.1	-197.9	-197.9
190	595242.60	4791420.07	2.10	1	0	4.1	4.1	0.0	0.0	68.9	91.9	-4.2	0.0	0.0	25.0	-0.0	20.4	-198.0	-198.0
191	595242.60	4791420.07	5.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-3.9	0.0	0.0	25.0	-0.0	20.1	-198.2	-198.2
192	595242.60	4791420.07	5.10	1	0	4.1	4.1	0.0	0.0	68.9	91.9	-3.9	0.0	0.0	25.0	-0.0	20.4	-198.3	-198.3
193	595242.60	4791420.07	8.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-3.6	0.0	0.0	25.0	-0.0	20.1	-198.5	-198.5
194	595242.60	4791420.07	8.10	1	0	4.1	4.1	0.0	0.0	68.9	91.9	-3.6	0.0	0.0	25.0	-0.0	20.4	-198.6	-198.6
195	595242.60	4791420.07	9.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-3.5	0.0	0.0	25.0	-0.0	20.1	-198.6	-198.6
196	595242.60	4791420.07	9.10	1	0	4.1	4.1	0.0	0.0	68.9	91.9	-3.5	0.0	0.0	25.0	-0.0	20.4	-198.7	-198.7
197	595242.60	4791420.07	4.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-4.0	0.0	0.0	25.0	-0.0	20.1	-198.1	-198.1
198	595242.60	4791420.07	4.10	1	0	4.1	4.1	0.0	0.0	68.9	91.9	-4.0	0.0	0.0	25.0	-0.0	20.4	-198.2	-198.2
199	595242.60	4791420.07	3.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-4.1	0.0	0.0	25.0	-0.0	20.1	-198.0	-198.0
200</																			

vert. Area Source, ISO 9613, Name: "Turbine Building North", ID: "TurbineBldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
202	595242.60	4791420.07	15.10	1	0	4.1	4.1	0.0	0.0	68.9	92.0	-2.9	0.0	0.0	25.0	-0.0	20.4	-199.3	-199.3
203	595242.60	4791420.07	16.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-2.8	0.0	0.0	25.0	-0.0	20.1	-199.3	-199.3
204	595242.60	4791420.07	16.10	1	0	4.1	4.1	0.0	0.0	68.9	92.0	-2.8	0.0	0.0	25.0	-0.0	20.4	-199.4	-199.4
205	595242.60	4791420.07	13.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-3.1	0.0	0.0	25.0	-0.0	20.1	-199.0	-199.0
206	595242.60	4791420.07	13.10	1	0	4.1	4.1	0.0	0.0	68.9	92.0	-3.1	0.0	0.0	25.0	-0.0	20.4	-199.1	-199.1
207	595242.60	4791420.07	7.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-3.7	0.0	0.0	25.0	-0.0	20.1	-198.4	-198.4
208	595242.60	4791420.07	7.10	1	0	4.1	4.1	0.0	0.0	68.9	91.9	-3.7	0.0	0.0	25.0	-0.0	20.4	-198.5	-198.5
209	595242.60	4791420.07	6.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-3.8	0.0	0.0	25.0	-0.0	20.1	-198.3	-198.3
210	595242.60	4791420.07	6.10	1	0	4.1	4.1	0.0	0.0	68.9	91.9	-3.8	0.0	0.0	25.0	-0.0	20.4	-198.4	-198.4
211	595242.60	4791420.07	14.10	1	0	4.1	4.1	0.0	0.0	68.9	92.2	-3.0	0.0	0.0	25.0	-0.0	20.1	-199.1	-199.1
212	595242.60	4791420.07	14.10	1	0	4.1	4.1	0.0	0.0	68.9	92.0	-3.0	0.0	0.0	25.0	-0.0	20.4	-199.2	-199.2
213	595237.30	4791421.68	0.30	1	0	2.1	2.1	0.0	0.0	69.0	92.6	-4.5	0.0	0.0	25.0	-0.0	20.2	-200.3	-200.3
214	595237.30	4791421.68	0.30	1	0	2.1	2.1	0.0	0.0	69.0	92.3	-4.5	0.0	0.0	25.0	-0.0	20.4	-200.2	-200.2
215	595233.93	4791422.70	0.30	1	0	-4.1	-4.1	0.0	0.0	69.0	93.0	-4.5	0.0	0.0	25.0	-0.0	20.3	-206.9	-206.9
216	595233.93	4791422.70	0.30	1	0	-4.1	-4.1	0.0	0.0	69.0	92.6	-4.6	0.0	0.0	25.0	-0.0	20.4	-206.6	-206.6
217	595233.27	4791422.90	0.30	1	0	-22.1	-22.1	0.0	0.0	69.0	93.0	-4.5	0.0	0.0	25.0	-0.0	20.4	-225.0	-225.0
218	595233.27	4791422.90	0.30	1	0	-22.1	-22.1	0.0	0.0	69.0	92.7	-4.6	0.0	0.0	25.0	-0.0	20.4	-224.6	-224.6
219	595235.44	4791422.25	0.30	1	0	50.6	50.6	0.0	0.0	68.7	1.3	-4.1	0.0	0.0	24.7	-0.0	1.0	-40.9	-40.9
220	595242.60	4791420.07	0.30	1	0	1.9	1.9	0.0	0.0	68.9	92.2	-4.6	0.0	0.0	25.0	-0.0	20.1	-199.7	-199.7
221	595242.60	4791420.07	0.30	1	0	1.9	1.9	0.0	0.0	68.9	91.9	-4.6	0.0	0.0	25.0	-0.0	20.4	-199.8	-199.8

vert. Area Source, ISO 9613, Name: "Turbine Building West", ID: "TurbineBldgWest"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	dB)	dB)	dB)	dB)	dB)	dB)	dB)	dB)	dB)	dB)	dB(A)	dB(A)
1	595232.01	4791418.42	12.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	4.8	-0.0	-0.0	-15.2	-15.2
2	595232.01	4791418.42	14.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	4.8	-0.0	-0.0	-15.4	-15.4
3	595232.01	4791418.42	10.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	4.8	-0.0	-0.0	-15.1	-15.1
4	595232.01	4791418.42	11.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	-15.2	-15.2
5	595232.01	4791418.42	1.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	6.5	-0.0	-0.0	-17.4	-17.4
6	595232.01	4791418.42	8.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.8	-0.0	-0.0	-14.9	-14.9
7	595232.01	4791418.42	9.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.8	-0.0	-0.0	-15.0	-15.0
8	595232.01	4791418.42	3.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	5.7	-0.0	-0.0	-15.8	-15.8
9	595232.01	4791418.42	5.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.2	-0.0	-0.0	-15.1	-15.1
10	595232.01	4791418.42	13.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	4.8	-0.0	-0.0	-15.3	-15.3
11	595232.01	4791418.42	2.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	6.1	-0.0	-0.0	-16.4	-16.4
12	595232.01	4791418.42	15.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	4.8	-0.0	-0.0	-15.5	-15.5
13	595232.01	4791418.42	16.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-15.6	-15.6
14	595232.01	4791418.42	6.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.0	-0.0	-0.0	-15.0	-15.0
15	595232.01	4791418.42	7.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	4.9	-0.0	-0.0	-14.9	-14.9
16	595232.01	4791418.42	4.10	0	0	56.5	56.5	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.4	-0.0	-0.0	-15.4	-15.4
17	595229.64	4791409.85	7.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	4.9	-0.0	-0.0	-15.3	-15.3
18	595229.64	4791409.85	12.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	4.8	-0.0	-0.0	-15.6	-15.6
19	595229.64	4791409.85	9.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.8	-0.0	-0.0	-15.3	-15.3
20	595229.64	4791409.85	8.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.8	-0.0	-0.0	-15.3	-15.3
21	595229.64	4791409.85	4.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	5.6	-0.0	-0.0	-16.0	-16.0
22	595229.64	4791409.85	14.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	4.8	-0.0	-0.0	-15.8	-15.8
23	595229.64	4791409.85	15.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	4.8	-0.0	-0.0	-15.9	-15.9
24	595229.64	4791409.85	1.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	7.0	-0.0	-0.0	-18.1	-18.1
25	595229.64	4791409.85	6.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.1	-0.0	-0.0	-15.4	-15.4
26	595229.64	4791409.85	5.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.3	-0.0	-0.0	-15.6	-15.6
27	595229.64	4791409.85	3.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	6.0	-0.0	-0.0	-16.4	-16.4
28	595229.64	4791409.85	10.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	4.8	-0.0	-0.0	-15.4	-15.4
29	595229.64	4791409.85	11.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	-15.5	-15.5
30	595229.64	4791409.85	16.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-16.0	-16.0
31	595229.64	4791409.85	13.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	4.8	-0.0	-0.0	-15.7	-15.7
32	595229.64	4791409.85	2.10	0	0	56.1	56.1	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	6.5	-0.0	-0.0	-17.1	-17.1
33	595232.01	4791418.42	0.30	0	0	54.3	54.3	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	6.9	-0.0	-0.0	-19.9	-19.9
34	595229.64	4791409.85	0.30	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	7.4	-0.0	-0.0	-20.6	-20.6
35	595232.01	4791418.42	12.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-3.3	0.0	0.0	25.0	-0.0	19.9	-196.9	-196.9
36	595232.01	4791418.42	12.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-3.2	0.0	0.0	25.0	-0.0	20.0	-114.7	-114.7
37	595232.01	4791418.42	14.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-3.0	0.0	0.0	25.0	-0.0	19.9	-197.1	-197.1
38	595232.01	4791418.42	14.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-3.0	0.0	0.0	25.0	-0.0	20.0	-114.9	-114.9
39	595232.01	4791418.42	10.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-3.4	0.0	0.0	25.0	-0.0	19.9	-196.7	-196.7
40	595232.01	4791418.42	10.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-3.4	0.0	0.0	25.0	-0.0	20.0	-114.5	-114.5
41	595232.01	4791418.42	11.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-3.3	0.0	0.0	25.0	-0.0	19.9	-196.8	-196.8
42	595232.01	4791418.42	11.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-3.3	0.0	0.0	25.0	-0.0	20.0	-114.6	-114.6
43	595232.01	4791418.42	1.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-4.5	0.0	0.0	25.0	-0.0	19.9	-195.7	-195.7
44	595232.01	4791418.42	1.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-4.5	0.0	0.0	25.0	-0.0	20.0	-113.4	-113.4

vert. Area Source, ISO 9613, Name: "Turbine Building West", ID: "TurbineBldgWest"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	LrT dB(A)	LrN dB(A)
45	595232.01	4791418.42	8.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-3.6	0.0	0.0	25.0	-0.0	19.9	-196.6	-196.6
46	595232.01	4791418.42	8.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-3.6	0.0	0.0	25.0	-0.0	20.0	-114.3	-114.3
47	595232.01	4791418.42	9.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-3.5	0.0	0.0	25.0	-0.0	19.9	-196.6	-196.6
48	595232.01	4791418.42	9.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-3.5	0.0	0.0	25.0	-0.0	20.0	-114.4	-114.4
49	595232.01	4791418.42	3.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-4.1	0.0	0.0	25.0	-0.0	19.9	-196.1	-196.1
50	595232.01	4791418.42	3.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-4.1	0.0	0.0	25.0	-0.0	20.0	-113.8	-113.8
51	595232.01	4791418.42	5.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-3.9	0.0	0.0	25.0	-0.0	19.9	-196.3	-196.3
52	595232.01	4791418.42	5.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-3.9	0.0	0.0	25.0	-0.0	20.0	-114.0	-114.0
53	595232.01	4791418.42	13.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-3.1	0.0	0.0	25.0	-0.0	19.9	-197.0	-197.0
54	595232.01	4791418.42	13.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-3.1	0.0	0.0	25.0	-0.0	20.0	-114.8	-114.8
55	595232.01	4791418.42	2.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-4.3	0.0	0.0	25.0	-0.0	19.9	-195.9	-195.9
56	595232.01	4791418.42	2.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-4.2	0.0	0.0	25.0	-0.0	20.0	-113.7	-113.7
57	595232.01	4791418.42	15.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-2.9	0.0	0.0	25.0	-0.0	19.9	-197.2	-197.2
58	595232.01	4791418.42	15.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-2.9	0.0	0.0	25.0	-0.0	20.0	-115.0	-115.0
59	595232.01	4791418.42	16.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-2.9	0.0	0.0	25.0	-0.0	19.9	-197.3	-197.3
60	595232.01	4791418.42	16.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-2.8	0.0	0.0	24.3	-0.0	20.0	-114.3	-114.3
61	595232.01	4791418.42	6.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-3.8	0.0	0.0	25.0	-0.0	19.9	-196.4	-196.4
62	595232.01	4791418.42	6.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-3.8	0.0	0.0	25.0	-0.0	20.0	-114.1	-114.1
63	595232.01	4791418.42	7.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-3.7	0.0	0.0	25.0	-0.0	19.9	-196.5	-196.5
64	595232.01	4791418.42	7.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-3.7	0.0	0.0	25.0	-0.0	20.0	-114.2	-114.2
65	595232.01	4791418.42	4.10	1	0	6.4	6.4	0.0	0.0	69.0	92.7	-4.0	0.0	0.0	25.0	-0.0	19.9	-196.2	-196.2
66	595232.01	4791418.42	4.10	1	0	22.1	22.1	0.0	0.0	69.0	26.0	-4.0	0.0	0.0	25.0	-0.0	20.0	-113.9	-113.9
67	595229.64	4791409.85	7.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-3.7	0.0	0.0	25.0	-0.0	19.2	-195.6	-195.6
68	595229.64	4791409.85	7.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.7	0.0	0.0	25.0	-0.0	19.2	-113.6	-113.6
69	595229.64	4791409.85	12.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-3.2	0.0	0.0	25.0	-0.0	19.2	-196.0	-196.0
70	595229.64	4791409.85	12.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.2	0.0	0.0	25.0	-0.0	19.2	-114.1	-114.1
71	595229.64	4791409.85	9.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-3.5	0.0	0.0	25.0	-0.0	19.2	-195.8	-195.8
72	595229.64	4791409.85	9.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.5	0.0	0.0	25.0	-0.0	19.2	-113.8	-113.8
73	595229.64	4791409.85	8.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-3.6	0.0	0.0	25.0	-0.0	19.2	-195.7	-195.7
74	595229.64	4791409.85	8.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.6	0.0	0.0	25.0	-0.0	19.2	-113.7	-113.7
75	595229.64	4791409.85	4.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-4.0	0.0	0.0	25.0	-0.0	19.2	-195.3	-195.3
76	595229.64	4791409.85	4.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.9	0.0	0.0	25.0	-0.0	19.2	-113.3	-113.3
77	595229.64	4791409.85	14.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-3.0	0.0	0.0	25.0	-0.0	19.2	-196.2	-196.2
78	595229.64	4791409.85	14.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.0	0.0	0.0	25.0	-0.0	19.2	-114.3	-114.3
79	595229.64	4791409.85	15.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-2.9	0.0	0.0	25.0	-0.0	19.2	-196.3	-196.3
80	595229.64	4791409.85	15.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-2.9	0.0	0.0	25.0	-0.0	19.2	-114.3	-114.3
81	595229.64	4791409.85	1.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-4.5	0.0	0.0	25.0	-0.0	19.2	-194.8	-194.8
82	595229.64	4791409.85	1.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-4.3	0.0	0.0	25.0	-0.0	19.2	-113.0	-113.0
83	595229.64	4791409.85	6.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-3.8	0.0	0.0	25.0	-0.0	19.2	-195.5	-195.5
84	595229.64	4791409.85	6.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.8	0.0	0.0	25.0	-0.0	19.2	-113.5	-113.5
85	595229.64	4791409.85	5.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-3.9	0.0	0.0	25.0	-0.0	19.2	-195.4	-195.4
86	595229.64	4791409.85	5.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.8	0.0	0.0	25.0	-0.0	19.2	-113.4	-113.4
87	595229.64	4791409.85	3.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-4.1	0.0	0.0	25.0	-0.0	19.2	-195.2	-195.2
88	595229.64	4791409.85	3.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-4.0	0.0	0.0	25.0	-0.0	19.2	-113.3	-113.3
89	595229.64	4791409.85	10.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-3.4	0.0	0.0	25.0	-0.0	19.2	-195.8	-195.8
90	595229.64	4791409.85	10.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.4	0.0	0.0	25.0	-0.0	19.2	-113.9	-113.9
91	595229.64	4791409.85	11.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-3.3	0.0	0.0	25.0	-0.0	19.2	-195.9	-195.9
92	595229.64	4791409.85	11.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.3	0.0	0.0	25.0	-0.0	19.2	-114.0	-114.0
93	595229.64	4791409.85	16.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-2.8	0.0	0.0	25.0	-0.0	19.2	-196.4	-196.4
94	595229.64	4791409.85	16.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-2.8	0.0	0.0	24.0	-0.0	19.2	-113.5	-113.5
95	595229.64	4791409.85	13.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-3.1	0.0	0.0	25.0	-0.0	19.2	-196.1	-196.1
96	595229.64	4791409.85	13.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-3.1	0.0	0.0	25.0	-0.0	19.2	-114.2	-114.2
97	595229.64	4791409.85	2.10	1	0	6.0	6.0	0.0	0.0	68.9	92.2	-4.2	0.0	0.0	25.0	-0.0	19.2	-195.1	-195.1
98	595229.64	4791409.85	2.10	1	0	21.7	21.7	0.0	0.0	68.9	25.8	-4.1	0.0	0.0	25.0	-0.0	19.2	-113.1	-113.1
99	595232.01	4791418.42	0.30	1	0	4.2	4.2	0.0	0.0	69.0	92.7	-4.5	0.0	0.0	25.0	-0.0	19.9	-197.8	-197.8
100	595232.01	4791418.42	0.30	1	0	19.8	19.8	0.0	0.0	69.0	26.0	-4.6	0.0	0.0	25.0	-0.0	20.0	-115.5	-115.5
101	595229.64	4791409.85	0.30	1	0	3.8	3.8	0.0	0.0	68.9	92.2	-4.5	0.0	0.0	25.0	-0.0	19.2	-196.9	-196.9
102	595229.64	4791409.85	0.30	1	0	19.4	19.4	0.0	0.0	68.9	25.8	-4.5	0.0	0.0	25.0	-0.0	19.2	-115.0	-115.0

vert. Area Source, ISO 9613, Name: "Turbine Building South", ID: "TurbineBldgSouth"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595231.02	4791405.05	8.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	4.8	-0.0	-0.0	-17.3	-17.3
2	595234.48	4791404.05	8.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	4.8	-0.0	-0.0	-21.5	-21.5
3	595231.02	4791405.05	7.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	5.0	-0.0	-0.0	-17.4	-17.4
4	595234.48	4791404.05	7.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-3.3	0.0	0.0	5.0	-0.0	-0.0	-21.6	-21.6
5	595231.02	4791405.05	6.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-3.3	0.0	0.0	5.1	-0.0	-0.0	-17.5	-17.5
6	595234.48	4791404.05	6.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-3.3	0.0	0.0	5.1	-0.0	-0.0	-21.7	-21.7

vert. Area Source, ISO 9613, Name: "Turbine Building South", ID: "TurbineBldgSouth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
7	595231.02	4791405.05	5.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-3.3	0.0	0.0	5.4	-0.0	-0.0	-17.7	-17.7
8	595234.48	4791404.05	5.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-3.3	0.0	0.0	5.4	-0.0	-0.0	-21.9	-21.9
9	595231.02	4791405.05	10.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-3.0	0.0	0.0	4.8	-0.0	-0.0	-17.4	-17.4
10	595234.48	4791404.05	10.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-3.0	0.0	0.0	4.8	-0.0	-0.0	-21.6	-21.6
11	595231.02	4791405.05	15.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-2.5	0.0	0.0	4.8	-0.0	-0.0	-17.9	-17.9
12	595234.48	4791404.05	15.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-2.5	0.0	0.0	4.8	-0.0	-0.0	-22.1	-22.1
13	595231.02	4791405.05	16.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-18.0	-18.0
14	595234.48	4791404.05	16.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-22.2	-22.2
15	595231.02	4791405.05	11.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	-17.5	-17.5
16	595234.48	4791404.05	11.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	-21.7	-21.7
17	595231.02	4791405.05	12.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-2.8	0.0	0.0	4.8	-0.0	-0.0	-17.6	-17.6
18	595234.48	4791404.05	12.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-2.8	0.0	0.0	4.8	-0.0	-0.0	-21.8	-21.8
19	595231.02	4791405.05	9.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-3.1	0.0	0.0	4.8	-0.0	-0.0	-17.4	-17.4
20	595234.48	4791404.05	9.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-3.1	0.0	0.0	4.8	-0.0	-0.0	-21.6	-21.6
21	595231.02	4791405.05	4.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-3.3	0.0	0.0	5.8	-0.0	-0.0	-18.1	-18.1
22	595234.48	4791404.05	4.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-3.3	0.0	0.0	5.7	-0.0	-0.0	-22.3	-22.3
23	595231.02	4791405.05	1.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-2.5	0.0	0.0	7.2	-0.0	-0.0	-20.3	-20.3
24	595234.48	4791404.05	1.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-2.4	0.0	0.0	7.1	-0.0	-0.0	-24.6	-24.6
25	595231.02	4791405.05	2.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-3.0	0.0	0.0	6.6	-0.0	-0.0	-19.3	-19.3
26	595234.48	4791404.05	2.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-3.0	0.0	0.0	6.6	-0.0	-0.0	-23.5	-23.5
27	595231.02	4791405.05	13.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-2.7	0.0	0.0	4.8	-0.0	-0.0	-17.7	-17.7
28	595234.48	4791404.05	13.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-2.7	0.0	0.0	4.8	-0.0	-0.0	-21.9	-21.9
29	595231.02	4791405.05	14.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-2.6	0.0	0.0	4.8	-0.0	-0.0	-17.8	-17.8
30	595234.48	4791404.05	14.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-2.6	0.0	0.0	4.8	-0.0	-0.0	-22.0	-22.0
31	595231.02	4791405.05	3.10	0	0	54.0	54.0	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	6.2	-0.0	-0.0	-18.6	-18.6
32	595234.48	4791404.05	3.10	0	0	49.8	49.8	0.0	0.0	68.4	1.2	-3.2	0.0	0.0	6.1	-0.0	-0.0	-22.8	-22.8
33	595237.91	4791403.09	12.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	4.8	-0.0	-0.0	-17.7	-17.7
34	595237.91	4791403.09	16.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	-0.0	-18.1	-18.1
35	595237.91	4791403.09	13.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	4.8	-0.0	-0.0	-17.8	-17.8
36	595237.91	4791403.09	11.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	4.8	-0.0	-0.0	-17.6	-17.6
37	595237.91	4791403.09	5.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.4	-0.0	-0.0	-17.8	-17.8
38	595237.91	4791403.09	2.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	6.6	-0.0	-0.0	-19.3	-19.3
39	595237.91	4791403.09	1.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	7.1	-0.0	-0.0	-20.4	-20.4
40	595237.91	4791403.09	8.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	4.8	-0.0	-0.0	-17.4	-17.4
41	595237.91	4791403.09	7.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.0	-0.0	-0.0	-17.4	-17.4
42	595237.91	4791403.09	6.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.1	-0.0	-0.0	-17.6	-17.6
43	595237.91	4791403.09	9.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.8	-0.0	-0.0	-17.4	-17.4
44	595237.91	4791403.09	4.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.7	-0.0	-0.0	-18.2	-18.2
45	595237.91	4791403.09	10.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	4.8	-0.0	-0.0	-17.5	-17.5
46	595237.91	4791403.09	14.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	4.8	-0.0	-0.0	-17.9	-17.9
47	595237.91	4791403.09	15.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	4.8	-0.0	-0.0	-18.0	-18.0
48	595237.91	4791403.09	3.10	0	0	53.9	53.9	0.0	0.0	68.5	1.2	-3.2	0.0	0.0	6.1	-0.0	-0.0	-18.7	-18.7
49	595231.02	4791405.05	0.30	0	0	51.8	51.8	0.0	0.0	68.4	1.2	-2.5	0.0	0.0	7.6	-0.0	-0.0	-22.9	-22.9
50	595234.48	4791404.05	0.30	0	0	47.6	47.6	0.0	0.0	68.4	1.2	-2.0	0.0	0.0	7.6	-0.0	-0.0	-27.6	-27.6
51	595237.91	4791403.09	0.30	0	0	51.7	51.7	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	7.5	-0.0	-0.0	-23.0	-23.0
52	595231.02	4791405.05	8.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.6	0.0	0.0	25.0	-0.0	18.6	-196.7	-196.7
53	595231.02	4791405.05	8.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.6	0.0	0.0	25.0	-0.0	18.7	-115.1	-115.1
54	595234.48	4791404.05	8.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.6	0.0	0.0	25.0	-0.0	18.3	-119.0	-119.0
55	595234.48	4791404.05	8.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.6	0.0	0.0	25.0	-0.0	18.5	-119.0	-119.0
56	595231.02	4791405.05	7.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.7	0.0	0.0	25.0	-0.0	18.6	-196.6	-196.6
57	595231.02	4791405.05	7.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.6	0.0	0.0	25.0	-0.0	18.7	-115.0	-115.0
58	595234.48	4791404.05	7.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.7	0.0	0.0	25.0	-0.0	18.3	-118.9	-118.9
59	595234.48	4791404.05	7.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.6	0.0	0.0	25.0	-0.0	18.5	-118.9	-118.9
60	595231.02	4791405.05	6.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.8	0.0	0.0	25.0	-0.0	18.6	-196.6	-196.6
61	595231.02	4791405.05	6.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.8	0.0	0.0	25.0	-0.0	18.7	-114.9	-114.9
62	595234.48	4791404.05	6.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.8	0.0	0.0	25.0	-0.0	18.3	-118.8	-118.8
63	595234.48	4791404.05	6.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.7	0.0	0.0	25.0	-0.0	18.5	-118.8	-118.8
64	595231.02	4791405.05	5.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.8	0.0	0.0	25.0	-0.0	18.6	-196.5	-196.5
65	595231.02	4791405.05	5.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.8	0.0	0.0	25.0	-0.0	18.7	-114.8	-114.8
66	595234.48	4791404.05	5.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.8	0.0	0.0	25.0	-0.0	18.3	-118.7	-118.7
67	595234.48	4791404.05	5.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.8	0.0	0.0	25.0	-0.0	18.5	-118.7	-118.7
68	595231.02	4791405.05	10.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.4	0.0	0.0	25.0	-0.0	18.6	-196.9	-196.9
69	595231.02	4791405.05	10.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.4	0.0	0.0	25.0	-0.0	18.7	-115.3	-115.3
70	595234.48	4791404.05	10.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.4	0.0	0.0	25.0	-0.0	18.3	-119.1	-119.1
71	595234.48	4791404.05	10.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.4	0.0	0.0	25.0	-0.0	18.5	-119.1	-119.1
72	595231.02	4791405.05	15.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-2.9	0.0	0.0	13.7	-0.0	18.6	-186.1	-186.1
73	595231.02																		

vert. Area Source, ISO 9613, Name: "Turbine Building South", ID: "TurbineBldgSouth"																			
Nr.	X	Y	Z	Ref.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
74	595234.48	4791404.05	15.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-2.9	0.0	0.0	15.1	-0.0	18.3	-109.7	-109.7
75	595234.48	4791404.05	15.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-2.9	0.0	0.0	13.9	-0.0	18.5	-108.6	-108.6
76	595231.02	4791405.05	16.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-2.8	0.0	0.0	5.0	-0.0	18.6	-177.5	-177.5
77	595231.02	4791405.05	16.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-2.8	0.0	0.0	4.8	-0.0	18.7	-95.7	-95.7
78	595234.48	4791404.05	16.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-2.8	0.0	0.0	5.4	-0.0	18.3	-100.1	-100.1
79	595234.48	4791404.05	16.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-2.8	0.0	0.0	5.1	-0.0	18.5	-99.8	-99.8
80	595231.02	4791405.05	11.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.3	0.0	0.0	25.0	-0.0	18.6	-197.0	-197.0
81	595231.02	4791405.05	11.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.3	0.0	0.0	25.0	-0.0	18.7	-115.4	-115.4
82	595234.48	4791404.05	11.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.3	0.0	0.0	25.0	-0.0	18.3	-119.2	-119.2
83	595234.48	4791404.05	11.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.3	0.0	0.0	25.0	-0.0	18.5	-119.2	-119.2
84	595231.02	4791405.05	12.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.2	0.0	0.0	25.0	-0.0	18.6	-197.1	-197.1
85	595231.02	4791405.05	12.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.2	0.0	0.0	24.0	-0.0	18.7	-114.5	-114.5
86	595234.48	4791404.05	12.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.2	0.0	0.0	25.0	-0.0	18.3	-119.3	-119.3
87	595234.48	4791404.05	12.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.2	0.0	0.0	25.0	-0.0	18.5	-119.3	-119.3
88	595231.02	4791405.05	9.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.5	0.0	0.0	25.0	-0.0	18.6	-196.8	-196.8
89	595231.02	4791405.05	9.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.5	0.0	0.0	25.0	-0.0	18.7	-115.2	-115.2
90	595234.48	4791404.05	9.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.5	0.0	0.0	25.0	-0.0	18.3	-119.0	-119.0
91	595234.48	4791404.05	9.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.5	0.0	0.0	25.0	-0.0	18.5	-119.0	-119.0
92	595231.02	4791405.05	4.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.9	0.0	0.0	25.0	-0.0	18.6	-196.4	-196.4
93	595231.02	4791405.05	4.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.9	0.0	0.0	25.0	-0.0	18.7	-114.8	-114.8
94	595234.48	4791404.05	4.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.9	0.0	0.0	25.0	-0.0	18.3	-118.6	-118.6
95	595234.48	4791404.05	4.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.9	0.0	0.0	25.0	-0.0	18.5	-118.6	-118.6
96	595231.02	4791405.05	1.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-4.3	0.0	0.0	25.0	-0.0	18.6	-196.1	-196.1
97	595231.02	4791405.05	1.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-4.2	0.0	0.0	25.0	-0.0	18.7	-114.5	-114.5
98	595234.48	4791404.05	1.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-4.3	0.0	0.0	25.0	-0.0	18.3	-118.3	-118.3
99	595234.48	4791404.05	1.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-4.2	0.0	0.0	25.0	-0.0	18.5	-118.3	-118.3
100	595231.02	4791405.05	2.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-4.1	0.0	0.0	25.0	-0.0	18.6	-196.2	-196.2
101	595231.02	4791405.05	2.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-4.1	0.0	0.0	25.0	-0.0	18.7	-114.6	-114.6
102	595234.48	4791404.05	2.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-4.1	0.0	0.0	25.0	-0.0	18.3	-118.4	-118.4
103	595234.48	4791404.05	2.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-4.1	0.0	0.0	25.0	-0.0	18.5	-118.4	-118.4
104	595231.02	4791405.05	13.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.1	0.0	0.0	24.9	-0.0	18.6	-197.1	-197.1
105	595231.02	4791405.05	13.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.1	0.0	0.0	21.1	-0.0	18.7	-111.6	-111.6
106	595234.48	4791404.05	13.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.1	0.0	0.0	24.9	-0.0	18.3	-119.3	-119.3
107	595234.48	4791404.05	13.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.1	0.0	0.0	24.1	-0.0	18.5	-118.5	-118.5
108	595231.02	4791405.05	14.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-3.0	0.0	0.0	20.7	-0.0	18.6	-193.0	-193.0
109	595231.02	4791405.05	14.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-3.0	0.0	0.0	16.8	-0.0	18.7	-107.5	-107.5
110	595234.48	4791404.05	14.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-3.0	0.0	0.0	21.3	-0.0	18.3	-115.8	-115.8
111	595234.48	4791404.05	14.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-3.0	0.0	0.0	20.3	-0.0	18.5	-114.8	-114.8
112	595231.02	4791405.05	3.10	1	0	3.9	3.9	0.0	0.0	68.9	91.7	-4.0	0.0	0.0	25.0	-0.0	18.6	-196.3	-196.3
113	595231.02	4791405.05	3.10	1	0	19.5	19.5	0.0	0.0	68.8	25.7	-4.0	0.0	0.0	25.0	-0.0	18.7	-114.7	-114.7
114	595234.48	4791404.05	3.10	1	0	15.4	15.4	0.0	0.0	68.9	25.7	-4.0	0.0	0.0	25.0	-0.0	18.3	-118.5	-118.5
115	595234.48	4791404.05	3.10	1	0	15.4	15.4	0.0	0.0	68.8	25.6	-4.0	0.0	0.0	25.0	-0.0	18.5	-118.5	-118.5
116	595237.91	4791403.09	12.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-3.2	0.0	0.0	25.0	-0.0	18.0	-114.7	-114.7
117	595237.91	4791403.09	12.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.2	0.0	0.0	25.0	-0.0	18.3	-114.9	-114.9
118	595238.88	4791402.82	12.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-2.8	0.0	0.0	4.8	-0.0	1.0	-20.9	-20.9
119	595237.91	4791403.09	16.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-2.8	0.0	0.0	9.0	-0.0	18.0	-99.2	-99.2
120	595237.91	4791403.09	16.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-2.8	0.0	0.0	7.9	-0.0	18.3	-98.2	-98.2
121	595238.88	4791402.82	16.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-2.4	0.0	0.0	4.8	-0.0	1.0	-21.3	-21.3
122	595237.91	4791403.09	13.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-3.1	0.0	0.0	25.0	-0.0	18.0	-114.8	-114.8
123	595237.91	4791403.09	13.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.1	0.0	0.0	25.0	-0.0	18.3	-115.0	-115.0
124	595238.88	4791402.82	13.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-2.7	0.0	0.0	4.8	-0.0	1.0	-21.0	-21.0
125	595237.91	4791403.09	11.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-3.3	0.0	0.0	25.0	-0.0	18.0	-114.6	-114.6
126	595237.91	4791403.09	11.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.3	0.0	0.0	25.0	-0.0	18.3	-114.8	-114.8
127	595238.88	4791402.82	11.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-2.9	0.0	0.0	4.8	-0.0	1.0	-20.8	-20.8
128	595237.91	4791403.09	5.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-3.8	0.0	0.0	25.0	-0.0	18.0	-114.1	-114.1
129	595237.91	4791403.09	5.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.8	0.0	0.0	25.0	-0.0	18.3	-114.3	-114.3
130	595238.88	4791402.82	5.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-3.4	0.0	0.0	5.4	-0.0	1.0	-20.9	-20.9
131	595237.91	4791403.09	2.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-4.1	0.0	0.0	25.0	-0.0	18.0	-113.8	-113.8
132	595237.91	4791403.09	2.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-4.1	0.0	0.0	25.0	-0.0	18.3	-114.0	-114.0
133	595238.88	4791402.82	2.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	6.6	-0.0	1.0	-22.5	-22.5
134	595237.91	4791403.09	1.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-4.3	0.0	0.0	25.0	-0.0	18.0	-113.6	-113.6
135	595237.91	4791403.09	1.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-4.2	0.0	0.0	25.0	-0.0	18.3	-113.8	-113.8
136	595238.88	4791402.82	1.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	7.1	-0.0	1.0	-23.5	-23.5
137	595237.91	4791403.09	8.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-3.6	0.0	0.0	25.0	-0.0	18.0	-114.3	-114.3
138	595237.91	4791403.09	8.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.							

vert. Area Source, ISO 9613, Name: "Turbine Building South", ID: "TurbineBldgSouth"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
141	595237.91	4791403.09	7.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.6	0.0	0.0	25.0	-0.0	18.3	-114.5	-114.5
142	595238.88	4791402.82	7.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.0	-0.0	1.0	-20.6	-20.6
143	595237.91	4791403.09	6.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-3.8	0.0	0.0	25.0	-0.0	18.0	-114.1	-114.1
144	595237.91	4791403.09	6.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.8	0.0	0.0	25.0	-0.0	18.3	-114.3	-114.3
145	595238.88	4791402.82	6.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.1	-0.0	1.0	-20.7	-20.7
146	595237.91	4791403.09	9.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-3.5	0.0	0.0	25.0	-0.0	18.0	-114.4	-114.4
147	595237.91	4791403.09	9.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.5	0.0	0.0	25.0	-0.0	18.3	-114.6	-114.6
148	595238.88	4791402.82	9.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-3.1	0.0	0.0	4.8	-0.0	1.0	-20.6	-20.6
149	595237.91	4791403.09	4.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-3.9	0.0	0.0	25.0	-0.0	18.0	-114.0	-114.0
150	595237.91	4791403.09	4.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.9	0.0	0.0	25.0	-0.0	18.3	-114.2	-114.2
151	595238.88	4791402.82	4.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	5.7	-0.0	1.0	-21.3	-21.3
152	595237.91	4791403.09	10.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-3.4	0.0	0.0	25.0	-0.0	18.0	-114.5	-114.5
153	595237.91	4791403.09	10.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.4	0.0	0.0	25.0	-0.0	18.3	-114.7	-114.7
154	595238.88	4791402.82	10.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-3.0	0.0	0.0	4.8	-0.0	1.0	-20.7	-20.7
155	595237.91	4791403.09	14.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-3.0	0.0	0.0	25.0	-0.0	18.0	-114.9	-114.9
156	595237.91	4791403.09	14.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-3.0	0.0	0.0	25.0	-0.0	18.3	-115.1	-115.1
157	595238.88	4791402.82	14.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	4.8	-0.0	1.0	-21.1	-21.1
158	595237.91	4791403.09	15.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-2.9	0.0	0.0	20.9	-0.0	18.0	-111.0	-111.0
159	595237.91	4791403.09	15.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-2.9	0.0	0.0	19.9	-0.0	18.3	-110.1	-110.1
160	595238.88	4791402.82	15.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-2.5	0.0	0.0	4.8	-0.0	1.0	-21.2	-21.2
161	595237.91	4791403.09	3.10	1	0	19.5	19.5	0.0	0.0	68.8	25.6	-4.0	0.0	0.0	25.0	-0.0	18.0	-113.9	-113.9
162	595237.91	4791403.09	3.10	1	0	19.5	19.5	0.0	0.0	68.8	25.5	-4.0	0.0	0.0	25.0	-0.0	18.3	-114.1	-114.1
163	595238.88	4791402.82	3.10	1	0	51.8	51.8	0.0	0.0	68.5	1.2	-3.3	0.0	0.0	6.1	-0.0	1.0	-21.8	-21.8
164	595231.02	4791405.05	0.30	1	0	1.7	1.7	0.0	0.0	68.9	91.7	-4.3	0.0	0.0	25.0	-0.0	18.6	-198.2	-198.2
165	595231.02	4791405.05	0.30	1	0	17.3	17.3	0.0	0.0	68.8	25.7	-4.3	0.0	0.0	25.0	-0.0	18.7	-116.6	-116.6
166	595234.48	4791404.05	0.30	1	0	13.1	13.1	0.0	0.0	68.9	25.7	-4.2	0.0	0.0	25.0	-0.0	18.3	-120.5	-120.5
167	595234.48	4791404.05	0.30	1	0	13.1	13.1	0.0	0.0	68.8	25.6	-4.2	0.0	0.0	25.0	-0.0	18.5	-120.5	-120.5
168	595237.91	4791403.09	0.30	1	0	17.3	17.3	0.0	0.0	68.8	25.6	-4.4	0.0	0.0	25.0	-0.0	18.0	-115.7	-115.7
169	595237.91	4791403.09	0.30	1	0	17.3	17.3	0.0	0.0	68.8	25.5	-4.4	0.0	0.0	25.0	-0.0	18.3	-115.9	-115.9
170	595238.88	4791402.82	0.30	1	0	49.5	49.5	0.0	0.0	68.5	1.2	-2.6	0.0	0.0	7.5	-0.0	1.0	-26.1	-26.1

vert. Area Source, ISO 9613, Name: "Plasmarok Building North", ID: "PlasmarokBldgNorth"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595179.22	4791432.64	6.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	22.4	-0.0	-0.0	-14.0	-14.0
2	595166.77	4791436.23	6.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.1	0.0	0.0	22.3	-0.0	-0.0	-16.0	-16.0
3	595179.22	4791432.64	7.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-3.0	0.0	0.0	22.2	-0.0	-0.0	-13.9	-13.9
4	595166.77	4791436.23	7.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.0	0.0	0.0	22.2	-0.0	-0.0	-16.0	-16.0
5	595179.22	4791432.64	1.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	23.0	-0.0	-0.0	-14.6	-14.6
6	595166.77	4791436.23	1.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.5	0.0	0.0	23.0	-0.0	-0.0	-16.3	-16.3
7	595179.22	4791432.64	11.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-2.7	0.0	0.0	21.1	-0.0	-0.0	-13.1	-13.1
8	595166.77	4791436.23	11.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.7	0.0	0.0	21.1	-0.0	-0.0	-15.3	-15.3
9	595179.22	4791432.64	12.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-2.6	0.0	0.0	20.8	-0.0	-0.0	-12.9	-12.9
10	595166.77	4791436.23	12.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.6	0.0	0.0	20.7	-0.0	-0.0	-15.0	-15.0
11	595179.22	4791432.64	18.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-1.9	0.0	0.0	15.4	-0.0	-0.0	-8.2	-8.2
12	595166.77	4791436.23	18.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-1.9	0.0	0.0	15.3	-0.0	-0.0	-10.2	-10.2
13	595179.22	4791432.64	20.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	13.9	-0.0	-0.0	-6.8	-6.8
14	595166.77	4791436.23	20.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	13.8	-0.0	-0.0	-8.9	-8.9
15	595179.22	4791432.64	19.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	14.8	-0.0	-0.0	-7.7	-7.7
16	595166.77	4791436.23	19.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	14.7	-0.0	-0.0	-9.7	-9.7
17	595179.22	4791432.64	15.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-2.3	0.0	0.0	19.1	-0.0	-0.0	-11.6	-11.6
18	595166.77	4791436.23	15.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.2	0.0	0.0	19.0	-0.0	-0.0	-13.6	-13.6
19	595179.22	4791432.64	13.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-2.5	0.0	0.0	20.4	-0.0	-0.0	-12.6	-12.6
20	595166.77	4791436.23	13.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.5	0.0	0.0	20.4	-0.0	-0.0	-14.8	-14.8
21	595179.22	4791432.64	14.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-2.4	0.0	0.0	19.9	-0.0	-0.0	-12.3	-12.3
22	595166.77	4791436.23	14.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.4	0.0	0.0	19.9	-0.0	-0.0	-14.4	-14.4
23	595179.22	4791432.64	9.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-2.9	0.0	0.0	21.7	-0.0	-0.0	-13.5	-13.5
24	595166.77	4791436.23	9.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.9	0.0	0.0	21.7	-0.0	-0.0	-15.7	-15.7
25	595179.22	4791432.64	10.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-2.8	0.0	0.0	21.4	-0.0	-0.0	-13.3	-13.3
26	595166.77	4791436.23	10.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.8	0.0	0.0	21.4	-0.0	-0.0	-15.5	-15.5
27	595179.22	4791432.64	22.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-1.7	0.0	0.0	9.8	-0.0	-0.0	-2.8	-2.8
28	595166.77	4791436.23	22.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-1.7	0.0	0.0	9.8	-0.0	-0.0	-5.0	-5.0
29	595179.22	4791432.64	8.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-3.0	0.0	0.0	22.0	-0.0	-0.0	-13.7	-13.7
30	595166.77	4791436.23	8.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.0	0.0	0.0	21.9	-0.0	-0.0	-15.8	-15.8
31	595179.22	4791432.64	17.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-2.0	0.0	0.0	15.9	-0.0	-0.0	-8.6	-8.6
32	595166.77	4791436.23	17.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.0	0.0	0.0	15.8	-0.0	-0.0	-10.6	-10.6
33	595179.22	4791432.64	21.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	12.8	-0.0	-0.0	-5.8	-5.8
34	595166.77	4791436.23	21.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	12.5	-0.0	-0.0	-7.6	-7.6

vert. Area Source, ISO 9613, Name: "Plasmarok Building North", ID: "PlasmarokBldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
35	595179.22	4791432.64	16.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-2.1	0.0	0.0	18.5	-0.0	-0.0	-11.1	-11.1
36	595166.77	4791436.23	16.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.1	0.0	0.0	18.2	-0.0	-0.0	-13.0	-13.0
37	595179.22	4791432.64	5.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	22.4	-0.0	-0.0	-14.1	-14.1
38	595166.77	4791436.23	5.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.1	0.0	0.0	22.4	-0.0	-0.0	-16.1	-16.1
39	595179.22	4791432.64	2.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	22.8	-0.0	-0.0	-14.5	-14.5
40	595166.77	4791436.23	2.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.3	0.0	0.0	22.8	-0.0	-0.0	-16.4	-16.4
41	595179.22	4791432.64	0.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-3.5	0.0	0.0	22.9	-0.0	-0.0	-14.1	-14.1
42	595166.77	4791436.23	0.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.5	0.0	0.0	22.9	-0.0	-0.0	-16.3	-16.3
43	595179.22	4791432.64	4.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	22.6	-0.0	-0.0	-14.3	-14.3
44	595166.77	4791436.23	4.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.1	0.0	0.0	22.6	-0.0	-0.0	-16.3	-16.3
45	595179.22	4791432.64	3.50	0	0	74.4	74.4	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	22.7	-0.0	-0.0	-14.4	-14.4
46	595166.77	4791436.23	3.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.2	0.0	0.0	22.7	-0.0	-0.0	-16.4	-16.4
47	595157.42	4791438.92	22.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	8.8	-0.0	-0.0	-3.9	-3.9
48	595152.76	4791440.26	22.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	-22.6	-22.6
49	595157.42	4791438.92	9.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.9	0.0	0.0	21.7	-0.0	-0.0	-15.6	-15.6
50	595152.76	4791440.26	9.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-2.8	0.0	0.0	13.2	-0.0	-0.0	-34.9	-34.9
51	595157.42	4791438.92	16.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.2	0.0	0.0	18.2	-0.0	-0.0	-12.8	-12.8
52	595152.76	4791440.26	16.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-2.1	0.0	0.0	4.8	-0.0	-0.0	-27.1	-27.1
53	595157.42	4791438.92	8.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.0	0.0	0.0	21.9	-0.0	-0.0	-15.8	-15.8
54	595152.76	4791440.26	8.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-2.9	0.0	0.0	14.9	-0.0	-0.0	-36.5	-36.5
55	595157.42	4791438.92	10.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.8	0.0	0.0	21.4	-0.0	-0.0	-15.4	-15.4
56	595152.76	4791440.26	10.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-2.7	0.0	0.0	11.2	-0.0	-0.0	-32.9	-32.9
57	595157.42	4791438.92	11.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.7	0.0	0.0	21.1	-0.0	-0.0	-15.2	-15.2
58	595152.76	4791440.26	11.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-2.6	0.0	0.0	8.7	-0.0	-0.0	-30.6	-30.6
59	595157.42	4791438.92	15.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.3	0.0	0.0	18.8	-0.0	-0.0	-13.4	-13.4
60	595152.76	4791440.26	15.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-2.2	0.0	0.0	4.8	-0.0	-0.0	-27.0	-27.0
61	595157.42	4791438.92	4.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.2	0.0	0.0	22.6	-0.0	-0.0	-16.2	-16.2
62	595152.76	4791440.26	4.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-3.0	0.0	0.0	19.4	-0.0	-0.0	-40.8	-40.8
63	595157.42	4791438.92	5.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.2	0.0	0.0	22.4	-0.0	-0.0	-16.1	-16.1
64	595152.76	4791440.26	5.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-3.1	0.0	0.0	18.6	-0.0	-0.0	-39.9	-39.9
65	595157.42	4791438.92	17.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.0	0.0	0.0	13.7	-0.0	-0.0	-8.5	-8.5
66	595152.76	4791440.26	17.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-2.0	0.0	0.0	0.0	-0.0	-0.0	-22.4	-22.4
67	595157.42	4791438.92	14.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.4	0.0	0.0	19.9	-0.0	-0.0	-14.4	-14.4
68	595152.76	4791440.26	14.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	-26.9	-26.9
69	595157.42	4791438.92	6.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.2	0.0	0.0	22.3	-0.0	-0.0	-16.0	-16.0
70	595152.76	4791440.26	6.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-3.0	0.0	0.0	17.6	-0.0	-0.0	-39.0	-39.0
71	595157.42	4791438.92	1.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.7	0.0	0.0	23.0	-0.0	-0.0	-16.1	-16.1
72	595152.76	4791440.26	1.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-3.4	0.0	0.0	21.4	-0.0	-0.0	-42.4	-42.4
73	595157.42	4791438.92	0.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-4.1	0.0	0.0	23.0	-0.0	-0.0	-15.7	-15.7
74	595152.76	4791440.26	0.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-3.0	0.0	0.0	21.9	-0.0	-0.0	-43.3	-43.3
75	595157.42	4791438.92	3.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.3	0.0	0.0	22.7	-0.0	-0.0	-16.3	-16.3
76	595152.76	4791440.26	3.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-3.1	0.0	0.0	20.2	-0.0	-0.0	-41.5	-41.5
77	595157.42	4791438.92	21.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	11.4	-0.0	-0.0	-6.5	-6.5
78	595152.76	4791440.26	21.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	-22.6	-22.6
79	595157.42	4791438.92	12.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.6	0.0	0.0	20.7	-0.0	-0.0	-15.0	-15.0
80	595152.76	4791440.26	12.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-2.5	0.0	0.0	6.2	-0.0	-0.0	-28.2	-28.2
81	595157.42	4791438.92	13.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-2.5	0.0	0.0	20.4	-0.0	-0.0	-14.7	-14.7
82	595152.76	4791440.26	13.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-2.4	0.0	0.0	4.9	-0.0	-0.0	-26.9	-26.9
83	595157.42	4791438.92	18.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-1.9	0.0	0.0	13.4	-0.0	-0.0	-8.3	-8.3
84	595152.76	4791440.26	18.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-1.9	0.0	0.0	0.0	-0.0	-0.0	-22.5	-22.5
85	595157.42	4791438.92	19.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	13.0	-0.0	-0.0	-8.0	-8.0
86	595152.76	4791440.26	19.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	-22.6	-22.6
87	595157.42	4791438.92	20.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	12.5	-0.0	-0.0	-7.5	-7.5
88	595152.76	4791440.26	20.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	-22.6	-22.6
89	595157.42	4791438.92	2.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.4	0.0	0.0	22.8	-0.0	-0.0	-16.3	-16.3
90	595152.76	4791440.26	2.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-3.2	0.0	0.0	20.9	-0.0	-0.0	-42.1	-42.1
91	595157.42	4791438.92	7.50	0	0	72.2	72.2	0.0	0.0	68.2	0.9	-3.1	0.0	0.0	22.2	-0.0	-0.0	-16.0	-16.0
92	595152.76	4791440.26	7.50	0	0	44.6	44.6	0.0	0.0	68.2	0.8	-3.0	0.0	0.0	16.4	-0.0	-0.0	-37.8	-37.8
93	595179.22	4791432.64	6.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.8	0.0	0.0	25.0	-0.0	21.5	-185.1	-185.1
94	595166.77	4791436.23	6.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.8	0.0	0.0	25.0	-0.0	21.9	-189.2	-189.2
95	595168.47	4791435.73	6.50	1	0	73.6	73.6	0.0	0.0	68.6	0.9	-3.0	0.0	0.0	15.6	-0.0	1.0	-9.4	-9.4
96	595179.22	4791432.64	7.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.7	0.0	0.0	25.0	-0.0	21.5	-185.2	-185.2
97	595166.77	4791436.23	7.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.7	0.0	0.0	25.0	-0.0	21.9	-189.2	-189.2
98	595168.47	4791435.73	7.50	1	0	73.6	73.6	0.0	0.0	68.6	0.9	-3.0	0.0	0.0	15.0	-0.0	1.0	-8.9	-8.9
99	595179.22	4791432.64	1.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-4.3	0.0	0.0	25.0	-0.0	21.5	-184.5	-184.5
100	595166.77	4791436.23	1.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-4.4	0.0	0.0	25.0	-0.0	21.9	-188.6	-188.6
101	595168.47	4791435.73	1.50																

vert. Area Source, ISO 9613, Name: "Plasmarok Building North", ID: "PlasmarokBldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
102	595179.22	4791432.64	11.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.4	0.0	0.0	25.0	-0.0	21.5	-185.5	-185.5
103	595166.77	4791436.23	11.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.4	0.0	0.0	25.0	-0.0	21.9	-189.6	-189.6
104	595179.22	4791432.64	12.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.3	0.0	0.0	25.0	-0.0	21.5	-185.6	-185.6
105	595166.77	4791436.23	12.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.3	0.0	0.0	25.0	-0.0	21.9	-189.7	-189.7
106	595179.22	4791432.64	18.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-2.7	0.0	0.0	25.0	-0.0	21.5	-186.2	-186.2
107	595166.77	4791436.23	18.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-2.8	0.0	0.0	25.0	-0.0	21.9	-190.2	-190.2
108	595179.22	4791432.64	20.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-2.5	0.0	0.0	25.0	-0.0	21.5	-186.4	-186.4
109	595166.77	4791436.23	20.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-2.6	0.0	0.0	25.0	-0.0	21.9	-190.4	-190.4
110	595179.22	4791432.64	19.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-2.6	0.0	0.0	25.0	-0.0	21.5	-186.3	-186.3
111	595166.77	4791436.23	19.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-2.7	0.0	0.0	25.0	-0.0	21.9	-190.3	-190.3
112	595179.22	4791432.64	15.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.0	0.0	0.0	25.0	-0.0	21.5	-185.9	-185.9
113	595166.77	4791436.23	15.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.0	0.0	0.0	25.0	-0.0	21.9	-189.9	-189.9
114	595179.22	4791432.64	13.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.2	0.0	0.0	25.0	-0.0	21.5	-185.7	-185.7
115	595166.77	4791436.23	13.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.2	0.0	0.0	25.0	-0.0	21.9	-189.7	-189.7
116	595179.22	4791432.64	14.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.1	0.0	0.0	25.0	-0.0	21.5	-185.8	-185.8
117	595166.77	4791436.23	14.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.1	0.0	0.0	25.0	-0.0	21.9	-189.8	-189.8
118	595179.22	4791432.64	9.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.5	0.0	0.0	25.0	-0.0	21.5	-185.4	-185.4
119	595166.77	4791436.23	9.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.5	0.0	0.0	25.0	-0.0	21.9	-189.4	-189.4
120	595179.22	4791432.64	10.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.4	0.0	0.0	25.0	-0.0	21.5	-185.4	-185.4
121	595166.77	4791436.23	10.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.5	0.0	0.0	25.0	-0.0	21.9	-189.5	-189.5
122	595179.22	4791432.64	22.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-2.4	0.0	0.0	25.0	-0.0	21.5	-186.5	-186.5
123	595166.77	4791436.23	22.50	1	0	22.7	22.7	0.0	0.0	69.6	99.3	-2.4	0.0	0.0	25.0	-0.0	21.9	-190.6	-190.6
124	595179.22	4791432.64	8.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.6	0.0	0.0	25.0	-0.0	21.5	-185.3	-185.3
125	595166.77	4791436.23	8.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.6	0.0	0.0	25.0	-0.0	21.9	-189.3	-189.3
126	595168.47	4791435.73	8.50	1	0	73.6	73.6	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	14.4	-0.0	1.0	-8.3	-8.3
127	595179.22	4791432.64	17.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-2.8	0.0	0.0	25.0	-0.0	21.5	-186.1	-186.1
128	595166.77	4791436.23	17.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-2.8	0.0	0.0	25.0	-0.0	21.9	-190.1	-190.1
129	595179.22	4791432.64	21.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-2.4	0.0	0.0	25.0	-0.0	21.5	-186.4	-186.4
130	595166.77	4791436.23	21.50	1	0	22.7	22.7	0.0	0.0	69.6	99.3	-2.5	0.0	0.0	25.0	-0.0	21.9	-190.5	-190.5
131	595179.22	4791432.64	16.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-2.9	0.0	0.0	25.0	-0.0	21.5	-186.0	-186.0
132	595166.77	4791436.23	16.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-2.9	0.0	0.0	25.0	-0.0	21.9	-190.0	-190.0
133	595179.22	4791432.64	5.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.9	0.0	0.0	25.0	-0.0	21.5	-185.0	-185.0
134	595166.77	4791436.23	5.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-3.9	0.0	0.0	25.0	-0.0	21.9	-189.1	-189.1
135	595168.47	4791435.73	5.50	1	0	73.6	73.6	0.0	0.0	68.6	0.9	-3.0	0.0	0.0	16.1	-0.0	1.0	-9.9	-9.9
136	595179.22	4791432.64	2.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-4.2	0.0	0.0	25.0	-0.0	21.5	-184.7	-184.7
137	595166.77	4791436.23	2.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-4.2	0.0	0.0	25.0	-0.0	21.9	-188.7	-188.7
138	595168.47	4791435.73	2.50	1	0	73.6	73.6	0.0	0.0	68.6	0.9	-3.3	0.0	0.0	17.4	-0.0	1.0	-11.0	-11.0
139	595179.22	4791432.64	0.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-4.5	0.0	0.0	25.0	-0.0	21.5	-184.4	-184.4
140	595166.77	4791436.23	0.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-4.6	0.0	0.0	25.0	-0.0	21.9	-188.3	-188.3
141	595168.47	4791435.73	0.50	1	0	73.6	73.6	0.0	0.0	68.6	0.9	-2.7	0.0	0.0	18.3	-0.0	1.0	-12.4	-12.4
142	595179.22	4791432.64	4.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-3.9	0.0	0.0	25.0	-0.0	21.5	-184.9	-184.9
143	595166.77	4791436.23	4.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-4.0	0.0	0.0	25.0	-0.0	21.9	-189.0	-189.0
144	595168.47	4791435.73	4.50	1	0	73.6	73.6	0.0	0.0	68.6	0.9	-3.1	0.0	0.0	16.6	-0.0	1.0	-10.4	-10.4
145	595179.22	4791432.64	3.50	1	0	24.9	24.9	0.0	0.0	69.5	97.8	-4.0	0.0	0.0	25.0	-0.0	21.5	-184.8	-184.8
146	595166.77	4791436.23	3.50	1	0	22.7	22.7	0.0	0.0	69.6	99.2	-4.1	0.0	0.0	25.0	-0.0	21.9	-188.9	-188.9
147	595168.47	4791435.73	3.50	1	0	73.6	73.6	0.0	0.0	68.6	0.9	-3.2	0.0	0.0	17.0	-0.0	1.0	-10.7	-10.7
148	595157.41	4791438.92	9.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	6.1	-0.0	1.0	-1.5	-1.5
149	595157.41	4791438.92	8.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	7.0	-0.0	1.0	-2.4	-2.4
150	595157.41	4791438.92	10.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	5.3	-0.0	1.0	-0.8	-0.8
151	595157.41	4791438.92	11.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.6	0.0	0.0	4.9	-0.0	1.0	-0.5	-0.5
152	595157.41	4791438.92	15.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.3	0.0	0.0	4.8	-0.0	1.0	-0.7	-0.7
153	595157.41	4791438.92	4.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	11.4	-0.0	1.0	-6.7	-6.7
154	595157.41	4791438.92	5.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	10.4	-0.0	1.0	-5.6	-5.6
155	595157.41	4791438.92	14.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.4	0.0	0.0	4.8	-0.0	1.0	-0.6	-0.6
156	595157.41	4791438.92	6.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	9.3	-0.0	1.0	-4.5	-4.5
157	595157.41	4791438.92	1.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	14.2	-0.0	1.0	-9.7	-9.7
158	595157.41	4791438.92	0.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.6	0.0	0.0	14.9	-0.0	1.0	-10.5	-10.5
159	595157.41	4791438.92	3.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-3.0	0.0	0.0	12.4	-0.0	1.0	-7.6	-7.6
160	595157.41	4791438.92	12.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.5	0.0	0.0	4.8	-0.0	1.0	-0.4	-0.4
161	595157.41	4791438.92	13.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.5	0.0	0.0	4.8	-0.0	1.0	-0.5	-0.5
162	595157.41	4791438.92	2.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-3.1	0.0	0.0	13.3	-0.0	1.0	-8.4	-8.4
163	595157.41	4791438.92	7.50	1	0	72.2	72.2	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	8.1	-0.0	1.0	-3.4	-3.4

vert. Area Source, ISO 9613, Name: "Plasmarok Building West", ID: "PlasmarokBldgWest"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB(A)	dB(A)
1	595152.16	4791438.18	22.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	1.5	1.5
2	595152.16	4791438.18	21.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	1.5	1.5

vert. Area Source, ISO 9613, Name: "Plasmarok Building West", ID: "PlasmarokBldgWest"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
3	595152.16	4791438.18	20.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	1.5	1.5
4	595152.16	4791438.18	19.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	1.5	1.5
5	595152.16	4791438.18	18.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-1.9	0.0	0.0	0.0	-0.0	-0.0	1.6	1.6
6	595152.16	4791438.18	17.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-2.0	0.0	0.0	0.0	-0.0	-0.0	1.7	1.7
7	595152.16	4791438.18	16.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-2.1	0.0	0.0	4.8	-0.0	-0.0	-3.0	-3.0
8	595152.16	4791438.18	15.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-2.2	0.0	0.0	4.8	-0.0	-0.0	-2.9	-2.9
9	595152.16	4791438.18	14.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	-2.8	-2.8
10	595152.16	4791438.18	13.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-2.4	0.0	0.0	5.0	-0.0	-0.0	-2.8	-2.8
11	595152.16	4791438.18	12.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-2.5	0.0	0.0	7.0	-0.0	-0.0	-4.8	-4.8
12	595152.16	4791438.18	3.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-3.1	0.0	0.0	21.1	-0.0	-0.0	-18.2	-18.2
13	595152.16	4791438.18	11.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-2.6	0.0	0.0	10.0	-0.0	-0.0	-7.7	-7.7
14	595152.16	4791438.18	10.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-2.7	0.0	0.0	12.6	-0.0	-0.0	-10.1	-10.1
15	595152.16	4791438.18	6.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-3.1	0.0	0.0	18.7	-0.0	-0.0	-15.9	-15.9
16	595152.16	4791438.18	8.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-2.9	0.0	0.0	16.2	-0.0	-0.0	-13.6	-13.6
17	595152.16	4791438.18	7.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-3.0	0.0	0.0	17.6	-0.0	-0.0	-14.9	-14.9
18	595152.16	4791438.18	9.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-2.8	0.0	0.0	14.6	-0.0	-0.0	-12.1	-12.1
19	595152.16	4791438.18	5.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-3.1	0.0	0.0	19.6	-0.0	-0.0	-16.8	-16.8
20	595152.16	4791438.18	4.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-3.1	0.0	0.0	20.4	-0.0	-0.0	-17.6	-17.6
21	595152.16	4791438.18	0.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-3.3	0.0	0.0	22.6	-0.0	-0.0	-19.6	-19.6
22	595152.16	4791438.18	2.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-3.2	0.0	0.0	21.6	-0.0	-0.0	-18.7	-18.7
23	595152.16	4791438.18	1.50	0	0	68.7	68.7	0.0	0.0	68.2	0.8	-3.4	0.0	0.0	22.1	-0.0	-0.0	-19.0	-19.0
24	595151.00	4791434.05	13.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-2.4	0.0	0.0	5.9	-0.0	-0.0	-3.8	-3.8
25	595151.00	4791434.05	12.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-2.5	0.0	0.0	10.7	-0.0	-0.0	-8.5	-8.5
26	595151.00	4791434.05	2.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-3.3	0.0	0.0	23.2	-0.0	-0.0	-20.3	-20.3
27	595151.00	4791434.05	0.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-3.8	0.0	0.0	23.7	-0.0	-0.0	-20.2	-20.2
28	595151.00	4791434.05	3.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-3.2	0.0	0.0	22.8	-0.0	-0.0	-20.0	-20.0
29	595151.00	4791434.05	15.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-2.2	0.0	0.0	4.8	-0.0	-0.0	-2.9	-2.9
30	595151.00	4791434.05	11.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-2.6	0.0	0.0	14.2	-0.0	-0.0	-11.9	-11.9
31	595151.00	4791434.05	10.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-2.7	0.0	0.0	16.5	-0.0	-0.0	-14.1	-14.1
32	595151.00	4791434.05	8.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-2.9	0.0	0.0	19.4	-0.0	-0.0	-16.8	-16.8
33	595151.00	4791434.05	14.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	-2.8	-2.8
34	595151.00	4791434.05	9.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-2.8	0.0	0.0	18.2	-0.0	-0.0	-15.6	-15.6
35	595151.00	4791434.05	1.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-3.4	0.0	0.0	23.4	-0.0	-0.0	-20.3	-20.3
36	595151.00	4791434.05	19.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	1.5	1.5
37	595151.00	4791434.05	16.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-2.1	0.0	0.0	4.8	-0.0	-0.0	-3.0	-3.0
38	595151.00	4791434.05	22.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	1.5	1.5
39	595151.00	4791434.05	20.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	1.5	1.5
40	595151.00	4791434.05	21.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	1.5	1.5
41	595151.00	4791434.05	17.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-2.0	0.0	0.0	0.0	-0.0	-0.0	1.7	1.7
42	595151.00	4791434.05	7.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-3.0	0.0	0.0	20.4	-0.0	-0.0	-17.7	-17.7
43	595151.00	4791434.05	6.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-3.1	0.0	0.0	21.2	-0.0	-0.0	-18.4	-18.4
44	595151.00	4791434.05	4.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-3.1	0.0	0.0	22.3	-0.0	-0.0	-19.5	-19.5
45	595151.00	4791434.05	18.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-1.9	0.0	0.0	0.0	-0.0	-0.0	1.6	1.6
46	595151.00	4791434.05	5.50	0	0	68.6	68.6	0.0	0.0	68.1	0.8	-3.1	0.0	0.0	21.8	-0.0	-0.0	-19.0	-19.0
47	595152.16	4791438.18	15.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.2	0.0	0.0	4.8	-0.0	1.0	-4.3	-4.3
48	595152.16	4791438.18	14.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.3	0.0	0.0	4.8	-0.0	1.0	-4.1	-4.1
49	595152.16	4791438.18	13.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.4	0.0	0.0	4.8	-0.0	1.0	-4.1	-4.1
50	595152.16	4791438.18	12.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.5	0.0	0.0	4.8	-0.0	1.0	-4.0	-4.0
51	595152.16	4791438.18	3.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-3.0	0.0	0.0	12.0	-0.0	1.0	-10.7	-10.7
52	595152.16	4791438.18	11.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.6	0.0	0.0	4.9	-0.0	1.0	-4.0	-4.0
53	595152.16	4791438.18	10.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	5.2	-0.0	1.0	-4.2	-4.2
54	595152.16	4791438.18	6.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	8.9	-0.0	1.0	-7.7	-7.7
55	595152.16	4791438.18	8.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	6.8	-0.0	1.0	-5.6	-5.6
56	595152.16	4791438.18	7.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	7.8	-0.0	1.0	-6.6	-6.6
57	595152.16	4791438.18	9.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	5.9	-0.0	1.0	-4.8	-4.8
58	595152.16	4791438.18	5.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	10.0	-0.0	1.0	-8.8	-8.8
59	595152.16	4791438.18	4.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	11.0	-0.0	1.0	-9.8	-9.8
60	595152.16	4791438.18	0.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.4	0.0	0.0	14.5	-0.0	1.0	-13.8	-13.8
61	595152.16	4791438.18	2.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-3.1	0.0	0.0	12.9	-0.0	1.0	-11.5	-11.5
62	595152.16	4791438.18	1.50	1	0	68.7	68.7	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	13.7	-0.0	1.0	-12.8	-12.8
63	595151.00	4791434.05	13.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.4	0.0	0.0	4.8	-0.0	1.0	-4.2	-4.2
64	595151.00	4791434.05	12.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.5	0.0	0.0	4.8	-0.0	1.0	-4.1	-4.1
65	595151.00	4791434.05	2.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-3.1	0.0	0.0	12.1	-0.0	1.0	-10.9	-10.9
66	595151.00	4791434.05	0.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	13.8	-0.0	1.0	-12.9	-12.9
67	595151.00	4791434.05	3.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-3.0	0.0	0.0	11.2	-0.0	1.0	-10.1	-10.1
68	595151.00	4791434.05	15.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.3	0.0	0.0	4.8	-0.0	1.0	-4.4	-4.4
69	595151.00	4791434.05	11.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.6	0.0	0.0	4.8	-0.0			

vert. Area Source, ISO 9613, Name: "Plasmarok Building West", ID: "PlasmarokBldgWest"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
70	595151.00	4791434.05	10.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.7	0.0	0.0	5.1	-0.0	1.0	-4.2	-4.2
71	595151.00	4791434.05	8.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	6.4	-0.0	1.0	-5.3	-5.3
72	595151.00	4791434.05	14.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.3	0.0	0.0	4.8	-0.0	1.0	-4.3	-4.3
73	595151.00	4791434.05	9.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	5.6	-0.0	1.0	-4.7	-4.7
74	595151.00	4791434.05	1.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.6	0.0	0.0	13.0	-0.0	1.0	-12.2	-12.2
75	595151.00	4791434.05	7.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	7.3	-0.0	1.0	-6.2	-6.2
76	595151.00	4791434.05	6.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	8.3	-0.0	1.0	-7.2	-7.2
77	595151.00	4791434.05	4.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	10.3	-0.0	1.0	-9.2	-9.2
78	595151.00	4791434.05	5.50	1	0	68.6	68.6	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	9.3	-0.0	1.0	-8.2	-8.2

vert. Area Source, ISO 9613, Name: "Plasmarok Building South", ID: "PlasmarokBldgSouth"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595158.22	4791429.68	8.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-2.9	0.0	0.0	19.5	-0.0	-0.0	-11.1	-11.1
2	595168.39	4791426.65	8.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.8	0.0	0.0	4.8	-0.0	-0.0	-1.7	-1.7
3	595158.22	4791429.68	6.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-3.1	0.0	0.0	21.2	-0.0	-0.0	-12.7	-12.7
4	595168.39	4791426.65	6.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.9	0.0	0.0	5.0	-0.0	-0.0	-1.8	-1.8
5	595158.22	4791429.68	7.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-3.0	0.0	0.0	20.5	-0.0	-0.0	-12.0	-12.0
6	595168.39	4791426.65	7.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.9	0.0	0.0	4.9	-0.0	-0.0	-1.7	-1.7
7	595158.22	4791429.68	5.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-3.1	0.0	0.0	21.9	-0.0	-0.0	-13.2	-13.2
8	595168.39	4791426.65	5.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.9	0.0	0.0	5.2	-0.0	-0.0	-1.9	-1.9
9	595158.22	4791429.68	9.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-2.8	0.0	0.0	18.3	-0.0	-0.0	-10.0	-10.0
10	595168.39	4791426.65	9.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.8	0.0	0.0	4.8	-0.0	-0.0	-1.7	-1.7
11	595158.22	4791429.68	10.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-2.7	0.0	0.0	16.7	-0.0	-0.0	-8.4	-8.4
12	595168.39	4791426.65	10.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.7	0.0	0.0	4.8	-0.0	-0.0	-1.8	-1.8
13	595158.22	4791429.68	19.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	7.3	7.3
14	595168.39	4791426.65	19.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	2.1	2.1
15	595158.22	4791429.68	11.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-2.6	0.0	0.0	14.4	-0.0	-0.0	-6.3	-6.3
16	595168.39	4791426.65	11.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.6	0.0	0.0	4.8	-0.0	-0.0	-1.9	-1.9
17	595158.22	4791429.68	3.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-3.2	0.0	0.0	22.9	-0.0	-0.0	-14.2	-14.2
18	595168.39	4791426.65	3.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.8	0.0	0.0	5.8	-0.0	-0.0	-2.7	-2.7
19	595158.22	4791429.68	22.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	7.3	7.3
20	595168.39	4791426.65	22.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	2.1	2.1
21	595158.22	4791429.68	20.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	7.3	7.3
22	595168.39	4791426.65	20.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	2.1	2.1
23	595158.22	4791429.68	18.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-1.9	0.0	0.0	0.0	-0.0	-0.0	7.4	7.4
24	595168.39	4791426.65	18.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-1.9	0.0	0.0	0.0	-0.0	-0.0	2.2	2.2
25	595158.22	4791429.68	12.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-2.5	0.0	0.0	10.9	-0.0	-0.0	-2.9	-2.9
26	595168.39	4791426.65	12.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.5	0.0	0.0	4.8	-0.0	-0.0	-2.0	-2.0
27	595158.22	4791429.68	13.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-2.4	0.0	0.0	6.0	-0.0	-0.0	1.9	1.9
28	595168.39	4791426.65	13.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.4	0.0	0.0	4.8	-0.0	-0.0	-2.1	-2.1
29	595158.22	4791429.68	14.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	3.0	3.0
30	595168.39	4791426.65	14.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	-2.2	-2.2
31	595158.22	4791429.68	15.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-2.2	0.0	0.0	4.8	-0.0	-0.0	2.9	2.9
32	595168.39	4791426.65	15.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.2	0.0	0.0	4.8	-0.0	-0.0	-2.3	-2.3
33	595158.22	4791429.68	16.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-2.1	0.0	0.0	4.8	-0.0	-0.0	2.8	2.8
34	595168.39	4791426.65	16.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.1	0.0	0.0	4.8	-0.0	-0.0	-2.4	-2.4
35	595158.22	4791429.68	17.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-2.0	0.0	0.0	0.0	-0.0	-0.0	7.5	7.5
36	595168.39	4791426.65	17.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.0	0.0	0.0	0.0	-0.0	-0.0	2.3	2.3
37	595158.22	4791429.68	0.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-4.0	0.0	0.0	23.7	-0.0	-0.0	-14.2	-14.2
38	595168.39	4791426.65	0.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.1	0.0	0.0	7.1	-0.0	-0.0	-4.6	-4.6
39	595158.22	4791429.68	1.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-3.5	0.0	0.0	23.5	-0.0	-0.0	-14.5	-14.5
40	595168.39	4791426.65	1.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.3	0.0	0.0	6.6	-0.0	-0.0	-3.9	-3.9
41	595158.22	4791429.68	2.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-3.3	0.0	0.0	23.2	-0.0	-0.0	-14.5	-14.5
42	595168.39	4791426.65	2.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.6	0.0	0.0	6.2	-0.0	-0.0	-3.2	-3.2
43	595158.22	4791429.68	21.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	7.3	7.3
44	595168.39	4791426.65	21.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	2.1	2.1
45	595158.22	4791429.68	4.50	0	0	74.4	74.4	0.0	0.0	68.1	0.8	-3.1	0.0	0.0	22.4	-0.0	-0.0	-13.8	-13.8
46	595168.39	4791426.65	4.50	0	0	69.3	69.3	0.0	0.0	68.2	0.8	-2.9	0.0	0.0	5.5	-0.0	-0.0	-2.3	-2.3
47	595177.69	4791423.90	21.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	0.0	-0.0	-0.0	6.7	6.7
48	595177.69	4791423.90	20.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	0.0	-0.0	-0.0	6.7	6.7
49	595177.69	4791423.90	5.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-3.0	0.0	0.0	5.2	-0.0	-0.0	2.7	2.7
50	595177.69	4791423.90	1.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.5	0.0	0.0	6.6	-0.0	-0.0	0.8	0.8
51	595177.69	4791423.90	19.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	0.0	-0.0	-0.0	6.7	6.7
52	595177.69	4791423.90	22.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-1.8	0.0	0.0	0.0	-0.0	-0.0	6.7	6.7
53	595177.69	4791423.90	16.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.1	0.0	0.0	4.8	-0.0	-0.0	2.2	2.2
54	595177.69	4791423.90	0.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.4	0.0	0.0	7.0	-0.0	-0.0	0.3	0.3
55	595177.69	4791423.90	17.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.0	0.0	0.0	0.0	-0.0	-0.0	6.9	6.9

vert. Area Source, ISO 9613, Name: "Plasmarok Building South", ID: "PlasmarokBldgSouth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
56	595177.69	4791423.90	6.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-3.0	0.0	0.0	5.0	-0.0	-0.0	2.9	2.9
57	595177.69	4791423.90	15.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.2	0.0	0.0	4.8	-0.0	-0.0	2.3	2.3
58	595177.69	4791423.90	12.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.5	0.0	0.0	4.8	-0.0	-0.0	2.6	2.6
59	595177.69	4791423.90	9.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.8	0.0	0.0	4.8	-0.0	-0.0	2.9	2.9
60	595177.69	4791423.90	8.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.9	0.0	0.0	4.8	-0.0	-0.0	2.9	2.9
61	595177.69	4791423.90	13.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.4	0.0	0.0	4.8	-0.0	-0.0	2.5	2.5
62	595177.69	4791423.90	14.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.3	0.0	0.0	4.8	-0.0	-0.0	2.4	2.4
63	595177.69	4791423.90	10.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.7	0.0	0.0	4.8	-0.0	-0.0	2.8	2.8
64	595177.69	4791423.90	3.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.8	0.0	0.0	5.8	-0.0	-0.0	1.9	1.9
65	595177.69	4791423.90	2.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.7	0.0	0.0	6.1	-0.0	-0.0	1.4	1.4
66	595177.69	4791423.90	7.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.9	0.0	0.0	4.9	-0.0	-0.0	2.9	2.9
67	595177.69	4791423.90	11.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.6	0.0	0.0	4.8	-0.0	-0.0	2.7	2.7
68	595177.69	4791423.90	18.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-1.9	0.0	0.0	0.0	-0.0	-0.0	6.8	6.8
69	595177.69	4791423.90	4.50	0	0	73.9	73.9	0.0	0.0	68.2	0.9	-2.9	0.0	0.0	5.5	-0.0	-0.0	2.4	2.4
70	595177.69	4791423.90	21.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-2.4	0.0	0.0	0.0	-0.0	21.3	-161.2	-161.2
71	595177.69	4791423.90	20.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-2.5	0.0	0.0	0.0	-0.0	21.3	-161.1	-161.1
72	595177.69	4791423.90	5.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.8	0.0	0.0	5.3	-0.0	21.3	-165.2	-165.2
73	595177.69	4791423.90	1.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-4.1	0.0	0.0	8.7	-0.0	21.3	-168.2	-168.2
74	595177.69	4791423.90	19.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-2.6	0.0	0.0	0.0	-0.0	21.3	-161.1	-161.1
75	595177.69	4791423.90	22.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-2.3	0.0	0.0	0.0	-0.0	21.3	-161.3	-161.3
76	595177.69	4791423.90	16.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-2.9	0.0	0.0	4.8	-0.0	21.3	-165.5	-165.5
77	595177.69	4791423.90	0.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-4.3	0.0	0.0	9.8	-0.0	21.3	-169.2	-169.2
78	595177.69	4791423.90	17.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-2.8	0.0	0.0	4.8	-0.0	21.3	-165.6	-165.6
79	595177.69	4791423.90	6.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.7	0.0	0.0	5.0	-0.0	21.3	-165.0	-165.0
80	595177.69	4791423.90	15.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.0	0.0	0.0	4.8	-0.0	21.3	-165.4	-165.4
81	595177.69	4791423.90	12.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.2	0.0	0.0	4.8	-0.0	21.3	-165.2	-165.2
82	595177.69	4791423.90	9.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.5	0.0	0.0	4.8	-0.0	21.3	-164.9	-164.9
83	595177.69	4791423.90	8.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.6	0.0	0.0	4.8	-0.0	21.3	-164.9	-164.9
84	595177.69	4791423.90	13.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.1	0.0	0.0	4.8	-0.0	21.3	-165.3	-165.3
85	595177.69	4791423.90	14.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.1	0.0	0.0	4.8	-0.0	21.3	-165.4	-165.4
86	595177.69	4791423.90	10.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.4	0.0	0.0	4.8	-0.0	21.3	-165.0	-165.0
87	595177.69	4791423.90	3.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-4.0	0.0	0.0	6.6	-0.0	21.3	-166.3	-166.3
88	595177.69	4791423.90	2.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-4.1	0.0	0.0	7.5	-0.0	21.3	-167.1	-167.1
89	595177.69	4791423.90	7.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.7	0.0	0.0	4.9	-0.0	21.3	-164.9	-164.9
90	595177.69	4791423.90	11.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.3	0.0	0.0	4.8	-0.0	21.3	-165.1	-165.1
91	595177.69	4791423.90	18.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-2.7	0.0	0.0	0.0	-0.0	21.3	-161.0	-161.0
92	595177.69	4791423.90	4.50	1	0	24.4	24.4	0.0	0.0	69.4	97.4	-3.9	0.0	0.0	5.9	-0.0	21.3	-165.6	-165.6

vert. Area Source, ISO 9613, Name: "Plasmarok Building East", ID: "PlasmarokBldgEast"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	dB)	dB)	dB)	dB)	dB)	dB)	dB)	dB)	dB)	dB)	dB(A)	dB(A)
1	595185.28	4791424.22	8.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.9	0.0	0.0	21.0	-0.0	-0.0	-17.9	-17.9
2	595185.28	4791424.22	9.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.9	0.0	0.0	20.7	-0.0	-0.0	-17.7	-17.7
3	595185.28	4791424.22	10.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.8	0.0	0.0	20.4	-0.0	-0.0	-17.5	-17.5
4	595185.28	4791424.22	13.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.5	0.0	0.0	19.4	-0.0	-0.0	-16.8	-16.8
5	595185.28	4791424.22	15.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.2	0.0	0.0	18.4	-0.0	-0.0	-16.0	-16.0
6	595185.28	4791424.22	14.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.3	0.0	0.0	18.9	-0.0	-0.0	-16.4	-16.4
7	595185.28	4791424.22	22.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	4.9	-0.0	-0.0	-3.0	-3.0
8	595185.28	4791424.22	21.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	6.0	-0.0	-0.0	-4.1	-4.1
9	595185.28	4791424.22	2.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.8	0.0	0.0	21.8	-0.0	-0.0	-18.8	-18.8
10	595185.28	4791424.22	16.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.1	0.0	0.0	17.0	-0.0	-0.0	-14.7	-14.7
11	595185.28	4791424.22	0.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.5	0.0	0.0	21.8	-0.0	-0.0	-19.2	-19.2
12	595185.28	4791424.22	17.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.0	0.0	0.0	6.7	-0.0	-0.0	-4.6	-4.6
13	595185.28	4791424.22	1.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.7	0.0	0.0	21.8	-0.0	-0.0	-19.0	-19.0
14	595185.28	4791424.22	3.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.9	0.0	0.0	21.7	-0.0	-0.0	-18.7	-18.7
15	595185.28	4791424.22	5.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-3.0	0.0	0.0	21.6	-0.0	-0.0	-18.4	-18.4
16	595185.28	4791424.22	4.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.9	0.0	0.0	21.6	-0.0	-0.0	-18.5	-18.5
17	595185.28	4791424.22	12.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.6	0.0	0.0	19.8	-0.0	-0.0	-17.1	-17.1
18	595185.28	4791424.22	11.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-2.7	0.0	0.0	20.1	-0.0	-0.0	-17.3	-17.3
19	595185.28	4791424.22	18.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-1.9	0.0	0.0	6.6	-0.0	-0.0	-4.6	-4.6
20	595185.28	4791424.22	20.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	6.4	-0.0	-0.0	-4.4	-4.4
21	595185.28	4791424.22	19.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	6.5	-0.0	-0.0	-4.6	-4.6
22	595185.28	4791424.22	7.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-3.0	0.0	0.0	21.3	-0.0	-0.0	-18.1	-18.1
23	595185.28	4791424.22	6.50	0	0	69.2	69.2	0.0	0.0	68.3	0.9	-3.0	0.0	0.0	21.5	-0.0	-0.0	-18.3	-18.3
24	595186.47	4791428.49	17.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-2.0	0.0	0.0	8.8	-0.0	-0.0	-7.7	-7.7
25	595186.47	4791428.49	13.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-2.5	0.0	0.0	20.1	-0.0	-0.0	-18.4	-18.4
26	595186.47	4791428.49	22.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	6.5	-0.0	-0.0	-5.5	-5.5
27	595186.47	4791428.49	21.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	7.9	-0.0	-0.0	-6.9	-6.9

vert. Area Source, ISO 9613, Name: "Plasmarok Building East", ID: "PlasmarokBldgEast"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
28	595186.47	4791428.49	16.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-2.2	0.0	0.0	17.9	-0.0	-0.0	-16.6	-16.6
29	595186.47	4791428.49	15.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-2.3	0.0	0.0	19.2	-0.0	-0.0	-17.7	-17.7
30	595186.47	4791428.49	12.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-2.6	0.0	0.0	20.4	-0.0	-0.0	-18.7	-18.7
31	595186.47	4791428.49	14.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-2.4	0.0	0.0	19.6	-0.0	-0.0	-18.1	-18.1
32	595186.47	4791428.49	9.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-2.9	0.0	0.0	21.4	-0.0	-0.0	-19.3	-19.3
33	595186.47	4791428.49	5.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	22.4	-0.0	-0.0	-20.1	-20.1
34	595186.47	4791428.49	1.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-3.0	0.0	0.0	22.7	-0.0	-0.0	-20.6	-20.6
35	595186.47	4791428.49	10.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-2.8	0.0	0.0	21.1	-0.0	-0.0	-19.1	-19.1
36	595186.47	4791428.49	7.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-3.0	0.0	0.0	21.9	-0.0	-0.0	-19.7	-19.7
37	595186.47	4791428.49	6.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	22.1	-0.0	-0.0	-19.9	-19.9
38	595186.47	4791428.49	8.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-3.0	0.0	0.0	21.7	-0.0	-0.0	-19.5	-19.5
39	595186.47	4791428.49	2.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	22.7	-0.0	-0.0	-20.4	-20.4
40	595186.47	4791428.49	19.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	8.6	-0.0	-0.0	-7.6	-7.6
41	595186.47	4791428.49	18.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-1.9	0.0	0.0	8.7	-0.0	-0.0	-7.6	-7.6
42	595186.47	4791428.49	20.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-1.8	0.0	0.0	8.4	-0.0	-0.0	-7.4	-7.4
43	595186.47	4791428.49	11.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-2.7	0.0	0.0	20.8	-0.0	-0.0	-18.9	-18.9
44	595186.47	4791428.49	0.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-3.3	0.0	0.0	22.9	-0.0	-0.0	-20.3	-20.3
45	595186.47	4791428.49	4.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	22.4	-0.0	-0.0	-20.2	-20.2
46	595186.47	4791428.49	3.50	0	0	68.3	68.3	0.0	0.0	68.3	0.9	-3.1	0.0	0.0	22.6	-0.0	-0.0	-20.3	-20.3
47	595185.28	4791424.22	8.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.6	0.0	0.0	18.2	-0.0	21.1	-182.0	-182.0
48	595185.28	4791424.22	9.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.5	0.0	0.0	13.2	-0.0	21.1	-177.1	-177.1
49	595185.28	4791424.22	10.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.4	0.0	0.0	4.8	-0.0	21.1	-168.7	-168.7
50	595185.28	4791424.22	13.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.1	0.0	0.0	4.8	-0.0	21.1	-169.0	-169.0
51	595185.28	4791424.22	15.50	1	0	19.7	19.7	0.0	0.0	69.3	96.7	-3.0	0.0	0.0	4.8	-0.0	21.1	-169.2	-169.2
52	595185.28	4791424.22	14.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.1	0.0	0.0	4.8	-0.0	21.1	-169.1	-169.1
53	595185.28	4791424.22	22.50	1	0	19.7	19.7	0.0	0.0	69.3	96.7	-2.3	0.0	0.0	0.0	-0.0	21.1	-165.1	-165.1
54	595185.28	4791424.22	21.50	1	0	19.7	19.7	0.0	0.0	69.3	96.7	-2.4	0.0	0.0	0.0	-0.0	21.1	-165.0	-165.0
55	595185.28	4791424.22	2.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-4.1	0.0	0.0	25.0	-0.0	21.1	-188.3	-188.3
56	595185.28	4791424.22	16.50	1	0	19.7	19.7	0.0	0.0	69.3	96.7	-2.9	0.0	0.0	4.8	-0.0	21.1	-169.3	-169.3
57	595185.28	4791424.22	0.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-4.3	0.0	0.0	25.0	-0.0	21.1	-188.1	-188.1
58	595185.28	4791424.22	17.50	1	0	19.7	19.7	0.0	0.0	69.3	96.7	-2.8	0.0	0.0	4.8	-0.0	21.1	-169.4	-169.4
59	595185.28	4791424.22	1.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-4.2	0.0	0.0	25.0	-0.0	21.1	-188.2	-188.2
60	595185.28	4791424.22	3.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-4.0	0.0	0.0	25.0	-0.0	21.1	-188.4	-188.4
61	595185.28	4791424.22	5.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.8	0.0	0.0	25.0	-0.0	21.1	-188.6	-188.6
62	595185.28	4791424.22	4.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.9	0.0	0.0	25.0	-0.0	21.1	-188.5	-188.5
63	595185.28	4791424.22	12.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.2	0.0	0.0	4.8	-0.0	21.1	-168.9	-168.9
64	595185.28	4791424.22	11.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.3	0.0	0.0	4.8	-0.0	21.1	-168.8	-168.8
65	595185.28	4791424.22	18.50	1	0	19.7	19.7	0.0	0.0	69.3	96.7	-2.7	0.0	0.0	0.0	-0.0	21.1	-164.7	-164.7
66	595185.28	4791424.22	20.50	1	0	19.7	19.7	0.0	0.0	69.3	96.7	-2.5	0.0	0.0	0.0	-0.0	21.1	-164.9	-164.9
67	595185.28	4791424.22	19.50	1	0	19.7	19.7	0.0	0.0	69.3	96.7	-2.6	0.0	0.0	0.0	-0.0	21.1	-164.8	-164.8
68	595185.28	4791424.22	7.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.7	0.0	0.0	22.8	-0.0	21.1	-186.5	-186.5
69	595185.28	4791424.22	6.50	1	0	19.7	19.7	0.0	0.0	69.3	96.6	-3.7	0.0	0.0	25.0	-0.0	21.1	-188.7	-188.7
70	595186.47	4791428.49	17.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-2.8	0.0	0.0	4.8	-0.0	21.2	-170.6	-170.6
71	595186.47	4791428.49	13.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.2	0.0	0.0	4.8	-0.0	21.2	-170.2	-170.2
72	595186.47	4791428.49	22.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-2.3	0.0	0.0	0.0	-0.0	21.2	-166.3	-166.3
73	595186.47	4791428.49	21.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-2.4	0.0	0.0	0.0	-0.0	21.2	-166.2	-166.2
74	595186.47	4791428.49	16.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-2.9	0.0	0.0	4.8	-0.0	21.2	-170.5	-170.5
75	595186.47	4791428.49	15.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.0	0.0	0.0	4.8	-0.0	21.2	-170.4	-170.4
76	595186.47	4791428.49	12.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.3	0.0	0.0	4.8	-0.0	21.2	-170.2	-170.2
77	595186.47	4791428.49	14.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.1	0.0	0.0	4.8	-0.0	21.2	-170.3	-170.3
78	595186.47	4791428.49	9.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.5	0.0	0.0	13.2	-0.0	21.2	-178.3	-178.3
79	595186.47	4791428.49	5.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.8	0.0	0.0	25.0	-0.0	21.2	-189.8	-189.8
80	595186.47	4791428.49	1.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-4.3	0.0	0.0	25.0	-0.0	21.2	-189.4	-189.4
81	595186.47	4791428.49	10.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.4	0.0	0.0	4.8	-0.0	21.2	-170.0	-170.0
82	595186.47	4791428.49	7.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.7	0.0	0.0	22.7	-0.0	21.2	-187.7	-187.7
83	595186.47	4791428.49	6.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.8	0.0	0.0	25.0	-0.0	21.2	-189.9	-189.9
84	595186.47	4791428.49	8.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.6	0.0	0.0	18.2	-0.0	21.2	-183.2	-183.2
85	595186.47	4791428.49	2.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-4.1	0.0	0.0	25.0	-0.0	21.2	-189.5	-189.5
86	595186.47	4791428.49	19.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-2.6	0.0	0.0	0.0	-0.0	21.2	-166.0	-166.0
87	595186.47	4791428.49	18.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-2.7	0.0	0.0	0.0	-0.0	21.2	-166.0	-166.0
88	595186.47	4791428.49	20.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-2.5	0.0	0.0	0.0	-0.0	21.2	-166.1	-166.1
89	595186.47	4791428.49	11.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.3	0.0	0.0	4.8	-0.0	21.2	-170.1	-170.1
90	595186.47	4791428.49	0.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-4.3	0.0	0.0	25.0	-0.0	21.2	-189.3	-189.3
91	595186.47	4791428.49	4.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-3.9	0.0	0.0	25.0	-0.0	21.2	-189.7	-189.7
92	595186.47	4791428.49	3.50	1	0	18.8	18.8	0.0	0.0	69.4	96.8	-4.0	0.0	0.0	25.0	-0.0	21.2	-189.6	-189.6

vert. Area Source, ISO 9613, Name: "Oxygen/Nitrogen Building North", ID: "O2_N2bldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahou dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595202.65	4791462.38	5.50	0	0	98.0	98.0	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	22.4	-0.0	-0.0	9.0	9.0
2	595193.33	4791465.15	5.50	0	0	79.4	79.4	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	22.4	-0.0	-0.0	-9.7	-9.7
3	595202.65	4791462.38	4.50	0	0	98.0	98.0	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	22.9	-0.0	-0.0	8.5	8.5
4	595193.33	4791465.15	4.50	0	0	79.4	79.4	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	22.9	-0.0	-0.0	-10.1	-10.1
5	595202.65	4791462.38	3.50	0	0	98.0	98.0	0.0	0.0	68.7	0.9	-3.1	0.0	0.0	23.3	-0.0	-0.0	8.2	8.2
6	595193.33	4791465.15	3.50	0	0	79.4	79.4	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	23.3	-0.0	-0.0	-10.5	-10.5
7	595202.65	4791462.38	0.50	0	0	98.0	98.0	0.0	0.0	68.7	0.9	-4.0	0.0	0.0	23.9	-0.0	-0.0	8.5	8.5
8	595193.33	4791465.15	0.50	0	0	79.4	79.4	0.0	0.0	68.7	0.9	-3.6	0.0	0.0	23.9	-0.0	-0.0	-10.5	-10.5
9	595202.65	4791462.38	9.50	0	0	98.0	98.0	0.0	0.0	68.7	0.9	-2.8	0.0	0.0	19.4	-0.0	-0.0	11.8	11.8
10	595193.33	4791465.15	9.50	0	0	79.4	79.4	0.0	0.0	68.7	0.9	-2.8	0.0	0.0	19.4	-0.0	-0.0	-6.8	-6.8
11	595202.65	4791462.38	6.50	0	0	98.0	98.0	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	21.8	-0.0	-0.0	9.5	9.5
12	595193.33	4791465.15	6.50	0	0	79.4	79.4	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	21.8	-0.0	-0.0	-9.1	-9.1
13	595202.65	4791462.38	2.50	0	0	98.0	98.0	0.0	0.0	68.7	0.9	-3.1	0.0	0.0	23.6	-0.0	-0.0	8.0	8.0
14	595193.33	4791465.15	2.50	0	0	79.4	79.4	0.0	0.0	68.7	0.9	-3.1	0.0	0.0	23.6	-0.0	-0.0	-10.7	-10.7
15	595202.65	4791462.38	1.50	0	0	98.0	98.0	0.0	0.0	68.7	0.9	-3.3	0.0	0.0	23.7	-0.0	-0.0	8.0	8.0
16	595193.33	4791465.15	1.50	0	0	79.4	79.4	0.0	0.0	68.7	0.9	-3.2	0.0	0.0	23.7	-0.0	-0.0	-10.8	-10.8
17	595202.65	4791462.38	7.50	0	0	98.0	98.0	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	21.2	-0.0	-0.0	10.2	10.2
18	595193.33	4791465.15	7.50	0	0	79.4	79.4	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	21.2	-0.0	-0.0	-8.5	-8.5
19	595202.65	4791462.38	8.50	0	0	98.0	98.0	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	20.4	-0.0	-0.0	10.9	10.9
20	595193.33	4791465.15	8.50	0	0	79.4	79.4	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	20.4	-0.0	-0.0	-7.7	-7.7
21	595190.37	4791466.03	7.50	0	0	92.9	92.9	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	21.2	-0.0	-0.0	5.0	5.0
22	595187.53	4791466.87	7.50	0	0	67.6	67.6	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	14.5	-0.0	-0.0	-13.6	-13.6
23	595190.37	4791466.03	2.50	0	0	92.9	92.9	0.0	0.0	68.7	0.9	-3.1	0.0	0.0	23.6	-0.0	-0.0	2.9	2.9
24	595187.53	4791466.87	2.50	0	0	67.6	67.6	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	17.1	-0.0	-0.0	-16.1	-16.1
25	595190.37	4791466.03	8.50	0	0	92.9	92.9	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	20.4	-0.0	-0.0	5.8	5.8
26	595187.53	4791466.87	8.50	0	0	67.6	67.6	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	13.9	-0.0	-0.0	-13.0	-13.0
27	595190.37	4791466.03	9.50	0	0	92.9	92.9	0.0	0.0	68.7	0.9	-2.8	0.0	0.0	19.4	-0.0	-0.0	6.7	6.7
28	595187.53	4791466.87	9.50	0	0	67.6	67.6	0.0	0.0	68.7	0.9	-2.8	0.0	0.0	13.2	-0.0	-0.0	-12.4	-12.4
29	595190.37	4791466.03	6.50	0	0	92.9	92.9	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	21.9	-0.0	-0.0	4.4	4.4
30	595187.53	4791466.87	6.50	0	0	67.6	67.6	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	15.1	-0.0	-0.0	-14.2	-14.2
31	595190.37	4791466.03	5.50	0	0	92.9	92.9	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	22.4	-0.0	-0.0	3.8	3.8
32	595187.53	4791466.87	5.50	0	0	67.6	67.6	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	15.6	-0.0	-0.0	-14.8	-14.8
33	595190.37	4791466.03	4.50	0	0	92.9	92.9	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	22.9	-0.0	-0.0	3.4	3.4
34	595187.53	4791466.87	4.50	0	0	67.6	67.6	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	16.1	-0.0	-0.0	-15.3	-15.3
35	595190.37	4791466.03	1.50	0	0	92.9	92.9	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	23.7	-0.0	-0.0	2.5	2.5
36	595187.53	4791466.87	1.50	0	0	67.6	67.6	0.0	0.0	68.7	0.9	-2.7	0.0	0.0	17.5	-0.0	-0.0	-16.8	-16.8
37	595190.37	4791466.03	0.50	0	0	92.9	92.9	0.0	0.0	68.7	0.9	-3.3	0.0	0.0	23.9	-0.0	-0.0	2.7	2.7
38	595187.53	4791466.87	0.50	0	0	67.6	67.6	0.0	0.0	68.7	0.9	-2.5	0.0	0.0	17.9	-0.0	-0.0	-17.4	-17.4
39	595190.37	4791466.03	3.50	0	0	92.9	92.9	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	23.3	-0.0	-0.0	3.0	3.0
40	595187.53	4791466.87	3.50	0	0	67.6	67.6	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	16.6	-0.0	-0.0	-15.7	-15.7
41	595202.65	4791462.38	5.50	1	0	44.8	44.8	0.0	0.0	69.5	98.5	-3.9	0.0	0.0	25.0	-0.0	22.6	-166.9	-166.9
42	595193.33	4791465.15	5.50	1	0	26.2	26.2	0.0	0.0	69.6	99.3	-3.9	0.0	0.0	25.0	-0.0	22.6	-186.5	-186.5
43	595196.75	4791464.14	5.50	1	0	77.0	77.0	0.0	0.0	70.5	3.8	-3.7	0.0	0.0	4.8	-0.0	1.0	0.7	0.7
44	595194.51	4791464.80	5.50	1	0	76.4	76.4	0.0	0.0	70.5	3.8	-3.7	0.0	0.0	4.8	-0.0	1.0	0.1	0.1
45	595193.34	4791465.15	5.50	1	0	67.4	67.4	0.0	0.0	70.5	3.8	-3.7	0.0	0.0	4.8	-0.0	1.0	-8.9	-8.9
46	595202.65	4791462.38	4.50	1	0	44.8	44.8	0.0	0.0	69.5	98.5	-4.0	0.0	0.0	25.0	-0.0	22.6	-166.8	-166.8
47	595193.33	4791465.15	4.50	1	0	26.2	26.2	0.0	0.0	69.6	99.3	-4.0	0.0	0.0	25.0	-0.0	22.6	-186.4	-186.4
48	595196.75	4791464.14	4.50	1	0	77.0	77.0	0.0	0.0	70.5	3.8	-3.8	0.0	0.0	4.8	-0.0	1.0	0.8	0.8
49	595194.51	4791464.80	4.50	1	0	76.4	76.4	0.0	0.0	70.5	3.8	-3.8	0.0	0.0	4.8	-0.0	1.0	0.2	0.2
50	595193.34	4791465.15	4.50	1	0	67.4	67.4	0.0	0.0	70.5	3.8	-3.8	0.0	0.0	4.8	-0.0	1.0	-8.8	-8.8
51	595202.65	4791462.38	3.50	1	0	44.8	44.8	0.0	0.0	69.5	98.5	-4.1	0.0	0.0	25.0	-0.0	22.6	-166.6	-166.6
52	595193.33	4791465.15	3.50	1	0	26.2	26.2	0.0	0.0	69.6	99.3	-4.1	0.0	0.0	25.0	-0.0	22.6	-186.3	-186.3
53	595211.29	4791459.82	3.50	1	0	73.7	73.7	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.5	-0.0	1.0	-3.3	-3.3
54	595209.66	4791460.31	3.50	1	0	76.6	76.6	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.6	-0.0	1.0	-0.4	-0.4
55	595207.99	4791460.80	3.50	1	0	74.0	74.0	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.6	-0.0	1.0	-2.9	-2.9
56	595206.45	4791461.26	3.50	1	0	76.0	76.0	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.6	-0.0	1.0	-1.0	-1.0
57	595204.88	4791461.72	3.50	1	0	74.3	74.3	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.6	-0.0	1.0	-2.7	-2.7
58	595203.61	4791462.10	3.50	1	0	74.3	74.3	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.6	-0.0	1.0	-2.7	-2.7
59	595201.44	4791462.75	3.50	1	0	78.1	78.1	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.6	-0.0	1.0	1.2	1.2
60	595198.92	4791463.49	3.50	1	0	76.1	76.1	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.6	-0.0	1.0	-0.8	-0.8
61	595196.75	4791464.14	3.50	1	0	77.0	77.0	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	4.8	-0.0	1.0	0.8	0.8
62	595194.51	4791464.80	3.50	1	0	76.4	76.4	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	4.8	-0.0	1.0	0.2	0.2
63	595193.34	4791465.15	3.50	1	0	67.4	67.4	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	4.8	-0.0	1.0	-8.8	-8.8
64	595202.65	4791462.38	0.50	1	0	44.8	44.8	0.0	0.0	69.5	98.5	-4.6	0.0	0.0	25.0	-0.0	22.6	-166.2	-166.2
65	595193.33	4791465.15	0.50	1	0	26.2	26.2	0.0	0.0	69.6	99.3	-4.6	0.0	0.0	25.0	-0.0	22.6	-185.8	-185.8
66	595211.29	4791459.82	0.50	1	0	73.7	73.7	0.0	0.0	70.5	3.8	-3.1	0.0	0.0	6.9	-0.0	1.0	-5.4	-5.4
67	595209.66	4791460.31	0.50	1	0	76.6	76.6	0.0	0.0	70.5	3.8	-3.3	0.0	0.0	6.9	-0.0</			

vert. Area Source, ISO 9613, Name: "Oxygen/Nitrogen Building North", ID: "O2_N2bldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
68	595207.99	4791460.80	0.50	1	0	74.0	74.0	0.0	0.0	70.5	3.8	-3.3	0.0	0.0	6.9	-0.0	1.0	-4.9	-4.9
69	595206.45	4791461.26	0.50	1	0	76.0	76.0	0.0	0.0	70.5	3.8	-3.1	0.0	0.0	6.9	-0.0	1.0	-3.1	-3.1
70	595204.88	4791461.72	0.50	1	0	74.3	74.3	0.0	0.0	70.5	3.8	-3.1	0.0	0.0	6.9	-0.0	1.0	-4.8	-4.8
71	595203.61	4791462.10	0.50	1	0	74.3	74.3	0.0	0.0	70.5	3.8	-3.1	0.0	0.0	6.9	-0.0	1.0	-4.8	-4.8
72	595201.44	4791462.75	0.50	1	0	78.1	78.1	0.0	0.0	70.5	3.8	-3.3	0.0	0.0	6.9	-0.0	1.0	-0.8	-0.8
73	595198.92	4791463.49	0.50	1	0	76.1	76.1	0.0	0.0	70.5	3.8	-3.1	0.0	0.0	6.9	-0.0	1.0	-2.9	-2.9
74	595196.75	4791464.14	0.50	1	0	77.0	77.0	0.0	0.0	70.5	3.8	-3.3	0.0	0.0	5.1	-0.0	1.0	-0.1	-0.1
75	595194.51	4791464.80	0.50	1	0	76.4	76.4	0.0	0.0	70.5	3.8	-3.3	0.0	0.0	5.1	-0.0	1.0	-0.7	-0.7
76	595193.34	4791465.15	0.50	1	0	67.4	67.4	0.0	0.0	70.5	3.8	-3.1	0.0	0.0	5.1	-0.0	1.0	-9.8	-9.8
77	595202.65	4791462.38	9.50	1	0	44.8	44.8	0.0	0.0	69.5	98.5	-3.5	0.0	0.0	25.0	-0.0	22.6	-167.2	-167.2
78	595193.33	4791465.15	9.50	1	0	26.2	26.2	0.0	0.0	69.6	99.3	-3.6	0.0	0.0	25.0	-0.0	22.6	-186.8	-186.8
79	595202.65	4791462.38	6.50	1	0	44.8	44.8	0.0	0.0	69.5	98.5	-3.8	0.0	0.0	25.0	-0.0	22.6	-167.0	-167.0
80	595193.33	4791465.15	6.50	1	0	26.2	26.2	0.0	0.0	69.6	99.3	-3.8	0.0	0.0	25.0	-0.0	22.6	-186.6	-186.6
81	595196.75	4791464.14	6.50	1	0	77.0	77.0	0.0	0.0	70.5	3.8	-3.7	0.0	0.0	4.8	-0.0	1.0	0.7	0.7
82	595194.51	4791464.80	6.50	1	0	76.4	76.4	0.0	0.0	70.5	3.8	-3.7	0.0	0.0	4.8	-0.0	1.0	0.1	0.1
83	595193.34	4791465.15	6.50	1	0	67.4	67.4	0.0	0.0	70.5	3.8	-3.7	0.0	0.0	4.8	-0.0	1.0	-8.9	-8.9
84	595202.65	4791462.38	2.50	1	0	44.8	44.8	0.0	0.0	69.5	98.5	-4.2	0.0	0.0	25.0	-0.0	22.6	-166.6	-166.6
85	595193.33	4791465.15	2.50	1	0	26.2	26.2	0.0	0.0	69.6	99.3	-4.2	0.0	0.0	25.0	-0.0	22.6	-186.2	-186.2
86	595211.29	4791459.82	2.50	1	0	73.7	73.7	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	5.9	-0.0	1.0	-3.6	-3.6
87	595209.66	4791460.31	2.50	1	0	76.6	76.6	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	5.9	-0.0	1.0	-0.7	-0.7
88	595207.99	4791460.80	2.50	1	0	74.0	74.0	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	5.9	-0.0	1.0	-3.2	-3.2
89	595206.45	4791461.26	2.50	1	0	76.0	76.0	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	5.9	-0.0	1.0	-1.3	-1.3
90	595204.88	4791461.72	2.50	1	0	74.3	74.3	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	5.9	-0.0	1.0	-3.0	-3.0
91	595203.61	4791462.10	2.50	1	0	74.3	74.3	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	5.9	-0.0	1.0	-3.0	-3.0
92	595201.44	4791462.75	2.50	1	0	78.1	78.1	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	5.9	-0.0	1.0	0.9	0.9
93	595198.92	4791463.49	2.50	1	0	76.1	76.1	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.9	-0.0	1.0	-1.1	-1.1
94	595196.75	4791464.14	2.50	1	0	77.0	77.0	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	4.9	-0.0	1.0	0.8	0.8
95	595194.51	4791464.80	2.50	1	0	76.4	76.4	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	4.9	-0.0	1.0	0.2	0.2
96	595193.34	4791465.15	2.50	1	0	67.4	67.4	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	4.9	-0.0	1.0	-8.8	-8.8
97	595202.65	4791462.38	1.50	1	0	44.8	44.8	0.0	0.0	69.5	98.5	-4.3	0.0	0.0	25.0	-0.0	22.6	-166.5	-166.5
98	595193.33	4791465.15	1.50	1	0	26.2	26.2	0.0	0.0	69.6	99.3	-4.3	0.0	0.0	25.0	-0.0	22.6	-186.1	-186.1
99	595211.29	4791459.82	1.50	1	0	73.7	73.7	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	6.4	-0.0	1.0	-4.1	-4.1
100	595209.66	4791460.31	1.50	1	0	76.6	76.6	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	6.4	-0.0	1.0	-1.2	-1.2
101	595207.99	4791460.80	1.50	1	0	74.0	74.0	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	6.4	-0.0	1.0	-3.8	-3.8
102	595206.45	4791461.26	1.50	1	0	76.0	76.0	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	6.4	-0.0	1.0	-1.8	-1.8
103	595204.88	4791461.72	1.50	1	0	74.3	74.3	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	6.4	-0.0	1.0	-3.5	-3.5
104	595203.61	4791462.10	1.50	1	0	74.3	74.3	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	6.4	-0.0	1.0	-3.5	-3.5
105	595201.44	4791462.75	1.50	1	0	78.1	78.1	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	6.4	-0.0	1.0	0.4	0.4
106	595198.92	4791463.49	1.50	1	0	76.1	76.1	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	6.4	-0.0	1.0	-1.6	-1.6
107	595196.75	4791464.14	1.50	1	0	77.0	77.0	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.0	-0.0	1.0	0.7	0.7
108	595194.51	4791464.80	1.50	1	0	76.4	76.4	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.0	-0.0	1.0	0.1	0.1
109	595193.34	4791465.15	1.50	1	0	67.4	67.4	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.0	-0.0	1.0	-9.0	-9.0
110	595202.65	4791462.38	7.50	1	0	44.8	44.8	0.0	0.0	69.5	98.5	-3.7	0.0	0.0	25.0	-0.0	22.6	-167.0	-167.0
111	595193.33	4791465.15	7.50	1	0	26.2	26.2	0.0	0.0	69.6	99.3	-3.7	0.0	0.0	25.0	-0.0	22.6	-186.7	-186.7
112	595202.65	4791462.38	8.50	1	0	44.8	44.8	0.0	0.0	69.5	98.5	-3.6	0.0	0.0	25.0	-0.0	22.6	-167.1	-167.1
113	595193.33	4791465.15	8.50	1	0	26.2	26.2	0.0	0.0	69.6	99.3	-3.6	0.0	0.0	25.0	-0.0	22.6	-186.8	-186.8
114	595192.35	4791465.44	2.50	1	0	75.6	75.6	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	4.9	-0.0	1.0	-0.6	-0.6
115	595192.35	4791465.44	6.50	1	0	75.6	75.6	0.0	0.0	70.5	3.8	-3.7	0.0	0.0	4.8	-0.0	1.0	-0.8	-0.8
116	595192.35	4791465.44	5.50	1	0	75.6	75.6	0.0	0.0	70.5	3.8	-3.8	0.0	0.0	4.8	-0.0	1.0	-0.7	-0.7
117	595192.35	4791465.44	4.50	1	0	75.6	75.6	0.0	0.0	70.5	3.8	-3.8	0.0	0.0	4.8	-0.0	1.0	-0.6	-0.6
118	595192.35	4791465.44	1.50	1	0	75.6	75.6	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.0	-0.0	1.0	-0.8	-0.8
119	595192.35	4791465.44	0.50	1	0	75.6	75.6	0.0	0.0	70.5	3.8	-3.1	0.0	0.0	5.1	-0.0	1.0	-1.6	-1.6
120	595192.35	4791465.44	3.50	1	0	75.6	75.6	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	4.8	-0.0	1.0	-0.6	-0.6

vert. Area Source, ISO 9613, Name: "Oxygen/Nitrogen Building West", ID: "O2_N2bldgWest"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595186.21	4791462.12	3.50	0	0	95.1	95.1	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	17.5	-0.0	-0.0	10.9	10.9
2	595186.21	4791462.12	4.50	0	0	95.1	95.1	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	17.0	-0.0	-0.0	11.4	11.4
3	595186.21	4791462.12	9.50	0	0	95.1	95.1	0.0	0.0	68.6	0.9	-2.7	0.0	0.0	14.1	-0.0	-0.0	14.2	14.2
4	595186.21	4791462.12	1.50	0	0	95.1	95.1	0.0	0.0	68.6	0.9	-2.6	0.0	0.0	18.3	-0.0	-0.0	9.8	9.8
5	595186.21	4791462.12	0.50	0	0	95.1	95.1	0.0	0.0	68.6	0.9	-2.2	0.0	0.0	18.7	-0.0	-0.0	9.1	9.1
6	595186.21	4791462.12	2.50	0	0	95.1	95.1	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	17.9	-0.0	-0.0	10.6	10.6
7	595186.21	4791462.12	7.50	0	0	95.1	95.1	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	15.4	-0.0	-0.0	13.1	13.1
8	595186.21	4791462.12	6.50	0	0	95.1	95.1	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	15.9	-0.0	-0.0	12.5	12.5
9	595186.21	4791462.12	8.50	0	0	95.1	95.1	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	14.8	-0.0	-0.0	13.6	13.6
10	595186.21	4791462.12	5.50	0	0	95.1	95.1	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	16.5	-0.0	-0.0	11.9	11.9
11	595184.02	4791454.15	9.50	0	0	93.4	93.4	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	15.9	-0.0	-0.0	10.8	10.8

vert. Area Source, ISO 9613, Name: "Oxygen/Nitrogen Building West", ID: "O2_N2bldgWest"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahaus dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
12	595182.76	4791449.52	9.50	0	0	89.9	89.9	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	17.1	-0.0	-0.0	6.1	6.1
13	595184.02	4791454.15	6.50	0	0	93.4	93.4	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	17.6	-0.0	-0.0	9.2	9.2
14	595182.76	4791449.52	6.50	0	0	89.9	89.9	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	18.7	-0.0	-0.0	4.6	4.6
15	595184.02	4791454.15	8.50	0	0	93.4	93.4	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	16.5	-0.0	-0.0	10.3	10.3
16	595182.76	4791449.52	8.50	0	0	89.9	89.9	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	17.7	-0.0	-0.0	5.6	5.6
17	595184.02	4791454.15	1.50	0	0	93.4	93.4	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	19.8	-0.0	-0.0	6.9	6.9
18	595182.76	4791449.52	1.50	0	0	89.9	89.9	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	20.6	-0.0	-0.0	2.5	2.5
19	595184.02	4791454.15	0.50	0	0	93.4	93.4	0.0	0.0	68.5	0.9	-2.2	0.0	0.0	20.1	-0.0	-0.0	6.1	6.1
20	595182.76	4791449.52	0.50	0	0	89.9	89.9	0.0	0.0	68.5	0.9	-2.2	0.0	0.0	20.9	-0.0	-0.0	1.8	1.8
21	595184.02	4791454.15	4.50	0	0	93.4	93.4	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	18.6	-0.0	-0.0	8.2	8.2
22	595182.76	4791449.52	4.50	0	0	89.9	89.9	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	19.6	-0.0	-0.0	3.6	3.6
23	595184.02	4791454.15	2.50	0	0	93.4	93.4	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	19.4	-0.0	-0.0	7.3	7.3
24	595182.76	4791449.52	2.50	0	0	89.9	89.9	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	20.3	-0.0	-0.0	2.8	2.8
25	595184.02	4791454.15	7.50	0	0	93.4	93.4	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	17.1	-0.0	-0.0	9.7	9.7
26	595182.76	4791449.52	7.50	0	0	89.9	89.9	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	18.2	-0.0	-0.0	5.1	5.1
27	595184.02	4791454.15	5.50	0	0	93.4	93.4	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	18.1	-0.0	-0.0	8.6	8.6
28	595182.76	4791449.52	5.50	0	0	89.9	89.9	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	19.2	-0.0	-0.0	4.1	4.1
29	595184.02	4791454.15	3.50	0	0	93.4	93.4	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	19.0	-0.0	-0.0	7.7	7.7
30	595182.76	4791449.52	3.50	0	0	89.9	89.9	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	20.0	-0.0	-0.0	3.2	3.2
31	595183.87	4791453.62	9.50	1	0	87.9	87.9	0.0	0.0	70.2	1.4	-3.2	0.0	0.0	4.8	-0.0	1.0	13.7	13.7
32	595183.37	4791451.76	9.50	1	0	85.2	85.2	0.0	0.0	70.2	1.4	-3.2	0.0	0.0	4.8	-0.0	1.0	11.1	11.1
33	595182.78	4791449.60	9.50	1	0	88.8	88.8	0.0	0.0	70.2	1.4	-3.2	0.0	0.0	4.8	-0.0	1.0	14.6	14.6
34	595183.87	4791453.62	6.50	1	0	87.9	87.9	0.0	0.0	70.2	1.4	-3.4	0.0	0.0	4.8	-0.0	1.0	13.9	13.9
35	595183.37	4791451.76	6.50	1	0	85.2	85.2	0.0	0.0	70.2	1.4	-3.3	0.0	0.0	4.8	-0.0	1.0	11.2	11.2
36	595182.78	4791449.60	6.50	1	0	88.8	88.8	0.0	0.0	70.2	1.4	-3.4	0.0	0.0	4.8	-0.0	1.0	14.8	14.8
37	595183.87	4791453.62	8.50	1	0	87.9	87.9	0.0	0.0	70.2	1.4	-3.3	0.0	0.0	4.8	-0.0	1.0	13.8	13.8
38	595183.37	4791451.76	8.50	1	0	85.2	85.2	0.0	0.0	70.2	1.4	-3.3	0.0	0.0	4.8	-0.0	1.0	11.1	11.1
39	595182.78	4791449.60	8.50	1	0	88.8	88.8	0.0	0.0	70.2	1.4	-3.3	0.0	0.0	4.8	-0.0	1.0	14.7	14.7
40	595183.87	4791453.62	1.50	1	0	87.9	87.9	0.0	0.0	70.2	1.4	-2.3	0.0	0.0	5.0	-0.0	1.0	12.6	12.6
41	595183.37	4791451.76	1.50	1	0	85.2	85.2	0.0	0.0	70.2	1.4	-2.3	0.0	0.0	4.9	-0.0	1.0	10.0	10.0
42	595182.78	4791449.60	1.50	1	0	88.8	88.8	0.0	0.0	70.2	1.4	-2.2	0.0	0.0	4.9	-0.0	1.0	13.5	13.5
43	595183.87	4791453.62	0.50	1	0	87.9	87.9	0.0	0.0	70.2	1.4	-1.6	0.0	0.0	5.0	-0.0	1.0	11.8	11.8
44	595183.37	4791451.76	0.50	1	0	85.2	85.2	0.0	0.0	70.2	1.4	-1.9	0.0	0.0	5.0	-0.0	1.0	9.5	9.5
45	595182.78	4791449.60	0.50	1	0	88.8	88.8	0.0	0.0	70.2	1.4	-1.5	0.0	0.0	5.0	-0.0	1.0	12.7	12.7
46	595183.87	4791453.62	4.50	1	0	87.9	87.9	0.0	0.0	70.2	1.4	-3.3	0.0	0.0	4.8	-0.0	1.0	13.8	13.8
47	595183.37	4791451.76	4.50	1	0	85.2	85.2	0.0	0.0	70.2	1.4	-3.3	0.0	0.0	4.8	-0.0	1.0	11.2	11.2
48	595182.78	4791449.60	4.50	1	0	88.8	88.8	0.0	0.0	70.2	1.4	-3.3	0.0	0.0	4.8	-0.0	1.0	14.7	14.7
49	595183.87	4791453.62	2.50	1	0	87.9	87.9	0.0	0.0	70.2	1.4	-2.8	0.0	0.0	4.9	-0.0	1.0	13.3	13.3
50	595183.37	4791451.76	2.50	1	0	85.2	85.2	0.0	0.0	70.2	1.4	-2.9	0.0	0.0	4.9	-0.0	1.0	10.6	10.6
51	595182.78	4791449.60	2.50	1	0	88.8	88.8	0.0	0.0	70.2	1.4	-2.8	0.0	0.0	4.9	-0.0	1.0	14.2	14.2
52	595183.87	4791453.62	7.50	1	0	87.9	87.9	0.0	0.0	70.2	1.4	-3.3	0.0	0.0	4.8	-0.0	1.0	13.9	13.9
53	595183.37	4791451.76	7.50	1	0	85.2	85.2	0.0	0.0	70.2	1.4	-3.3	0.0	0.0	4.8	-0.0	1.0	11.2	11.2
54	595182.78	4791449.60	7.50	1	0	88.8	88.8	0.0	0.0	70.2	1.4	-3.3	0.0	0.0	4.8	-0.0	1.0	14.8	14.8
55	595183.87	4791453.62	5.50	1	0	87.9	87.9	0.0	0.0	70.2	1.4	-3.4	0.0	0.0	4.8	-0.0	1.0	13.9	13.9
56	595183.37	4791451.76	5.50	1	0	85.2	85.2	0.0	0.0	70.2	1.4	-3.4	0.0	0.0	4.8	-0.0	1.0	11.2	11.2
57	595182.78	4791449.60	5.50	1	0	88.8	88.8	0.0	0.0	70.2	1.4	-3.4	0.0	0.0	4.8	-0.0	1.0	14.8	14.8
58	595183.87	4791453.62	3.50	1	0	87.9	87.9	0.0	0.0	70.2	1.4	-3.2	0.0	0.0	4.8	-0.0	1.0	13.6	13.6
59	595183.37	4791451.76	3.50	1	0	85.2	85.2	0.0	0.0	70.2	1.4	-3.1	0.0	0.0	4.8	-0.0	1.0	11.0	11.0
60	595182.78	4791449.60	3.50	1	0	88.8	88.8	0.0	0.0	70.2	1.4	-3.1	0.0	0.0	4.8	-0.0	1.0	14.5	14.5

vert. Area Source, ISO 9613, Name: "Oxygen/Nitrogen Building South", ID: "O2_N2bldgSouth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahaus dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595193.57	4791444.98	7.50	0	0	96.9	96.9	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	18.6	-0.0	-0.0	11.9	11.9
2	595203.69	4791442.20	7.50	0	0	93.0	93.0	0.0	0.0	68.5	0.9	-3.0	0.0	0.0	4.8	-0.0	-0.0	21.7	21.7
3	595206.66	4791441.38	7.50	0	0	76.8	76.8	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	7.2	-0.0	-0.0	3.1	3.1
4	595193.57	4791444.98	5.50	0	0	96.9	96.9	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	19.5	-0.0	-0.0	10.9	10.9
5	595203.69	4791442.20	5.50	0	0	93.0	93.0	0.0	0.0	68.5	0.9	-3.0	0.0	0.0	4.9	-0.0	-0.0	21.6	21.6
6	595206.66	4791441.38	5.50	0	0	76.8	76.8	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	10.5	-0.0	-0.0	-0.3	-0.3
7	595193.57	4791444.98	6.50	0	0	96.9	96.9	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	19.0	-0.0	-0.0	11.4	11.4
8	595203.69	4791442.20	6.50	0	0	93.0	93.0	0.0	0.0	68.5	0.9	-3.0	0.0	0.0	4.9	-0.0	-0.0	21.7	21.7
9	595206.66	4791441.38	6.50	0	0	76.8	76.8	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	8.8	-0.0	-0.0	1.5	1.5
10	595193.57	4791444.98	9.50	0	0	96.9	96.9	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	17.4	-0.0	-0.0	12.8	12.8
11	595203.69	4791442.20	9.50	0	0	93.0	93.0	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	4.8	-0.0	-0.0	21.6	21.6
12	595206.66	4791441.38	9.50	0	0	76.8	76.8	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	4.8	-0.0	-0.0	5.4	5.4
13	595193.57	4791444.98	3.50	0	0	96.9	96.9	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	20.3	-0.0	-0.0	10.1	10.1
14	595203.69	4791442.20	3.50	0	0	93.0	93.0	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	5.2	-0.0	-0.0	21.1	21.1
15	595206.66	4791441.38	3.50	0	0	76.8	76.8	0.0	0.0	68.6	0.9	-2.7	0.0	0.0	13.5	-0.0	-0.0	-3.4	-3.4

vert. Area Source, ISO 9613, Name: "Oxygen/Nitrogen Building South", ID: "O2_N2bldgSouth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
16	595193.57	4791444.98	0.50	0	0	96.9	96.9	0.0	0.0	68.5	0.9	-2.3	0.0	0.0	21.2	-0.0	-0.0	8.6	8.6
17	595203.69	4791442.20	0.50	0	0	93.0	93.0	0.0	0.0	68.5	0.9	-1.8	0.0	0.0	6.0	-0.0	-0.0	19.3	19.3
18	595206.66	4791441.38	0.50	0	0	76.8	76.8	0.0	0.0	68.6	0.9	-2.4	0.0	0.0	16.9	-0.0	-0.0	-7.1	-7.1
19	595193.57	4791444.98	2.50	0	0	96.9	96.9	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	20.6	-0.0	-0.0	9.7	9.7
20	595203.69	4791442.20	2.50	0	0	93.0	93.0	0.0	0.0	68.5	0.9	-2.6	0.0	0.0	5.5	-0.0	-0.0	20.7	20.7
21	595206.66	4791441.38	2.50	0	0	76.8	76.8	0.0	0.0	68.6	0.9	-2.6	0.0	0.0	14.7	-0.0	-0.0	-4.8	-4.8
22	595193.57	4791444.98	8.50	0	0	96.9	96.9	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	18.0	-0.0	-0.0	12.3	12.3
23	595203.69	4791442.20	8.50	0	0	93.0	93.0	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	4.8	-0.0	-0.0	21.7	21.7
24	595206.66	4791441.38	8.50	0	0	76.8	76.8	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	6.0	-0.0	-0.0	4.3	4.3
25	595193.57	4791444.98	4.50	0	0	96.9	96.9	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	19.9	-0.0	-0.0	10.4	10.4
26	595203.69	4791442.20	4.50	0	0	93.0	93.0	0.0	0.0	68.5	0.9	-2.9	0.0	0.0	5.1	-0.0	-0.0	21.4	21.4
27	595206.66	4791441.38	4.50	0	0	76.8	76.8	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	12.0	-0.0	-0.0	-1.9	-1.9
28	595193.57	4791444.98	1.50	0	0	96.9	96.9	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	20.9	-0.0	-0.0	9.3	9.3
29	595203.69	4791442.20	1.50	0	0	93.0	93.0	0.0	0.0	68.5	0.9	-2.2	0.0	0.0	5.7	-0.0	-0.0	20.0	20.0
30	595206.66	4791441.38	1.50	0	0	76.8	76.8	0.0	0.0	68.6	0.9	-2.4	0.0	0.0	15.9	-0.0	-0.0	-6.1	-6.1
31	595184.37	4791447.53	3.50	0	0	91.3	91.3	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	20.3	-0.0	-0.0	4.5	4.5
32	595184.37	4791447.53	8.50	0	0	91.3	91.3	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	18.1	-0.0	-0.0	6.7	6.7
33	595184.37	4791447.53	9.50	0	0	91.3	91.3	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	17.5	-0.0	-0.0	7.2	7.2
34	595184.37	4791447.53	6.50	0	0	91.3	91.3	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	19.1	-0.0	-0.0	5.8	5.8
35	595184.37	4791447.53	7.50	0	0	91.3	91.3	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	18.6	-0.0	-0.0	6.2	6.2
36	595184.37	4791447.53	5.50	0	0	91.3	91.3	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	19.5	-0.0	-0.0	5.3	5.3
37	595184.37	4791447.53	1.50	0	0	91.3	91.3	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	21.0	-0.0	-0.0	3.8	3.8
38	595184.37	4791447.53	4.50	0	0	91.3	91.3	0.0	0.0	68.5	0.9	-2.8	0.0	0.0	19.9	-0.0	-0.0	4.8	4.8
39	595184.37	4791447.53	2.50	0	0	91.3	91.3	0.0	0.0	68.5	0.9	-2.7	0.0	0.0	20.6	-0.0	-0.0	4.1	4.1
40	595184.37	4791447.53	0.50	0	0	91.3	91.3	0.0	0.0	68.5	0.9	-2.5	0.0	0.0	21.2	-0.0	-0.0	3.3	3.3
41	595193.57	4791444.98	7.50	1	0	43.7	43.7	0.0	0.0	69.4	97.5	-3.7	0.0	0.0	22.7	-0.0	21.8	-164.1	-164.1
42	595203.69	4791442.20	7.50	1	0	39.7	39.7	0.0	0.0	69.3	96.5	-3.7	0.0	0.0	25.0	-0.0	21.7	-169.0	-169.0
43	595206.66	4791441.38	7.50	1	0	23.6	23.6	0.0	0.0	69.3	96.2	-3.7	0.0	0.0	25.0	-0.0	21.6	-184.8	-184.8
44	595189.52	4791446.09	7.50	1	0	79.8	79.8	0.0	0.0	68.6	3.1	-3.5	0.0	0.0	4.9	-0.0	1.0	5.7	5.7
45	595191.86	4791445.45	7.50	1	0	64.1	64.1	0.0	0.0	68.6	3.1	-3.5	0.0	0.0	4.9	-0.0	1.0	-10.0	-10.0
46	595193.57	4791444.98	5.50	1	0	43.7	43.7	0.0	0.0	69.4	97.5	-3.8	0.0	0.0	25.0	-0.0	21.8	-166.3	-166.3
47	595203.69	4791442.20	5.50	1	0	39.7	39.7	0.0	0.0	69.3	96.5	-3.8	0.0	0.0	25.0	-0.0	21.7	-168.9	-168.9
48	595206.66	4791441.38	5.50	1	0	23.6	23.6	0.0	0.0	69.3	96.2	-3.8	0.0	0.0	25.0	-0.0	21.6	-184.7	-184.7
49	595189.52	4791446.09	5.50	1	0	79.8	79.8	0.0	0.0	68.6	3.1	-3.6	0.0	0.0	5.3	-0.0	1.0	5.4	5.4
50	595191.86	4791445.45	5.50	1	0	64.1	64.1	0.0	0.0	68.6	3.1	-3.6	0.0	0.0	5.3	-0.0	1.0	-10.2	-10.2
51	595193.57	4791444.98	6.50	1	0	43.7	43.7	0.0	0.0	69.4	97.5	-3.7	0.0	0.0	24.2	-0.0	21.8	-165.6	-165.6
52	595203.69	4791442.20	6.50	1	0	39.7	39.7	0.0	0.0	69.3	96.5	-3.8	0.0	0.0	25.0	-0.0	21.7	-169.0	-169.0
53	595206.66	4791441.38	6.50	1	0	23.6	23.6	0.0	0.0	69.3	96.2	-3.8	0.0	0.0	25.0	-0.0	21.6	-184.8	-184.8
54	595189.52	4791446.09	6.50	1	0	79.8	79.8	0.0	0.0	68.6	3.1	-3.6	0.0	0.0	5.1	-0.0	1.0	5.6	5.6
55	595191.86	4791445.45	6.50	1	0	64.1	64.1	0.0	0.0	68.6	3.1	-3.6	0.0	0.0	5.1	-0.0	1.0	-10.0	-10.0
56	595193.57	4791444.98	9.50	1	0	43.7	43.7	0.0	0.0	69.4	97.5	-3.5	0.0	0.0	18.8	-0.0	21.8	-160.4	-160.4
57	595203.69	4791442.20	9.50	1	0	39.7	39.7	0.0	0.0	69.3	96.5	-3.5	0.0	0.0	21.6	-0.0	21.7	-165.8	-165.8
58	595206.66	4791441.38	9.50	1	0	23.6	23.6	0.0	0.0	69.3	96.2	-3.5	0.0	0.0	22.5	-0.0	21.6	-182.5	-182.5
59	595193.57	4791444.98	3.50	1	0	43.7	43.7	0.0	0.0	69.4	97.5	-4.0	0.0	0.0	25.0	-0.0	21.8	-166.1	-166.1
60	595203.69	4791442.20	3.50	1	0	39.7	39.7	0.0	0.0	69.3	96.5	-4.0	0.0	0.0	25.0	-0.0	21.7	-168.7	-168.7
61	595206.66	4791441.38	3.50	1	0	23.6	23.6	0.0	0.0	69.3	96.2	-4.0	0.0	0.0	25.0	-0.0	21.6	-184.5	-184.5
62	595189.52	4791446.09	3.50	1	0	79.8	79.8	0.0	0.0	68.6	3.1	-3.8	0.0	0.0	6.3	-0.0	1.0	4.6	4.6
63	595191.86	4791445.45	3.50	1	0	64.1	64.1	0.0	0.0	68.6	3.1	-3.8	0.0	0.0	6.3	-0.0	1.0	-11.0	-11.0
64	595193.57	4791444.98	0.50	1	0	43.7	43.7	0.0	0.0	69.4	97.5	-4.2	0.0	0.0	25.0	-0.0	21.8	-165.9	-165.9
65	595203.69	4791442.20	0.50	1	0	39.7	39.7	0.0	0.0	69.3	96.5	-4.2	0.0	0.0	25.0	-0.0	21.7	-168.5	-168.5
66	595206.66	4791441.38	0.50	1	0	23.6	23.6	0.0	0.0	69.3	96.2	-4.3	0.0	0.0	25.0	-0.0	21.6	-184.2	-184.2
67	595189.52	4791446.09	0.50	1	0	79.8	79.8	0.0	0.0	68.6	3.1	-3.1	0.0	0.0	8.5	-0.0	1.0	1.7	1.7
68	595191.86	4791445.45	0.50	1	0	64.1	64.1	0.0	0.0	68.6	3.1	-3.3	0.0	0.0	8.5	-0.0	1.0	-13.8	-13.8
69	595193.57	4791444.98	2.50	1	0	43.7	43.7	0.0	0.0	69.4	97.5	-4.1	0.0	0.0	25.0	-0.0	21.8	-166.0	-166.0
70	595203.69	4791442.20	2.50	1	0	39.7	39.7	0.0	0.0	69.3	96.5	-4.1	0.0	0.0	25.0	-0.0	21.7	-168.6	-168.6
71	595206.66	4791441.38	2.50	1	0	23.6	23.6	0.0	0.0	69.3	96.2	-4.1	0.0	0.0	25.0	-0.0	21.6	-184.4	-184.4
72	595189.52	4791446.09	2.50	1	0	79.8	79.8	0.0	0.0	68.6	3.1	-3.9	0.0	0.0	6.9	-0.0	1.0	4.1	4.1
73	595191.86	4791445.45	2.50	1	0	64.1	64.1	0.0	0.0	68.6	3.1	-3.9	0.0	0.0	6.9	-0.0	1.0	-11.6	-11.6
74	595193.57	4791444.98	8.50	1	0	43.7	43.7	0.0	0.0	69.4	97.5	-3.6	0.0	0.0	20.9	-0.0	21.8	-162.4	-162.4
75	595203.69	4791442.20	8.50	1	0	39.7	39.7	0.0	0.0	69.3	96.5	-3.6	0.0	0.0	23.5	-0.0	21.7	-167.6	-167.6
76	595206.66	4791441.38	8.50	1	0	23.6	23.6	0.0	0.0	69.3	96.2	-3.6	0.0	0.0	24.4	-0.0	21.6	-184.3	-184.3
77	595189.52	4791446.09	8.50	1	0	79.8	79.8	0.0	0.0	68.6	3.1	-3.4	0.0	0.0	4.8	-0.0	1.0	5.7	5.7
78	595191.86	4791445.45	8.50	1	0	64.1	64.1	0.0	0.0	68.6	3.1	-3.4	0.0	0.0	4.8	-0.0	1.0	-10.0	-10.0
79	595193.57	4791444.98	4.50	1	0	43.7	43.7	0.0	0.0	69.4	97.5	-3.9	0.0	0.0	25.0	-0.0	21.8	-166.2	-166.2
80	595203.69	4791442.20	4.50	1	0	39.7	39.7	0.0	0.0	69.3	96.5	-3.9	0.0	0.0	25.0	-0.0	21.7	-168.8	-168.8
81	595206.66	4791441.38	4.50	1	0	23.6	23.6	0.0	0.0	69.3	96.2	-3.9	0.0	0.0	25.0	-0.0	21.6	-184.6	-184.6
82	595189.52	4791446.0																	

vert. Area Source, ISO 9613, Name: "Oxygen/Nitrogen Building South", ID: "O2_N2bldgSouth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT (dB(A))	LxN (dB(A))	K0 (dB)	Dc (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	LrT (dB(A))	LrN (dB(A))
83	595191.86	4791445.45	4.50	1	0	64.1	64.1	0.0	0.0	68.6	3.1	-3.7	0.0	0.0	5.8	-0.0	1.0	-10.6	-10.6
84	595193.57	4791444.98	1.50	1	0	43.7	43.7	0.0	0.0	69.4	97.5	-4.1	0.0	0.0	25.0	-0.0	21.8	-165.9	-165.9
85	595203.69	4791442.20	1.50	1	0	39.7	39.7	0.0	0.0	69.3	96.5	-4.1	0.0	0.0	25.0	-0.0	21.7	-168.6	-168.6
86	595206.66	4791441.38	1.50	1	0	23.6	23.6	0.0	0.0	69.3	96.2	-4.2	0.0	0.0	25.0	-0.0	21.6	-184.3	-184.3
87	595189.52	4791446.09	1.50	1	0	79.8	79.8	0.0	0.0	68.6	3.1	-3.8	0.0	0.0	7.7	-0.0	1.0	3.3	3.3
88	595191.86	4791445.45	1.50	1	0	64.1	64.1	0.0	0.0	68.6	3.1	-3.9	0.0	0.0	7.7	-0.0	1.0	-12.4	-12.4
89	595182.93	4791447.95	3.50	1	0	84.5	84.5	0.0	0.0	70.3	1.4	-3.1	0.0	0.0	24.0	-0.0	1.0	-9.1	-9.1
90	595183.79	4791447.70	3.50	1	0	82.0	82.0	0.0	0.0	70.3	1.4	-3.1	0.0	0.0	24.0	-0.0	1.0	-11.5	-11.5
91	595182.93	4791447.95	8.50	1	0	84.5	84.5	0.0	0.0	70.3	1.4	-3.2	0.0	0.0	18.4	-0.0	1.0	-3.4	-3.4
92	595183.79	4791447.70	8.50	1	0	82.0	82.0	0.0	0.0	70.3	1.4	-3.2	0.0	0.0	18.4	-0.0	1.0	-5.8	-5.8
93	595182.93	4791447.95	9.50	1	0	84.5	84.5	0.0	0.0	70.3	1.4	-3.1	0.0	0.0	14.5	-0.0	1.0	0.5	0.5
94	595183.79	4791447.70	9.50	1	0	82.0	82.0	0.0	0.0	70.3	1.4	-3.2	0.0	0.0	14.5	-0.0	1.0	-1.9	-1.9
95	595182.93	4791447.95	6.50	1	0	84.5	84.5	0.0	0.0	70.3	1.4	-3.3	0.0	0.0	21.8	-0.0	1.0	-6.6	-6.6
96	595183.79	4791447.70	6.50	1	0	82.0	82.0	0.0	0.0	70.3	1.4	-3.3	0.0	0.0	21.8	-0.0	1.0	-9.1	-9.1
97	595182.93	4791447.95	7.50	1	0	84.5	84.5	0.0	0.0	70.3	1.4	-3.3	0.0	0.0	20.4	-0.0	1.0	-5.3	-5.3
98	595183.79	4791447.70	7.50	1	0	82.0	82.0	0.0	0.0	70.3	1.4	-3.3	0.0	0.0	20.4	-0.0	1.0	-7.8	-7.8
99	595182.93	4791447.95	5.50	1	0	84.5	84.5	0.0	0.0	70.3	1.4	-3.3	0.0	0.0	22.8	-0.0	1.0	-7.6	-7.6
100	595183.79	4791447.70	5.50	1	0	82.0	82.0	0.0	0.0	70.3	1.4	-3.3	0.0	0.0	22.8	-0.0	1.0	-10.1	-10.1
101	595182.93	4791447.95	1.50	1	0	84.5	84.5	0.0	0.0	70.3	1.4	-2.2	0.0	0.0	24.8	-0.0	1.0	-10.7	-10.7
102	595183.79	4791447.70	1.50	1	0	82.0	82.0	0.0	0.0	70.3	1.4	-2.5	0.0	0.0	24.8	-0.0	1.0	-12.9	-12.9
103	595182.93	4791447.95	4.50	1	0	84.5	84.5	0.0	0.0	70.3	1.4	-3.2	0.0	0.0	23.5	-0.0	1.0	-8.4	-8.4
104	595183.79	4791447.70	4.50	1	0	82.0	82.0	0.0	0.0	70.3	1.4	-3.3	0.0	0.0	23.4	-0.0	1.0	-10.8	-10.8
105	595182.93	4791447.95	2.50	1	0	84.5	84.5	0.0	0.0	70.3	1.4	-2.8	0.0	0.0	24.4	-0.0	1.0	-9.8	-9.8
106	595183.79	4791447.70	2.50	1	0	82.0	82.0	0.0	0.0	70.3	1.4	-2.9	0.0	0.0	24.4	-0.0	1.0	-12.2	-12.2
107	595182.93	4791447.95	0.50	1	0	84.5	84.5	0.0	0.0	70.3	1.4	-1.5	0.0	0.0	25.0	-0.0	1.0	-11.6	-11.6
108	595183.79	4791447.70	0.50	1	0	82.0	82.0	0.0	0.0	70.3	1.4	-2.6	0.0	0.0	25.0	-0.0	1.0	-13.0	-13.0

vert. Area Source, ISO 9613, Name: "Oxygen/Nitrogen Building East", ID: "O2_N2bldgEast"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT (dB(A))	LxN (dB(A))	K0 (dB)	Dc (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	LrT (dB(A))	LrN (dB(A))
1	595208.51	4791447.61	8.50	0	0	96.3	96.3	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	16.9	-0.0	-0.0	12.8	12.8
2	595208.51	4791447.61	9.50	0	0	96.3	96.3	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	13.0	-0.0	-0.0	16.6	16.6
3	595208.51	4791447.61	0.50	0	0	96.3	96.3	0.0	0.0	68.6	0.9	-3.0	0.0	0.0	23.8	-0.0	-0.0	6.0	6.0
4	595208.51	4791447.61	4.50	0	0	96.3	96.3	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	22.0	-0.0	-0.0	7.6	7.6
5	595208.51	4791447.61	6.50	0	0	96.3	96.3	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	20.2	-0.0	-0.0	9.5	9.5
6	595208.51	4791447.61	7.50	0	0	96.3	96.3	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	18.9	-0.0	-0.0	10.8	10.8
7	595208.51	4791447.61	5.50	0	0	96.3	96.3	0.0	0.0	68.6	0.9	-2.9	0.0	0.0	21.2	-0.0	-0.0	8.4	8.4
8	595208.51	4791447.61	3.50	0	0	96.3	96.3	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	22.6	-0.0	-0.0	7.0	7.0
9	595208.51	4791447.61	1.50	0	0	96.3	96.3	0.0	0.0	68.6	0.9	-2.6	0.0	0.0	23.6	-0.0	-0.0	5.9	5.9
10	595208.51	4791447.61	2.50	0	0	96.3	96.3	0.0	0.0	68.6	0.9	-2.8	0.0	0.0	23.1	-0.0	-0.0	6.4	6.4
11	595210.60	4791455.03	4.50	0	0	89.1	89.1	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	21.9	-0.0	-0.0	0.4	0.4
12	595211.38	4791457.94	4.50	0	0	90.7	90.7	0.0	0.0	68.8	0.9	-3.0	0.0	0.0	22.7	-0.0	-0.0	1.3	1.3
13	595210.60	4791455.03	9.50	0	0	89.1	89.1	0.0	0.0	68.7	0.9	-2.8	0.0	0.0	12.7	-0.0	-0.0	9.6	9.6
14	595211.38	4791457.94	9.50	0	0	90.7	90.7	0.0	0.0	68.8	0.9	-2.8	0.0	0.0	18.9	-0.0	-0.0	5.0	5.0
15	595210.60	4791455.03	6.50	0	0	89.1	89.1	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	20.2	-0.0	-0.0	2.2	2.2
16	595211.38	4791457.94	6.50	0	0	90.7	90.7	0.0	0.0	68.8	0.9	-3.0	0.0	0.0	21.6	-0.0	-0.0	2.4	2.4
17	595210.60	4791455.03	5.50	0	0	89.1	89.1	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	21.2	-0.0	-0.0	1.1	1.1
18	595211.38	4791457.94	5.50	0	0	90.7	90.7	0.0	0.0	68.8	0.9	-3.0	0.0	0.0	22.2	-0.0	-0.0	1.8	1.8
19	595210.60	4791455.03	1.50	0	0	89.1	89.1	0.0	0.0	68.7	0.9	-3.0	0.0	0.0	23.5	-0.0	-0.0	-1.1	-1.1
20	595211.38	4791457.94	1.50	0	0	90.7	90.7	0.0	0.0	68.8	0.9	-3.0	0.0	0.0	23.7	-0.0	-0.0	0.4	0.4
21	595210.60	4791455.03	3.50	0	0	89.1	89.1	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	22.6	-0.0	-0.0	-0.2	-0.2
22	595211.38	4791457.94	3.50	0	0	90.7	90.7	0.0	0.0	68.8	0.9	-3.0	0.0	0.0	23.1	-0.0	-0.0	0.9	0.9
23	595210.60	4791455.03	0.50	0	0	89.1	89.1	0.0	0.0	68.7	0.9	-4.0	0.0	0.0	23.8	-0.0	-0.0	-0.4	-0.4
24	595211.38	4791457.94	0.50	0	0	90.7	90.7	0.0	0.0	68.8	0.9	-3.7	0.0	0.0	23.8	-0.0	-0.0	0.9	0.9
25	595210.60	4791455.03	8.50	0	0	89.1	89.1	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	16.7	-0.0	-0.0	5.6	5.6
26	595211.38	4791457.94	8.50	0	0	90.7	90.7	0.0	0.0	68.8	0.9	-2.9	0.0	0.0	20.0	-0.0	-0.0	3.9	3.9
27	595210.60	4791455.03	7.50	0	0	89.1	89.1	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	18.8	-0.0	-0.0	3.6	3.6
28	595211.38	4791457.94	7.50	0	0	90.7	90.7	0.0	0.0	68.8	0.9	-3.0	0.0	0.0	20.9	-0.0	-0.0	3.1	3.1
29	595210.60	4791455.03	2.50	0	0	89.1	89.1	0.0	0.0	68.7	0.9	-2.9	0.0	0.0	23.1	-0.0	-0.0	-0.7	-0.7
30	595211.38	4791457.94	2.50	0	0	90.7	90.7	0.0	0.0	68.8	0.9	-3.0	0.0	0.0	23.5	-0.0	-0.0	0.6	0.6
31	595208.51	4791447.61	8.50	1	0	43.1	43.1	0.0	0.0	69.3	96.6	-3.6	0.0	0.0	23.9	-0.0	21.9	-165.1	-165.1
32	595208.51	4791447.61	9.50	1	0	43.1	43.1	0.0	0.0	69.3	96.6	-3.5	0.0	0.0	22.0	-0.0	21.9	-163.3	-163.3
33	595208.51	4791447.61	0.50	1	0	43.1	43.1	0.0	0.0	69.3	96.6	-4.3	0.0	0.0	25.0	-0.0	21.9	-165.5	-165.5
34	595208.51	4791447.61	4.50	1	0	43.1	43.1	0.0	0.0	69.3	96.6	-3.9	0.0	0.0	25.0	-0.0	21.9	-165.9	-165.9
35	595208.51	4791447.61	6.50	1	0	43.1	43.1	0.0	0.0	69.3	96.6	-3.8	0.0	0.0	25.0	-0.0	21.9	-166.1	-166.1
36	595208.51	4791447.61	7.50	1	0	43.1	43.1	0.0	0.0	69.3	96.6	-3.7	0.0	0.0	25.0	-0.0	21.9	-166.1	-166.1
37	595208.51	4791447.61	5.50	1	0	43.1	43.1	0.0	0.0	69.3	96.6	-3.8	0.0	0.0	25.0	-0.0	21.9	-166.0	-166.0
38	595208.51	4791447.61	3.50	1	0	43.1	43.1	0.0	0.0	69.3	96.6	-4.0	0.0	0.0	25.0	-0.0	21.9	-165.8	-165.8

vert. Area Source, ISO 9613, Name: "Oxygen/Nitrogen Building East", ID: "O2_N2BldgEast"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
39	595208.51	4791447.61	1.50	1	0	43.1	43.1	0.0	0.0	69.3	96.6	-4.2	0.0	0.0	25.0	-0.0	21.9	-165.6	-165.6
40	595208.51	4791447.61	2.50	1	0	43.1	43.1	0.0	0.0	69.3	96.6	-4.1	0.0	0.0	25.0	-0.0	21.9	-165.7	-165.7
41	595210.60	4791455.03	4.50	1	0	35.8	35.8	0.0	0.0	69.4	97.3	-4.0	0.0	0.0	25.0	-0.0	22.3	-174.1	-174.1
42	595211.38	4791457.94	4.50	1	0	37.5	37.5	0.0	0.0	69.4	97.5	-4.0	0.0	0.0	25.0	-0.0	22.4	-172.9	-172.9
43	595210.60	4791455.03	9.50	1	0	35.8	35.8	0.0	0.0	69.4	97.3	-3.5	0.0	0.0	21.3	-0.0	22.3	-170.9	-170.9
44	595211.38	4791457.94	9.50	1	0	37.5	37.5	0.0	0.0	69.4	97.5	-3.5	0.0	0.0	21.1	-0.0	22.4	-169.4	-169.4
45	595210.60	4791455.03	6.50	1	0	35.8	35.8	0.0	0.0	69.4	97.3	-3.8	0.0	0.0	25.0	-0.0	22.3	-174.3	-174.3
46	595211.38	4791457.94	6.50	1	0	37.5	37.5	0.0	0.0	69.4	97.5	-3.8	0.0	0.0	25.0	-0.0	22.4	-173.1	-173.1
47	595210.60	4791455.03	5.50	1	0	35.8	35.8	0.0	0.0	69.4	97.3	-3.9	0.0	0.0	25.0	-0.0	22.3	-174.2	-174.2
48	595211.38	4791457.94	5.50	1	0	37.5	37.5	0.0	0.0	69.4	97.5	-3.9	0.0	0.0	25.0	-0.0	22.4	-173.0	-173.0
49	595210.60	4791455.03	1.50	1	0	35.8	35.8	0.0	0.0	69.4	97.3	-4.2	0.0	0.0	25.0	-0.0	22.3	-173.9	-173.9
50	595211.38	4791457.94	1.50	1	0	37.5	37.5	0.0	0.0	69.4	97.5	-4.1	0.0	0.0	25.0	-0.0	22.4	-172.7	-172.7
51	595211.84	4791459.63	1.50	1	0	60.5	60.5	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	6.4	-0.0	1.0	-17.3	-17.3
52	595210.60	4791455.03	3.50	1	0	35.8	35.8	0.0	0.0	69.4	97.3	-4.1	0.0	0.0	25.0	-0.0	22.3	-174.0	-174.0
53	595211.38	4791457.94	3.50	1	0	37.5	37.5	0.0	0.0	69.4	97.5	-4.1	0.0	0.0	25.0	-0.0	22.4	-172.8	-172.8
54	595211.84	4791459.63	3.50	1	0	60.5	60.5	0.0	0.0	70.5	3.8	-3.9	0.0	0.0	5.5	-0.0	1.0	-16.5	-16.5
55	595210.60	4791455.03	0.50	1	0	35.8	35.8	0.0	0.0	69.4	97.3	-4.3	0.0	0.0	25.0	-0.0	22.3	-173.8	-173.8
56	595211.38	4791457.94	0.50	1	0	37.5	37.5	0.0	0.0	69.4	97.5	-4.2	0.0	0.0	25.0	-0.0	22.4	-172.6	-172.6
57	595211.84	4791459.63	0.50	1	0	60.5	60.5	0.0	0.0	70.5	3.8	-3.1	0.0	0.0	6.9	-0.0	1.0	-18.6	-18.6
58	595210.60	4791455.03	8.50	1	0	35.8	35.8	0.0	0.0	69.4	97.3	-3.6	0.0	0.0	23.3	-0.0	22.3	-172.8	-172.8
59	595211.38	4791457.94	8.50	1	0	37.5	37.5	0.0	0.0	69.4	97.5	-3.6	0.0	0.0	23.0	-0.0	22.4	-171.3	-171.3
60	595210.60	4791455.03	7.50	1	0	35.8	35.8	0.0	0.0	69.4	97.3	-3.7	0.0	0.0	24.9	-0.0	22.3	-174.3	-174.3
61	595211.38	4791457.94	7.50	1	0	37.5	37.5	0.0	0.0	69.4	97.5	-3.7	0.0	0.0	24.7	-0.0	22.4	-172.9	-172.9
62	595210.60	4791455.03	2.50	1	0	35.8	35.8	0.0	0.0	69.4	97.3	-4.2	0.0	0.0	25.0	-0.0	22.3	-173.9	-173.9
63	595211.38	4791457.94	2.50	1	0	37.5	37.5	0.0	0.0	69.4	97.5	-4.2	0.0	0.0	25.0	-0.0	22.4	-172.7	-172.7
64	595211.84	4791459.63	2.50	1	0	60.5	60.5	0.0	0.0	70.5	3.8	-4.0	0.0	0.0	5.9	-0.0	1.0	-16.8	-16.8

vert. Area Source, ISO 9613, Name: "Wet RDF Building South - Lower", ID: "WetRDFBldgSouthLOW"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595059.79	4791432.54	0.50	0	0	59.8	59.8	0.0	0.0	67.5	0.9	-3.8	0.0	0.0	12.1	-0.0	-0.0	-16.8	-16.8
2	595069.19	4791429.80	0.50	0	0	62.7	62.7	0.0	0.0	67.5	0.9	-4.3	0.0	0.0	18.0	-0.0	-0.0	-19.4	-19.4
3	595080.63	4791426.45	0.50	0	0	61.9	61.9	0.0	0.0	67.6	0.9	-3.9	0.0	0.0	19.8	-0.0	-0.0	-22.3	-22.3
4	595086.85	4791424.64	0.50	0	0	54.6	54.6	0.0	0.0	67.6	0.9	-3.1	0.0	0.0	8.2	-0.0	-0.0	-19.0	-19.0
5	595059.79	4791432.54	2.50	0	0	59.8	59.8	0.0	0.0	67.5	0.9	-3.5	0.0	0.0	12.0	-0.0	-0.0	-17.1	-17.1
6	595069.19	4791429.80	2.50	0	0	62.7	62.7	0.0	0.0	67.5	0.9	-3.7	0.0	0.0	17.8	-0.0	-0.0	-19.9	-19.9
7	595080.63	4791426.45	2.50	0	0	61.9	61.9	0.0	0.0	67.6	0.9	-3.7	0.0	0.0	19.5	-0.0	-0.0	-22.3	-22.3
8	595086.85	4791424.64	2.50	0	0	54.6	54.6	0.0	0.0	67.6	0.9	-3.2	0.0	0.0	7.2	-0.0	-0.0	-17.9	-17.9
9	595059.79	4791432.54	3.50	0	0	59.8	59.8	0.0	0.0	67.5	0.9	-3.4	0.0	0.0	11.9	-0.0	-0.0	-17.1	-17.1
10	595069.19	4791429.80	3.50	0	0	62.7	62.7	0.0	0.0	67.5	0.9	-3.6	0.0	0.0	17.7	-0.0	-0.0	-19.9	-19.9
11	595080.63	4791426.45	3.50	0	0	61.9	61.9	0.0	0.0	67.6	0.9	-3.6	0.0	0.0	19.4	-0.0	-0.0	-22.2	-22.2
12	595086.85	4791424.64	3.50	0	0	54.6	54.6	0.0	0.0	67.6	0.9	-3.2	0.0	0.0	6.8	-0.0	-0.0	-17.4	-17.4
13	595059.79	4791432.54	1.50	0	0	59.8	59.8	0.0	0.0	67.5	0.9	-3.6	0.0	0.0	12.0	-0.0	-0.0	-17.0	-17.0
14	595069.19	4791429.80	1.50	0	0	62.7	62.7	0.0	0.0	67.5	0.9	-3.8	0.0	0.0	17.9	-0.0	-0.0	-19.8	-19.8
15	595080.63	4791426.45	1.50	0	0	61.9	61.9	0.0	0.0	67.6	0.9	-3.8	0.0	0.0	19.6	-0.0	-0.0	-22.3	-22.3
16	595086.85	4791424.64	1.50	0	0	54.6	54.6	0.0	0.0	67.6	0.9	-3.1	0.0	0.0	7.7	-0.0	-0.0	-18.4	-18.4
17	595050.63	4791435.22	2.50	0	0	62.5	62.5	0.0	0.0	67.5	0.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	-2.7	-2.7
18	595050.63	4791435.22	1.50	0	0	62.5	62.5	0.0	0.0	67.5	0.9	-2.9	0.0	0.0	0.0	-0.0	-0.0	-2.9	-2.9
19	595050.63	4791435.22	0.50	0	0	62.5	62.5	0.0	0.0	67.5	0.9	-2.7	0.0	0.0	0.0	-0.0	-0.0	-3.2	-3.2
20	595050.63	4791435.22	3.50	0	0	62.5	62.5	0.0	0.0	67.5	0.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	-2.7	-2.7
21	595056.62	4791433.47	0.50	1	0	40.3	40.3	0.0	0.0	67.5	0.9	-2.8	0.0	0.0	0.0	-0.0	1.0	-26.3	-26.3
22	595056.62	4791433.47	2.50	1	0	40.3	40.3	0.0	0.0	67.5	0.9	-3.1	0.0	0.0	0.0	-0.0	1.0	-26.0	-26.0
23	595056.62	4791433.47	3.50	1	0	40.3	40.3	0.0	0.0	67.5	0.9	-3.1	0.0	0.0	0.0	-0.0	1.0	-26.0	-26.0
24	595056.62	4791433.47	1.50	1	0	40.3	40.3	0.0	0.0	67.5	0.9	-2.9	0.0	0.0	0.0	-0.0	1.0	-26.2	-26.2
25	595054.30	4791434.15	2.50	1	0	54.6	54.6	0.0	0.0	67.5	1.7	-3.5	0.0	0.0	0.0	-0.0	1.0	-12.1	-12.1
26	595046.78	4791436.35	2.50	1	0	32.4	32.4	0.0	0.0	67.8	6.8	-3.7	0.0	0.0	14.2	-0.0	1.0	-53.6	-53.6
27	595049.44	4791435.57	2.50	1	0	26.6	26.6	0.0	0.0	67.7	6.8	-3.8	0.0	0.0	25.0	-0.0	1.0	-70.2	-70.2
28	595054.30	4791434.15	1.50	1	0	54.6	54.6	0.0	0.0	67.5	1.7	-2.9	0.0	0.0	0.0	-0.0	1.0	-12.6	-12.6
29	595046.78	4791436.35	1.50	1	0	32.4	32.4	0.0	0.0	67.8	6.8	-3.8	0.0	0.0	15.5	-0.0	1.0	-54.7	-54.7
30	595049.44	4791435.57	1.50	1	0	26.6	26.6	0.0	0.0	67.7	6.8	-3.9	0.0	0.0	25.0	-0.0	1.0	-70.1	-70.1
31	595054.30	4791434.15	0.50	1	0	54.6	54.6	0.0	0.0	67.5	1.7	-1.9	0.0	0.0	0.0	-0.0	1.0	-13.6	-13.6
32	595046.78	4791436.35	0.50	1	0	32.4	32.4	0.0	0.0	67.8	6.8	-3.9	0.0	0.0	16.6	-0.0	1.0	-55.8	-55.8
33	595049.44	4791435.57	0.50	1	0	26.6	26.6	0.0	0.0	67.7	6.8	-4.0	0.0	0.0	25.0	-0.0	1.0	-70.0	-70.0
34	595054.30	4791434.15	3.50	1	0	54.6	54.6	0.0	0.0	67.5	1.7	-3.5	0.0	0.0	0.0	-0.0	1.0	-12.0	-12.0
35	595046.78	4791436.35	3.50	1	0	32.4	32.4	0.0	0.0	67.8	6.8	-3.7	0.0	0.0	12.9	-0.0	1.0	-52.3	-52.3
36	595049.44	4791435.57	3.50	1	0	26.6	26.6	0.0	0.0	67.7	6.8	-3.7	0.0	0.0	25.0	-0.0	1.0	-70.3	-70.3

vert. Area Source, ISO 9613, Name: "Wet RDF Building South- Upper", ID: "WetRDFBldgSouthUP"																			
Nr.	X (m)	Y (m)	Z (m)	Ref.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595050.89	4791435.15	12.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	18.7	18.7
2	595059.19	4791432.72	12.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-2.6	0.0	0.0	6.7	-0.0	-0.0	7.5	7.5
3	595050.89	4791435.15	3.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-3.0	0.0	0.0	0.0	-0.0	-0.0	19.3	19.3
4	595059.19	4791432.72	3.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-3.4	0.0	0.0	9.6	-0.0	-0.0	5.3	5.3
5	595050.89	4791435.15	0.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-3.1	0.0	0.0	0.0	-0.0	-0.0	19.4	19.4
6	595059.19	4791432.72	0.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-3.9	0.0	0.0	9.8	-0.0	-0.0	5.7	5.7
7	595050.89	4791435.15	13.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-2.3	0.0	0.0	0.0	-0.0	-0.0	18.6	18.6
8	595059.19	4791432.72	13.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-2.4	0.0	0.0	4.5	-0.0	-0.0	9.5	9.5
9	595050.89	4791435.15	10.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-2.6	0.0	0.0	0.0	-0.0	-0.0	18.9	18.9
10	595059.19	4791432.72	10.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-2.9	0.0	0.0	8.5	-0.0	-0.0	6.0	6.0
11	595050.89	4791435.15	11.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-2.5	0.0	0.0	0.0	-0.0	-0.0	18.9	18.9
12	595059.19	4791432.72	11.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-2.8	0.0	0.0	7.9	-0.0	-0.0	6.5	6.5
13	595050.89	4791435.15	5.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	19.2	19.2
14	595059.19	4791432.72	5.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-3.2	0.0	0.0	9.5	-0.0	-0.0	5.3	5.3
15	595050.89	4791435.15	6.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	19.2	19.2
16	595059.19	4791432.72	6.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-3.1	0.0	0.0	9.4	-0.0	-0.0	5.3	5.3
17	595050.89	4791435.15	9.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-2.7	0.0	0.0	0.0	-0.0	-0.0	19.1	19.1
18	595059.19	4791432.72	9.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-3.0	0.0	0.0	8.8	-0.0	-0.0	5.7	5.7
19	595050.89	4791435.15	8.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	19.1	19.1
20	595059.19	4791432.72	8.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-3.1	0.0	0.0	9.1	-0.0	-0.0	5.5	5.5
21	595050.89	4791435.15	7.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	19.2	19.2
22	595059.19	4791432.72	7.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-3.1	0.0	0.0	9.3	-0.0	-0.0	5.4	5.4
23	595050.89	4791435.15	1.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-3.0	0.0	0.0	0.0	-0.0	-0.0	19.4	19.4
24	595059.19	4791432.72	1.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-3.6	0.0	0.0	9.7	-0.0	-0.0	5.4	5.4
25	595050.89	4791435.15	4.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	19.2	19.2
26	595059.19	4791432.72	4.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-3.3	0.0	0.0	9.6	-0.0	-0.0	5.3	5.3
27	595050.89	4791435.15	2.50	0	0	84.2	84.2	0.0	0.0	67.5	0.5	-3.0	0.0	0.0	0.0	-0.0	-0.0	19.4	19.4
28	595059.19	4791432.72	2.50	0	0	79.5	79.5	0.0	0.0	67.5	0.5	-3.5	0.0	0.0	9.7	-0.0	-0.0	5.4	5.4
29	595062.14	4791431.86	13.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-2.3	0.0	0.0	6.1	-0.0	-0.0	4.0	4.0
30	595068.84	4791429.90	13.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-2.4	0.0	0.0	6.8	-0.0	-0.0	11.6	11.6
31	595062.14	4791431.86	12.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-2.7	0.0	0.0	8.7	-0.0	-0.0	1.7	1.7
32	595068.84	4791429.90	12.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-2.7	0.0	0.0	10.9	-0.0	-0.0	7.8	7.8
33	595062.14	4791431.86	11.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-2.9	0.0	0.0	10.3	-0.0	-0.0	0.2	0.2
34	595068.84	4791429.90	11.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-2.8	0.0	0.0	13.0	-0.0	-0.0	5.9	5.9
35	595062.14	4791431.86	10.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-3.0	0.0	0.0	11.2	-0.0	-0.0	-0.5	-0.5
36	595068.84	4791429.90	10.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-3.0	0.0	0.0	14.1	-0.0	-0.0	4.9	4.9
37	595062.14	4791431.86	9.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-3.1	0.0	0.0	11.8	-0.0	-0.0	-1.0	-1.0
38	595068.84	4791429.90	9.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-3.1	0.0	0.0	14.8	-0.0	-0.0	4.3	4.3
39	595062.14	4791431.86	4.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-3.4	0.0	0.0	12.9	-0.0	-0.0	-1.8	-1.8
40	595068.84	4791429.90	4.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-3.5	0.0	0.0	16.2	-0.0	-0.0	3.3	3.3
41	595062.14	4791431.86	5.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-3.3	0.0	0.0	12.8	-0.0	-0.0	-1.8	-1.8
42	595068.84	4791429.90	5.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-3.4	0.0	0.0	16.1	-0.0	-0.0	3.3	3.3
43	595062.14	4791431.86	6.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-3.3	0.0	0.0	12.6	-0.0	-0.0	-1.7	-1.7
44	595068.84	4791429.90	6.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-3.3	0.0	0.0	15.9	-0.0	-0.0	3.4	3.4
45	595062.14	4791431.86	7.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-3.2	0.0	0.0	12.4	-0.0	-0.0	-1.5	-1.5
46	595068.84	4791429.90	7.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-3.3	0.0	0.0	15.6	-0.0	-0.0	3.6	3.6
47	595062.14	4791431.86	8.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-3.2	0.0	0.0	12.1	-0.0	-0.0	-1.3	-1.3
48	595068.84	4791429.90	8.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-3.2	0.0	0.0	15.3	-0.0	-0.0	3.9	3.9
49	595062.14	4791431.86	1.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-3.9	0.0	0.0	13.2	-0.0	-0.0	-1.6	-1.6
50	595068.84	4791429.90	1.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-3.9	0.0	0.0	16.6	-0.0	-0.0	3.3	3.3
51	595062.14	4791431.86	2.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-3.7	0.0	0.0	13.1	-0.0	-0.0	-1.7	-1.7
52	595068.84	4791429.90	2.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-3.7	0.0	0.0	16.5	-0.0	-0.0	3.2	3.2
53	595062.14	4791431.86	3.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-3.6	0.0	0.0	13.0	-0.0	-0.0	-1.8	-1.8
54	595068.84	4791429.90	3.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-3.6	0.0	0.0	16.4	-0.0	-0.0	3.3	3.3
55	595062.14	4791431.86	0.50	0	0	75.6	75.6	0.0	0.0	67.5	0.5	-4.3	0.0	0.0	13.3	-0.0	-0.0	-1.3	-1.3
56	595068.84	4791429.90	0.50	0	0	84.0	84.0	0.0	0.0	67.5	0.5	-4.2	0.0	0.0	16.7	-0.0	-0.0	3.6	3.6
57	595080.27	4791426.56	0.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-4.2	0.0	0.0	18.7	-0.0	-0.0	1.3	1.3
58	595086.85	4791424.64	0.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-3.4	0.0	0.0	7.1	-0.0	-0.0	4.5	4.5
59	595080.27	4791426.56	11.50	0	0	83.8	83.8	0.0	0.0	67.6	0.5	-2.9	0.0	0.0	13.9	-0.0	-0.0	4.7	4.7
60	595086.85	4791424.64	11.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-2.6	0.0	0.0	4.8	-0.0	-0.0	6.0	6.0
61	595080.27	4791426.56	12.50	0	0	83.8	83.8	0.0	0.0	67.6	0.5	-2.7	0.0	0.0	12.2	-0.0	-0.0	6.3	6.3
62	595086.85	4791424.64	12.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-2.4	0.0	0.0	4.8	-0.0	-0.0	5.9	5.9
63	595080.27	4791426.56	9.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-3.1	0.0	0.0	16.1	-0.0	-0.0	2.8	2.8
64	595086.85	4791424.64	9.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-2.8	0.0	0.0	4.7	-0.0	-0.0	6.2	6.2
65	595080.27	4791426.56	7.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-3.3	0.0	0.0	17.2	-0.0	-0.0	1.9	1.9
66	595086.85	4791424.64	7.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-2.9	0.0	0.0	4.9	-0.0	-0.0	6.1	6.1
67	595080.27	4791426.56	8.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-3.2	0.0	0.0	16.7	-0.0	-0.0	2.3	2.3

vert. Area Source, ISO 9613, Name: "Wet RDF Building South- Upper", ID: "WetRDFBldgSouthUP"																			
Nr.	X (m)	Y (m)	Z (m)	Ref.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	LrT dB(A)	LrN dB(A)
68	595086.85	4791424.64	8.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-2.8	0.0	0.0	4.8	-0.0	-0.0	6.2	6.2
69	595080.27	4791426.56	10.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-3.0	0.0	0.0	15.2	-0.0	-0.0	3.6	3.6
70	595086.85	4791424.64	10.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-2.7	0.0	0.0	4.7	-0.0	-0.0	6.1	6.1
71	595080.27	4791426.56	13.50	0	0	83.8	83.8	0.0	0.0	67.6	0.5	-2.4	0.0	0.0	7.1	-0.0	-0.0	11.1	11.1
72	595086.85	4791424.64	13.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-2.3	0.0	0.0	4.8	-0.0	-0.0	5.7	5.7
73	595080.27	4791426.56	1.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-3.9	0.0	0.0	18.6	-0.0	-0.0	1.1	1.1
74	595086.85	4791424.64	1.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-3.3	0.0	0.0	6.7	-0.0	-0.0	4.8	4.8
75	595080.27	4791426.56	2.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-3.7	0.0	0.0	18.4	-0.0	-0.0	1.1	1.1
76	595086.85	4791424.64	2.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-3.2	0.0	0.0	6.3	-0.0	-0.0	5.1	5.1
77	595080.27	4791426.56	3.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-3.6	0.0	0.0	18.2	-0.0	-0.0	1.2	1.2
78	595086.85	4791424.64	3.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-3.2	0.0	0.0	5.9	-0.0	-0.0	5.4	5.4
79	595080.27	4791426.56	6.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-3.3	0.0	0.0	17.5	-0.0	-0.0	1.6	1.6
80	595086.85	4791424.64	6.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-2.9	0.0	0.0	5.1	-0.0	-0.0	6.0	6.0
81	595080.27	4791426.56	4.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-3.6	0.0	0.0	18.1	-0.0	-0.0	1.3	1.3
82	595086.85	4791424.64	4.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-3.1	0.0	0.0	5.6	-0.0	-0.0	5.7	5.7
83	595080.27	4791426.56	5.50	0	0	83.8	83.8	0.0	0.0	67.5	0.5	-3.4	0.0	0.0	17.8	-0.0	-0.0	1.4	1.4
84	595086.85	4791424.64	5.50	0	0	76.2	76.2	0.0	0.0	67.6	0.5	-3.0	0.0	0.0	5.3	-0.0	-0.0	5.8	5.8
85	595054.34	4791434.14	12.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-2.6	0.0	0.0	0.0	-0.0	1.0	3.5	3.5
86	595046.78	4791436.35	12.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-2.8	0.0	0.0	4.8	-0.0	1.0	-24.1	-24.1
87	595049.44	4791435.57	12.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-2.8	0.0	0.0	5.7	-0.0	1.0	-30.9	-30.9
88	595054.34	4791434.14	3.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-3.5	0.0	0.0	0.0	-0.0	1.0	4.4	4.4
89	595046.78	4791436.35	3.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.7	0.0	0.0	12.9	-0.0	1.0	-31.3	-31.3
90	595049.44	4791435.57	3.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-3.7	0.0	0.0	25.0	-0.0	1.0	-49.2	-49.2
91	595054.34	4791434.14	0.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-2.0	0.0	0.0	0.0	-0.0	1.0	2.9	2.9
92	595046.78	4791436.35	0.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.9	0.0	0.0	16.6	-0.0	1.0	-34.8	-34.8
93	595049.44	4791435.57	0.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-4.0	0.0	0.0	25.0	-0.0	1.0	-48.9	-48.9
94	595054.34	4791434.14	13.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-2.5	0.0	0.0	0.0	-0.0	1.0	3.4	3.4
95	595046.78	4791436.35	13.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-2.7	0.0	0.0	4.8	-0.0	1.0	-24.2	-24.2
96	595049.44	4791435.57	13.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-2.7	0.0	0.0	4.8	-0.0	1.0	-30.1	-30.1
97	595054.34	4791434.14	10.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-2.8	0.0	0.0	0.0	-0.0	1.0	3.7	3.7
98	595046.78	4791436.35	10.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.0	0.0	0.0	4.9	-0.0	1.0	-24.0	-24.0
99	595049.44	4791435.57	10.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-3.0	0.0	0.0	13.1	-0.0	1.0	-38.0	-38.0
100	595054.34	4791434.14	11.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-2.7	0.0	0.0	0.0	-0.0	1.0	3.6	3.6
101	595046.78	4791436.35	11.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-2.9	0.0	0.0	4.8	-0.0	1.0	-24.1	-24.1
102	595049.44	4791435.57	11.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-2.9	0.0	0.0	9.2	-0.0	1.0	-34.2	-34.2
103	595054.34	4791434.14	5.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-3.3	0.0	0.0	0.0	-0.0	1.0	4.2	4.2
104	595046.78	4791436.35	5.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.5	0.0	0.0	9.9	-0.0	1.0	-28.5	-28.5
105	595049.44	4791435.57	5.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-3.5	0.0	0.0	23.9	-0.0	1.0	-48.3	-48.3
106	595054.34	4791434.14	6.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-3.2	0.0	0.0	0.0	-0.0	1.0	4.1	4.1
107	595046.78	4791436.35	6.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.4	0.0	0.0	8.4	-0.0	1.0	-27.1	-27.1
108	595049.44	4791435.57	6.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-3.4	0.0	0.0	22.4	-0.0	1.0	-47.0	-47.0
109	595054.34	4791434.14	9.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-2.9	0.0	0.0	0.0	-0.0	1.0	3.8	3.8
110	595046.78	4791436.35	9.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.1	0.0	0.0	5.2	-0.0	1.0	-24.3	-24.3
111	595049.44	4791435.57	9.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-3.1	0.0	0.0	16.2	-0.0	1.0	-41.1	-41.1
112	595054.34	4791434.14	8.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-3.0	0.0	0.0	0.0	-0.0	1.0	3.9	3.9
113	595046.78	4791436.35	8.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.2	0.0	0.0	5.9	-0.0	1.0	-24.8	-24.8
114	595049.44	4791435.57	8.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-3.2	0.0	0.0	18.7	-0.0	1.0	-43.5	-43.5
115	595054.34	4791434.14	7.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-3.1	0.0	0.0	0.0	-0.0	1.0	4.0	4.0
116	595046.78	4791436.35	7.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.3	0.0	0.0	7.0	-0.0	1.0	-25.8	-25.8
117	595049.44	4791435.57	7.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-3.3	0.0	0.0	20.8	-0.0	1.0	-45.4	-45.4
118	595054.34	4791434.14	1.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-3.0	0.0	0.0	0.0	-0.0	1.0	3.9	3.9
119	595046.78	4791436.35	1.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.8	0.0	0.0	15.5	-0.0	1.0	-33.7	-33.7
120	595049.44	4791435.57	1.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-3.9	0.0	0.0	25.0	-0.0	1.0	-49.1	-49.1
121	595054.34	4791434.14	4.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-3.4	0.0	0.0	0.0	-0.0	1.0	4.3	4.3
122	595046.78	4791436.35	4.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.6	0.0	0.0	11.4	-0.0	1.0	-29.9	-29.9
123	595049.44	4791435.57	4.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-3.6	0.0	0.0	25.0	-0.0	1.0	-49.3	-49.3
124	595054.34	4791434.14	2.50	1	0	71.2	71.2	0.0	0.0	67.5	1.8	-3.5	0.0	0.0	0.0	-0.0	1.0	4.4	4.4
125	595046.78	4791436.35	2.50	1	0	53.6	53.6	0.0	0.0	67.8	7.0	-3.7	0.0	0.0	14.2	-0.0	1.0	-32.6	-32.6
126	595049.44	4791435.57	2.50	1	0	47.8	47.8	0.0	0.0	67.7	7.0	-3.8	0.0	0.0	25.0	-0.0	1.0	-49.2	-49.2

vert. Area Source, ISO 9613, Name: "Fuel Preperation Building North", ID: "FuelPrepBldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Ref.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	LrT dB(A)	LrN dB(A)
1	595106.26	4791513.57	0.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-3.9	0.0	0.0	23.6	-0.0	-0.0	-13.9	-13.9
2	595093.67	4791517.15	0.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-3.9	0.0	0.0	23.4	-0.0	-0.0	-12.5	-12.5
3	595081.66	4791520.56	0.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-3.9	0.0	0.0	23.4	-0.0	-0.0	-14.2	-14.2
4	595076.73	4791521.96	0.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-4.1	0.0	0.0	23.4	-0.0	-0.0	-29.6	-29.6
5	595106.26	4791513.57	1.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-4.0	0.0	0.0	23.4	-0.0	-0.0	-13.7	-13.7

vert. Area Source, ISO 9613, Name: "Fuel Preparation Building North", ID: "FuelPrepBldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahaus dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
6	595093.67	4791517.15	1.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-4.0	0.0	0.0	23.3	-0.0	-0.0	-12.3	-12.3
7	595081.66	4791520.56	1.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-4.0	0.0	0.0	23.2	-0.0	-0.0	-13.9	-13.9
8	595076.73	4791521.96	1.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-4.0	0.0	0.0	23.2	-0.0	-0.0	-29.5	-29.5
9	595106.26	4791513.57	13.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-2.5	0.0	0.0	12.2	-0.0	-0.0	-3.9	-3.9
10	595093.67	4791517.15	13.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-2.6	0.0	0.0	12.0	-0.0	-0.0	-2.4	-2.4
11	595081.66	4791520.56	13.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-2.5	0.0	0.0	11.9	-0.0	-0.0	-4.1	-4.1
12	595076.73	4791521.96	13.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-2.5	0.0	0.0	11.8	-0.0	-0.0	-19.7	-19.7
13	595106.26	4791513.57	8.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-3.1	0.0	0.0	21.3	-0.0	-0.0	-12.4	-12.4
14	595093.67	4791517.15	8.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-3.1	0.0	0.0	21.2	-0.0	-0.0	-11.0	-11.0
15	595081.66	4791520.56	8.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-3.0	0.0	0.0	21.2	-0.0	-0.0	-12.8	-12.8
16	595076.73	4791521.96	8.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-3.0	0.0	0.0	21.1	-0.0	-0.0	-28.4	-28.4
17	595106.26	4791513.57	2.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-3.9	0.0	0.0	23.2	-0.0	-0.0	-13.6	-13.6
18	595093.67	4791517.15	2.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-3.9	0.0	0.0	23.1	-0.0	-0.0	-12.2	-12.2
19	595081.66	4791520.56	2.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-3.8	0.0	0.0	23.1	-0.0	-0.0	-13.9	-13.9
20	595076.73	4791521.96	2.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-3.9	0.0	0.0	23.0	-0.0	-0.0	-29.5	-29.5
21	595106.26	4791513.57	3.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-3.8	0.0	0.0	23.0	-0.0	-0.0	-13.5	-13.5
22	595093.67	4791517.15	3.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-3.8	0.0	0.0	22.9	-0.0	-0.0	-12.2	-12.2
23	595081.66	4791520.56	3.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-3.7	0.0	0.0	22.9	-0.0	-0.0	-13.9	-13.9
24	595076.73	4791521.96	3.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-3.7	0.0	0.0	22.8	-0.0	-0.0	-29.5	-29.5
25	595106.26	4791513.57	4.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-3.6	0.0	0.0	22.8	-0.0	-0.0	-13.5	-13.5
26	595093.67	4791517.15	4.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-3.5	0.0	0.0	22.7	-0.0	-0.0	-12.1	-12.1
27	595081.66	4791520.56	4.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-3.5	0.0	0.0	22.6	-0.0	-0.0	-13.9	-13.9
28	595076.73	4791521.96	4.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-3.5	0.0	0.0	22.6	-0.0	-0.0	-29.5	-29.5
29	595106.26	4791513.57	5.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-3.4	0.0	0.0	22.8	-0.0	-0.0	-13.6	-13.6
30	595093.67	4791517.15	5.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-3.4	0.0	0.0	22.4	-0.0	-0.0	-12.0	-12.0
31	595081.66	4791520.56	5.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-3.3	0.0	0.0	22.3	-0.0	-0.0	-13.7	-13.7
32	595076.73	4791521.96	5.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-3.3	0.0	0.0	22.3	-0.0	-0.0	-29.3	-29.3
33	595106.26	4791513.57	12.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-2.7	0.0	0.0	16.1	-0.0	-0.0	-7.7	-7.7
34	595093.67	4791517.15	12.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-2.7	0.0	0.0	16.0	-0.0	-0.0	-6.3	-6.3
35	595081.66	4791520.56	12.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-2.6	0.0	0.0	16.0	-0.0	-0.0	-8.0	-8.0
36	595076.73	4791521.96	12.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-2.6	0.0	0.0	15.9	-0.0	-0.0	-23.7	-23.7
37	595106.26	4791513.57	6.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-3.3	0.0	0.0	22.4	-0.0	-0.0	-13.3	-13.3
38	595093.67	4791517.15	6.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-3.3	0.0	0.0	22.3	-0.0	-0.0	-12.0	-12.0
39	595081.66	4791520.56	6.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-3.2	0.0	0.0	21.9	-0.0	-0.0	-13.4	-13.4
40	595076.73	4791521.96	6.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-3.2	0.0	0.0	21.9	-0.0	-0.0	-29.0	-29.0
41	595106.26	4791513.57	11.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-2.8	0.0	0.0	18.2	-0.0	-0.0	-9.6	-9.6
42	595093.67	4791517.15	11.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-2.8	0.0	0.0	18.0	-0.0	-0.0	-8.2	-8.2
43	595081.66	4791520.56	11.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-2.7	0.0	0.0	18.0	-0.0	-0.0	-10.0	-10.0
44	595076.73	4791521.96	11.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-2.7	0.0	0.0	18.0	-0.0	-0.0	-25.6	-25.6
45	595106.26	4791513.57	7.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-3.2	0.0	0.0	21.9	-0.0	-0.0	-12.9	-12.9
46	595093.67	4791517.15	7.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-3.2	0.0	0.0	21.8	-0.0	-0.0	-11.5	-11.5
47	595081.66	4791520.56	7.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-3.1	0.0	0.0	21.8	-0.0	-0.0	-13.3	-13.3
48	595076.73	4791521.96	7.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-3.1	0.0	0.0	21.8	-0.0	-0.0	-29.0	-29.0
49	595106.26	4791513.57	9.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-3.0	0.0	0.0	20.5	-0.0	-0.0	-11.8	-11.8
50	595093.67	4791517.15	9.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-3.0	0.0	0.0	20.4	-0.0	-0.0	-10.4	-10.4
51	595081.66	4791520.56	9.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-2.9	0.0	0.0	20.4	-0.0	-0.0	-12.2	-12.2
52	595076.73	4791521.96	9.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-2.9	0.0	0.0	20.4	-0.0	-0.0	-27.8	-27.8
53	595106.26	4791513.57	10.50	0	0	75.3	75.3	0.0	0.0	68.6	1.0	-2.9	0.0	0.0	19.5	-0.0	-0.0	-10.9	-10.9
54	595093.67	4791517.15	10.50	0	0	76.6	76.6	0.0	0.0	68.6	1.0	-2.9	0.0	0.0	19.4	-0.0	-0.0	-9.4	-9.4
55	595081.66	4791520.56	10.50	0	0	74.8	74.8	0.0	0.0	68.6	1.0	-2.8	0.0	0.0	19.4	-0.0	-0.0	-11.2	-11.2
56	595076.73	4791521.96	10.50	0	0	59.2	59.2	0.0	0.0	68.6	1.0	-2.8	0.0	0.0	19.4	-0.0	-0.0	-26.9	-26.9
57	595073.22	4791522.95	13.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-2.5	0.0	0.0	11.8	-0.0	-0.0	-5.6	-5.6
58	595073.22	4791522.95	12.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-2.6	0.0	0.0	16.0	-0.0	-0.0	-9.6	-9.6
59	595073.22	4791522.95	11.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-2.7	0.0	0.0	18.0	-0.0	-0.0	-11.5	-11.5
60	595073.22	4791522.95	10.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-2.8	0.0	0.0	19.4	-0.0	-0.0	-12.7	-12.7
61	595073.22	4791522.95	9.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-2.9	0.0	0.0	20.4	-0.0	-0.0	-13.7	-13.7
62	595073.22	4791522.95	8.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-3.0	0.0	0.0	21.2	-0.0	-0.0	-14.3	-14.3
63	595073.22	4791522.95	7.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-3.1	0.0	0.0	21.8	-0.0	-0.0	-14.9	-14.9
64	595073.22	4791522.95	6.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-3.2	0.0	0.0	21.9	-0.0	-0.0	-14.9	-14.9
65	595073.22	4791522.95	5.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-3.3	0.0	0.0	22.3	-0.0	-0.0	-15.2	-15.2
66	595073.22	4791522.95	4.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-3.5	0.0	0.0	22.6	-0.0	-0.0	-15.3	-15.3
67	595073.22	4791522.95	3.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-3.7	0.0	0.0	22.8	-0.0	-0.0	-15.3	-15.3
68	595073.22	4791522.95	2.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-3.8	0.0	0.0	23.0	-0.0	-0.0	-15.4	-15.4
69	595073.22	4791522.95	1.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-4.0	0.0	0.0	23.2	-0.0	-0.0	-15.4	-15.4
70	595073.22	4791522.95	0.50	0	0	73.3	73.3	0.0	0.0	68.5	1.0	-3.9	0.0	0.0	23.3	-0.0	-0.0	-15.6	-15.6

vert. Area Source, ISO 9613, Name: "WasteStorage Building West - Upper", ID: "WasteStorBldgWestUpper"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595007.79	4791520.45	5.50	0	0	83.0	83.0	0.0	0.0	68.2	0.5	-3.3	0.0	0.0	4.7	-0.0	-0.0	12.8	12.8
2	594997.54	4791486.01	5.50	0	0	85.5	85.5	0.0	0.0	67.8	0.5	-3.1	0.0	0.0	2.6	-0.0	-0.0	17.7	17.7
3	595007.79	4791520.45	8.50	0	0	83.0	83.0	0.0	0.0	68.2	0.5	-3.1	0.0	0.0	4.3	-0.0	-0.0	13.1	13.1
4	594997.54	4791486.01	8.50	0	0	85.5	85.5	0.0	0.0	67.8	0.5	-2.9	0.0	0.0	2.4	-0.0	-0.0	17.7	17.7
5	595007.79	4791520.45	4.50	0	0	83.0	83.0	0.0	0.0	68.2	0.5	-3.4	0.0	0.0	4.9	-0.0	-0.0	12.7	12.7
6	594997.54	4791486.01	4.50	0	0	85.5	85.5	0.0	0.0	67.8	0.5	-3.1	0.0	0.0	2.7	-0.0	-0.0	17.7	17.7
7	595007.79	4791520.45	6.50	0	0	83.0	83.0	0.0	0.0	68.2	0.5	-3.2	0.0	0.0	4.6	-0.0	-0.0	12.9	12.9
8	594997.54	4791486.01	6.50	0	0	85.5	85.5	0.0	0.0	67.8	0.5	-3.0	0.0	0.0	2.5	-0.0	-0.0	17.7	17.7
9	595007.79	4791520.45	7.50	0	0	83.0	83.0	0.0	0.0	68.2	0.5	-3.2	0.0	0.0	4.4	-0.0	-0.0	13.0	13.0
10	594997.54	4791486.01	7.50	0	0	85.5	85.5	0.0	0.0	67.8	0.5	-3.0	0.0	0.0	2.5	-0.0	-0.0	17.7	17.7
11	595007.79	4791520.45	13.50	0	0	83.0	83.0	0.0	0.0	68.2	0.5	-2.5	0.0	0.0	0.5	-0.0	-0.0	16.3	16.3
12	594997.54	4791486.01	13.50	0	0	85.5	85.5	0.0	0.0	67.8	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	19.6	19.6
13	595007.79	4791520.45	11.50	0	0	83.0	83.0	0.0	0.0	68.2	0.5	-2.7	0.0	0.0	0.7	-0.0	-0.0	16.3	16.3
14	594997.54	4791486.01	11.50	0	0	85.5	85.5	0.0	0.0	67.8	0.5	-2.6	0.0	0.0	0.0	-0.0	-0.0	19.8	19.8
15	595007.79	4791520.45	9.50	0	0	83.0	83.0	0.0	0.0	68.2	0.5	-3.0	0.0	0.0	4.1	-0.0	-0.0	13.2	13.2
16	594997.54	4791486.01	9.50	0	0	85.5	85.5	0.0	0.0	67.8	0.5	-2.9	0.0	0.0	2.4	-0.0	-0.0	17.6	17.6
17	595007.79	4791520.45	10.50	0	0	83.0	83.0	0.0	0.0	68.2	0.5	-2.9	0.0	0.0	3.6	-0.0	-0.0	13.6	13.6
18	595002.66	4791503.22	10.50	0	0	78.8	78.8	0.0	0.0	68.0	0.5	-2.8	0.0	0.0	4.8	-0.0	-0.0	8.4	8.4
19	594999.96	4791494.16	10.50	0	0	78.3	78.3	0.0	0.0	67.9	0.5	-2.8	0.0	0.0	4.8	-0.0	-0.0	7.9	7.9
20	594994.84	4791476.94	10.50	0	0	83.1	83.1	0.0	0.0	67.7	0.5	-2.7	0.0	0.0	0.0	-0.0	-0.0	17.7	17.7
21	595007.79	4791520.45	12.50	0	0	83.0	83.0	0.0	0.0	68.2	0.5	-2.6	0.0	0.0	0.6	-0.0	-0.0	16.3	16.3
22	594997.54	4791486.01	12.50	0	0	85.5	85.5	0.0	0.0	67.8	0.5	-2.5	0.0	0.0	0.0	-0.0	-0.0	19.7	19.7
23	594989.30	4791458.32	6.50	0	0	79.6	79.6	0.0	0.0	67.4	0.5	-2.9	0.0	0.0	2.6	-0.0	-0.0	12.0	12.0
24	594989.30	4791458.32	4.50	0	0	79.6	79.6	0.0	0.0	67.4	0.5	-3.1	0.0	0.0	3.3	-0.0	-0.0	11.5	11.5
25	594989.30	4791458.32	7.50	0	0	79.6	79.6	0.0	0.0	67.4	0.5	-2.9	0.0	0.0	2.3	-0.0	-0.0	12.3	12.3
26	594989.30	4791458.32	10.50	0	0	79.6	79.6	0.0	0.0	67.4	0.5	-2.7	0.0	0.0	0.0	-0.0	-0.0	14.4	14.4
27	594989.30	4791458.32	9.50	0	0	79.6	79.6	0.0	0.0	67.4	0.5	-2.8	0.0	0.0	2.0	-0.0	-0.0	12.5	12.5
28	594989.30	4791458.32	11.50	0	0	79.6	79.6	0.0	0.0	67.4	0.5	-2.5	0.0	0.0	0.0	-0.0	-0.0	14.3	14.3
29	594989.30	4791458.32	13.50	0	0	79.6	79.6	0.0	0.0	67.4	0.5	-2.3	0.0	0.0	0.0	-0.0	-0.0	14.0	14.0
30	594989.30	4791458.32	12.50	0	0	79.6	79.6	0.0	0.0	67.4	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	14.1	14.1
31	594989.30	4791458.32	5.50	0	0	79.6	79.6	0.0	0.0	67.4	0.5	-3.0	0.0	0.0	3.0	-0.0	-0.0	11.7	11.7
32	594989.30	4791458.32	8.50	0	0	79.6	79.6	0.0	0.0	67.4	0.5	-2.8	0.0	0.0	2.0	-0.0	-0.0	12.5	12.5

vert. Area Source, ISO 9613, Name: "Waste Storage Building South- Lower", ID: "WasteStorBldgSouthLow"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595023.28	4791442.57	2.50	0	0	61.5	61.5	0.0	0.0	67.4	0.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	-3.6	-3.6
2	595040.11	4791437.84	2.50	0	0	56.8	56.8	0.0	0.0	67.4	0.9	-3.2	0.0	0.0	0.0	-0.0	-0.0	-8.3	-8.3
3	595023.28	4791442.57	3.50	0	0	61.5	61.5	0.0	0.0	67.4	0.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	-3.6	-3.6
4	595040.11	4791437.84	3.50	0	0	56.8	56.8	0.0	0.0	67.4	0.9	-3.2	0.0	0.0	0.0	-0.0	-0.0	-8.4	-8.4
5	595023.28	4791442.57	1.50	0	0	61.5	61.5	0.0	0.0	67.4	0.9	-2.9	0.0	0.0	0.0	-0.0	-0.0	-3.8	-3.8
6	595040.11	4791437.84	1.50	0	0	56.8	56.8	0.0	0.0	67.4	0.9	-3.0	0.0	0.0	0.0	-0.0	-0.0	-8.6	-8.6
7	595023.28	4791442.57	0.50	0	0	61.5	61.5	0.0	0.0	67.4	0.9	-2.5	0.0	0.0	0.0	-0.0	-0.0	-4.3	-4.3
8	595040.11	4791437.84	0.50	0	0	56.8	56.8	0.0	0.0	67.4	0.9	-2.7	0.0	0.0	0.0	-0.0	-0.0	-8.8	-8.8
9	594995.27	4791450.48	1.50	0	0	59.4	59.4	0.0	0.0	67.3	0.9	-2.9	0.0	0.0	0.0	-0.0	-0.0	-6.0	-6.0
10	595006.80	4791447.21	1.50	0	0	56.4	56.4	0.0	0.0	67.4	0.9	-2.9	0.0	0.0	0.0	-0.0	-0.0	-8.9	-8.9
11	594995.27	4791450.48	0.50	0	0	59.4	59.4	0.0	0.0	67.3	0.9	-2.4	0.0	0.0	0.0	-0.0	-0.0	-6.4	-6.4
12	595006.80	4791447.21	0.50	0	0	56.4	56.4	0.0	0.0	67.4	0.9	-2.6	0.0	0.0	0.0	-0.0	-0.0	-9.2	-9.2
13	594995.27	4791450.48	3.50	0	0	59.4	59.4	0.0	0.0	67.3	0.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	-5.8	-5.8
14	595006.80	4791447.21	3.50	0	0	56.4	56.4	0.0	0.0	67.4	0.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	-8.7	-8.7
15	594995.27	4791450.48	2.50	0	0	59.4	59.4	0.0	0.0	67.3	0.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	-5.8	-5.8
16	595006.80	4791447.21	2.50	0	0	56.4	56.4	0.0	0.0	67.4	0.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	-8.7	-8.7
17	595022.93	4791442.67	2.50	1	0	15.4	15.4	0.0	0.0	67.5	21.9	-3.6	0.0	0.0	0.0	-0.0	1.0	-71.4	-71.4
18	595042.10	4791437.28	2.50	1	0	28.9	28.9	0.0	0.0	67.8	6.8	-3.8	0.0	0.0	14.2	-0.0	1.0	-57.1	-57.1
19	595022.93	4791442.67	3.50	1	0	15.4	15.4	0.0	0.0	67.5	21.9	-3.5	0.0	0.0	0.0	-0.0	1.0	-71.5	-71.5
20	595042.10	4791437.28	3.50	1	0	28.9	28.9	0.0	0.0	67.8	6.8	-3.7	0.0	0.0	12.9	-0.0	1.0	-55.8	-55.8
21	595022.93	4791442.67	1.50	1	0	15.4	15.4	0.0	0.0	67.5	21.9	-3.8	0.0	0.0	0.0	-0.0	1.0	-71.3	-71.3
22	595042.10	4791437.28	1.50	1	0	28.9	28.9	0.0	0.0	67.8	6.8	-3.8	0.0	0.0	15.5	-0.0	1.0	-58.2	-58.2
23	595022.93	4791442.67	0.50	1	0	15.4	15.4	0.0	0.0	67.5	21.9	-3.8	0.0	0.0	0.0	-0.0	1.0	-71.2	-71.2
24	595042.10	4791437.28	0.50	1	0	28.9	28.9	0.0	0.0	67.8	6.8	-4.0	0.0	0.0	16.6	-0.0	1.0	-59.2	-59.2
25	594995.27	4791450.48	1.50	1	0	-1.9	-1.9	0.0	0.0	67.4	77.6	-3.7	0.0	0.0	25.0	-0.0	17.1	-185.2	-185.2
26	595006.80	4791447.21	1.50	1	0	-4.8	-4.8	0.0	0.0	67.6	78.9	-3.8	0.0	0.0	25.0	-0.0	18.8	-191.3	-191.3
27	594995.27	4791450.48	0.50	1	0	-1.9	-1.9	0.0	0.0	67.4	77.6	-3.8	0.0	0.0	25.0	-0.0	17.1	-185.2	-185.2
28	595006.80	4791447.21	0.50	1	0	-4.8	-4.8	0.0	0.0	67.6	78.9	-3.8	0.0	0.0	25.0	-0.0	18.8	-191.2	-191.2
29	594995.27	4791450.48	3.50	1	0	-1.9	-1.9	0.0	0.0	67.4	77.6	-3.5	0.0	0.0	25.0	-0.0	17.1	-185.5	-185.5
30	595006.80	4791447.21	3.50	1	0	-4.8	-4.8	0.0	0.0	67.6	78.9	-3.5	0.0	0.0	23.3	-0.0	18.8	-189.8	-189.8
31	594995.27	4791450.48	2.50	1	0	-1.9	-1.9	0.0	0.0	67.4	77.6	-3.6	0.0	0.0	25.0	-0.0	17.1	-185.4	-185.4
32	595006.80	4791447.21	2.50	1	0	-4.8	-4.8	0.0	0.0	67.6	78.9	-3.6	0.0	0.0	25.0	-0.0	18.8	-191.4	-191.4

vert. Area Source, ISO 9613, Name: "Waste Storage Building South - Upper", ID: "WasteStorageBldgSouthUP"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	594995.27	4791450.48	9.50	0	0	80.8	80.8	0.0	0.0	67.3	0.5	-2.7	0.0	0.0	0.0	-0.0	-0.0	15.7	15.7
2	595009.64	4791446.42	9.50	0	0	80.3	80.3	0.0	0.0	67.4	0.5	-2.7	0.0	0.0	0.0	-0.0	-0.0	15.2	15.2
3	594995.27	4791450.48	10.50	0	0	80.8	80.8	0.0	0.0	67.3	0.5	-2.6	0.0	0.0	0.0	-0.0	-0.0	15.6	15.6
4	595009.64	4791446.42	10.50	0	0	80.3	80.3	0.0	0.0	67.4	0.5	-2.6	0.0	0.0	0.0	-0.0	-0.0	15.1	15.1
5	594995.27	4791450.48	11.50	0	0	80.8	80.8	0.0	0.0	67.3	0.5	-2.5	0.0	0.0	0.0	-0.0	-0.0	15.5	15.5
6	595009.64	4791446.42	11.50	0	0	80.3	80.3	0.0	0.0	67.4	0.5	-2.5	0.0	0.0	0.0	-0.0	-0.0	14.9	14.9
7	594995.27	4791450.48	12.50	0	0	80.8	80.8	0.0	0.0	67.3	0.5	-2.3	0.0	0.0	0.0	-0.0	-0.0	15.4	15.4
8	595009.64	4791446.42	12.50	0	0	80.3	80.3	0.0	0.0	67.4	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	14.8	14.8
9	594995.27	4791450.48	13.50	0	0	80.8	80.8	0.0	0.0	67.3	0.5	-2.2	0.0	0.0	0.0	-0.0	-0.0	15.3	15.3
10	595009.64	4791446.42	13.50	0	0	80.3	80.3	0.0	0.0	67.4	0.5	-2.2	0.0	0.0	0.0	-0.0	-0.0	14.7	14.7
11	594995.27	4791450.48	7.50	0	0	80.8	80.8	0.0	0.0	67.3	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	15.9	15.9
12	595009.64	4791446.42	7.50	0	0	80.3	80.3	0.0	0.0	67.4	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	15.3	15.3
13	594995.27	4791450.48	8.50	0	0	80.8	80.8	0.0	0.0	67.3	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	15.8	15.8
14	595009.64	4791446.42	8.50	0	0	80.3	80.3	0.0	0.0	67.4	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	15.2	15.2
15	594995.27	4791450.48	6.50	0	0	80.8	80.8	0.0	0.0	67.3	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	15.9	15.9
16	595009.64	4791446.42	6.50	0	0	80.3	80.3	0.0	0.0	67.4	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	15.3	15.3
17	594995.27	4791450.48	5.50	0	0	80.8	80.8	0.0	0.0	67.3	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	15.9	15.9
18	595009.64	4791446.42	5.50	0	0	80.3	80.3	0.0	0.0	67.4	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	15.3	15.3
19	594995.27	4791450.48	4.50	0	0	80.8	80.8	0.0	0.0	67.3	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	16.0	16.0
20	595009.64	4791446.42	4.50	0	0	80.3	80.3	0.0	0.0	67.4	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	15.4	15.4
21	595026.12	4791441.77	12.50	0	0	81.9	81.9	0.0	0.0	67.4	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	16.5	16.5
22	595040.11	4791437.84	12.50	0	0	78.3	78.3	0.0	0.0	67.4	0.5	-2.4	0.0	0.0	0.0	-0.0	-0.0	12.8	12.8
23	595026.12	4791441.77	5.50	0	0	81.9	81.9	0.0	0.0	67.4	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	17.0	17.0
24	595040.11	4791437.84	5.50	0	0	78.3	78.3	0.0	0.0	67.4	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	13.3	13.3
25	595026.12	4791441.77	11.50	0	0	81.9	81.9	0.0	0.0	67.4	0.5	-2.5	0.0	0.0	0.0	-0.0	-0.0	16.6	16.6
26	595040.11	4791437.84	11.50	0	0	78.3	78.3	0.0	0.0	67.4	0.5	-2.6	0.0	0.0	0.0	-0.0	-0.0	12.9	12.9
27	595026.12	4791441.77	13.50	0	0	81.9	81.9	0.0	0.0	67.4	0.5	-2.3	0.0	0.0	0.0	-0.0	-0.0	16.4	16.4
28	595040.11	4791437.84	13.50	0	0	78.3	78.3	0.0	0.0	67.4	0.5	-2.3	0.0	0.0	0.0	-0.0	-0.0	12.7	12.7
29	595026.12	4791441.77	8.50	0	0	81.9	81.9	0.0	0.0	67.4	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	16.9	16.9
30	595040.11	4791437.84	8.50	0	0	78.3	78.3	0.0	0.0	67.4	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	13.2	13.2
31	595026.12	4791441.77	7.50	0	0	81.9	81.9	0.0	0.0	67.4	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	16.9	16.9
32	595040.11	4791437.84	7.50	0	0	78.3	78.3	0.0	0.0	67.4	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	13.3	13.3
33	595026.12	4791441.77	4.50	0	0	81.9	81.9	0.0	0.0	67.4	0.5	-3.0	0.0	0.0	0.0	-0.0	-0.0	17.1	17.1
34	595040.11	4791437.84	4.50	0	0	78.3	78.3	0.0	0.0	67.4	0.5	-3.0	0.0	0.0	0.0	-0.0	-0.0	13.4	13.4
35	595026.12	4791441.77	6.50	0	0	81.9	81.9	0.0	0.0	67.4	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	17.0	17.0
36	595040.11	4791437.84	6.50	0	0	78.3	78.3	0.0	0.0	67.4	0.5	-2.9	0.0	0.0	0.0	-0.0	-0.0	13.3	13.3
37	595026.12	4791441.77	10.50	0	0	81.9	81.9	0.0	0.0	67.4	0.5	-2.7	0.0	0.0	0.0	-0.0	-0.0	16.7	16.7
38	595040.11	4791437.84	10.50	0	0	78.3	78.3	0.0	0.0	67.4	0.5	-2.7	0.0	0.0	0.0	-0.0	-0.0	13.0	13.0
39	595026.12	4791441.77	9.50	0	0	81.9	81.9	0.0	0.0	67.4	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	16.8	16.8
40	595040.11	4791437.84	9.50	0	0	78.3	78.3	0.0	0.0	67.4	0.5	-2.8	0.0	0.0	0.0	-0.0	-0.0	13.1	13.1
41	594995.27	4791450.48	9.50	1	0	32.1	32.1	0.0	0.0	67.4	77.6	-2.9	0.0	0.0	4.8	-0.0	17.1	-131.9	-131.9
42	595009.64	4791446.42	9.50	1	0	31.6	31.6	0.0	0.0	67.6	79.2	-2.9	0.0	0.0	4.8	-0.0	19.1	-136.3	-136.3
43	594995.27	4791450.48	10.50	1	0	32.1	32.1	0.0	0.0	67.4	77.6	-2.8	0.0	0.0	0.0	-0.0	17.1	-127.2	-127.2
44	595009.64	4791446.42	10.50	1	0	31.6	31.6	0.0	0.0	67.6	79.2	-2.8	0.0	0.0	0.0	-0.0	19.1	-131.6	-131.6
45	594995.27	4791450.48	11.50	1	0	32.1	32.1	0.0	0.0	67.4	77.6	-2.7	0.0	0.0	0.0	-0.0	17.1	-127.3	-127.3
46	595009.64	4791446.42	11.50	1	0	31.6	31.6	0.0	0.0	67.6	79.2	-2.7	0.0	0.0	0.0	-0.0	19.1	-131.7	-131.7
47	594995.27	4791450.48	12.50	1	0	32.1	32.1	0.0	0.0	67.4	77.6	-2.6	0.0	0.0	0.0	-0.0	17.1	-127.4	-127.4
48	595009.64	4791446.42	12.50	1	0	31.6	31.6	0.0	0.0	67.6	79.2	-2.6	0.0	0.0	0.0	-0.0	19.1	-131.8	-131.8
49	594995.27	4791450.48	13.50	1	0	32.1	32.1	0.0	0.0	67.4	77.6	-2.4	0.0	0.0	0.0	-0.0	17.1	-127.5	-127.5
50	595009.64	4791446.42	13.50	1	0	31.6	31.6	0.0	0.0	67.6	79.2	-2.5	0.0	0.0	0.0	-0.0	19.1	-131.9	-131.9
51	594995.27	4791450.48	7.50	1	0	32.1	32.1	0.0	0.0	67.4	77.6	-3.1	0.0	0.0	14.0	-0.0	17.1	-140.9	-140.9
52	595009.64	4791446.42	7.50	1	0	31.6	31.6	0.0	0.0	67.6	79.2	-3.1	0.0	0.0	7.5	-0.0	19.1	-138.8	-138.8
53	594995.27	4791450.48	8.50	1	0	32.1	32.1	0.0	0.0	67.4	77.6	-3.0	0.0	0.0	7.0	-0.0	17.1	-134.1	-134.1
54	595009.64	4791446.42	8.50	1	0	31.6	31.6	0.0	0.0	67.6	79.2	-3.0	0.0	0.0	4.9	-0.0	19.1	-136.3	-136.3
55	594995.27	4791450.48	6.50	1	0	32.1	32.1	0.0	0.0	67.4	77.6	-3.2	0.0	0.0	19.2	-0.0	17.1	-146.0	-146.0
56	595009.64	4791446.42	6.50	1	0	31.6	31.6	0.0	0.0	67.6	79.2	-3.2	0.0	0.0	12.3	-0.0	19.1	-143.5	-143.5
57	594995.27	4791450.48	5.50	1	0	32.1	32.1	0.0	0.0	67.4	77.6	-3.3	0.0	0.0	22.8	-0.0	17.1	-149.5	-149.5
58	595009.64	4791446.42	5.50	1	0	31.6	31.6	0.0	0.0	67.6	79.2	-3.3	0.0	0.0	16.5	-0.0	19.1	-147.6	-147.6
59	594995.27	4791450.48	4.50	1	0	32.1	32.1	0.0	0.0	67.4	77.6	-3.4	0.0	0.0	25.0	-0.0	17.1	-151.6	-151.6
60	595009.64	4791446.42	4.50	1	0	31.6	31.6	0.0	0.0	67.6	79.2	-3.4	0.0	0.0	19.7	-0.0	19.1	-150.7	-150.7
61	595022.93	4791442.67	12.50	1	0	40.6	40.6	0.0	0.0	67.5	22.2	-2.6	0.0	0.0	0.0	-0.0	1.0	-47.4	-47.4
62	595042.10	4791437.28	12.50	1	0	50.2	50.2	0.0	0.0	67.8	7.0	-2.8	0.0	0.0	4.8	-0.0	1.0	-27.6	-27.6
63	595022.93	4791442.67	5.50	1	0	40.6	40.6	0.0	0.0	67.5	22.2	-3.3	0.0	0.0	0.0	-0.0	1.0	-46.7	-46.7
64	595042.10	4791437.28	5.50	1	0	50.2	50.2	0.0	0.0	67.8	7.0	-3.5	0.0	0.0	9.9	-0.0	1.0	-32.0	-32.0
65	595022.93	4791442.67	11.50	1	0	40.6	40.6	0.0	0.0	67.5	22.2	-2.7	0.0	0.0	0.0	-0.0	1.0	-47.3	-47.3
66	595042.10	4791437.28	11.50	1	0	50.2	50.2	0.0	0.0	67.8	7.0	-2.9	0.0	0.0	4.8	-0.0	1.0	-27.6	-27.6
67	595022.93	4791																	

vert. Area Source, ISO 9613, Name: "Waste Storage Building South - Upper", ID: "WasteStorageBldgSouthUP"																			
Nr.	X	Y	Z	Ref.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
68	595042.10	4791437.28	13.50	1	0	50.2	50.2	0.0	0.0	67.8	7.0	-2.7	0.0	0.0	4.8	-0.0	1.0	-27.7	-27.7
69	595022.93	4791442.67	8.50	1	0	40.6	40.6	0.0	0.0	67.5	22.2	-3.0	0.0	0.0	0.0	-0.0	1.0	-47.0	-47.0
70	595042.10	4791437.28	8.50	1	0	50.2	50.2	0.0	0.0	67.8	7.0	-3.2	0.0	0.0	5.9	-0.0	1.0	-28.3	-28.3
71	595022.93	4791442.67	7.50	1	0	40.6	40.6	0.0	0.0	67.5	22.2	-3.1	0.0	0.0	0.0	-0.0	1.0	-46.9	-46.9
72	595042.10	4791437.28	7.50	1	0	50.2	50.2	0.0	0.0	67.8	7.0	-3.3	0.0	0.0	7.0	-0.0	1.0	-29.3	-29.3
73	595022.93	4791442.67	4.50	1	0	40.6	40.6	0.0	0.0	67.5	22.2	-3.4	0.0	0.0	0.0	-0.0	1.0	-46.6	-46.6
74	595042.10	4791437.28	4.50	1	0	50.2	50.2	0.0	0.0	67.8	7.0	-3.6	0.0	0.0	11.4	-0.0	1.0	-33.4	-33.4
75	595022.93	4791442.67	6.50	1	0	40.6	40.6	0.0	0.0	67.5	22.2	-3.3	0.0	0.0	0.0	-0.0	1.0	-46.8	-46.8
76	595042.10	4791437.28	6.50	1	0	50.2	50.2	0.0	0.0	67.8	7.0	-3.4	0.0	0.0	8.4	-0.0	1.0	-30.6	-30.6
77	595022.93	4791442.67	10.50	1	0	40.6	40.6	0.0	0.0	67.5	22.2	-2.8	0.0	0.0	0.0	-0.0	1.0	-47.2	-47.2
78	595042.10	4791437.28	10.50	1	0	50.2	50.2	0.0	0.0	67.8	7.0	-3.0	0.0	0.0	4.9	-0.0	1.0	-27.5	-27.5
79	595022.93	4791442.67	9.50	1	0	40.6	40.6	0.0	0.0	67.5	22.2	-2.9	0.0	0.0	0.0	-0.0	1.0	-47.1	-47.1
80	595042.10	4791437.28	9.50	1	0	50.2	50.2	0.0	0.0	67.8	7.0	-3.1	0.0	0.0	5.2	-0.0	1.0	-27.8	-27.8

vert. Area Source, ISO 9613, Name: "Waste Storage Building East", ID: "WasteStorageBldgEast"																			
Nr.	X	Y	Z	Ref.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595069.93	4791524.19	3.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-4.0	0.0	0.0	21.0	-0.0	-0.0	-19.3	-19.3
2	595069.93	4791524.19	0.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-4.3	0.0	0.0	21.8	-0.0	-0.0	-19.9	-19.9
3	595069.93	4791524.19	6.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-3.6	0.0	0.0	19.8	-0.0	-0.0	-18.6	-18.6
4	595069.93	4791524.19	4.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-3.8	0.0	0.0	20.6	-0.0	-0.0	-19.2	-19.2
5	595069.93	4791524.19	5.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-3.7	0.0	0.0	20.2	-0.0	-0.0	-18.9	-18.9
6	595069.93	4791524.19	7.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-3.5	0.0	0.0	19.6	-0.0	-0.0	-18.5	-18.5
7	595069.93	4791524.19	10.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-3.2	0.0	0.0	16.9	-0.0	-0.0	-16.1	-16.1
8	595069.93	4791524.19	9.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-3.3	0.0	0.0	18.0	-0.0	-0.0	-17.1	-17.1
9	595069.93	4791524.19	8.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-3.4	0.0	0.0	18.9	-0.0	-0.0	-17.9	-17.9
10	595069.93	4791524.19	13.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-2.7	0.0	0.0	8.7	-0.0	-0.0	-8.3	-8.3
11	595069.93	4791524.19	2.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-4.2	0.0	0.0	21.3	-0.0	-0.0	-19.5	-19.5
12	595069.93	4791524.19	1.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-4.3	0.0	0.0	21.6	-0.0	-0.0	-19.7	-19.7
13	595069.93	4791524.19	12.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-2.9	0.0	0.0	13.3	-0.0	-0.0	-12.7	-12.7
14	595069.93	4791524.19	11.50	0	0	66.7	66.7	0.0	0.0	68.5	0.5	-3.1	0.0	0.0	15.5	-0.0	-0.0	-14.8	-14.8
15	595069.87	4791524.00	3.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-4.0	0.0	0.0	21.0	-0.0	-0.0	-19.8	-19.8
16	595069.87	4791524.00	0.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-4.3	0.0	0.0	21.9	-0.0	-0.0	-20.3	-20.3
17	595069.87	4791524.00	6.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-3.6	0.0	0.0	19.9	-0.0	-0.0	-19.1	-19.1
18	595069.87	4791524.00	4.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-3.8	0.0	0.0	20.7	-0.0	-0.0	-19.7	-19.7
19	595069.87	4791524.00	5.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-3.7	0.0	0.0	20.3	-0.0	-0.0	-19.4	-19.4
20	595069.87	4791524.00	7.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-3.5	0.0	0.0	19.7	-0.0	-0.0	-19.0	-19.0
21	595069.87	4791524.00	10.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-3.2	0.0	0.0	17.2	-0.0	-0.0	-16.7	-16.7
22	595069.87	4791524.00	9.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-3.3	0.0	0.0	18.2	-0.0	-0.0	-17.7	-17.7
23	595069.87	4791524.00	8.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-3.4	0.0	0.0	19.0	-0.0	-0.0	-18.4	-18.4
24	595069.87	4791524.00	13.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-2.7	0.0	0.0	9.5	-0.0	-0.0	-9.6	-9.6
25	595069.87	4791524.00	2.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-4.2	0.0	0.0	21.3	-0.0	-0.0	-19.9	-19.9
26	595069.87	4791524.00	1.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-4.3	0.0	0.0	21.6	-0.0	-0.0	-20.1	-20.1
27	595069.87	4791524.00	12.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-2.9	0.0	0.0	13.7	-0.0	-0.0	-13.5	-13.5
28	595069.87	4791524.00	11.50	0	0	66.3	66.3	0.0	0.0	68.5	0.5	-3.1	0.0	0.0	15.8	-0.0	-0.0	-15.4	-15.4

vert. Area Source, ISO 9613, Name: "Waste Storage Building North - Lower", ID: "WasteStorBldgNorthLow"																			
Nr.	X	Y	Z	Ref.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595054.74	4791528.66	0.50	0	0	62.4	62.4	0.0	0.0	68.5	1.0	-4.3	0.0	0.0	22.4	-0.0	-0.0	-25.2	-25.2
2	595038.48	4791533.34	0.50	0	0	50.7	50.7	0.0	0.0	68.5	1.0	-4.3	0.0	0.0	21.9	-0.0	-0.0	-36.4	-36.4
3	595054.74	4791528.66	3.50	0	0	62.4	62.4	0.0	0.0	68.5	1.0	-4.0	0.0	0.0	21.8	-0.0	-0.0	-24.9	-24.9
4	595038.48	4791533.34	3.50	0	0	50.7	50.7	0.0	0.0	68.5	1.0	-4.0	0.0	0.0	21.3	-0.0	-0.0	-36.1	-36.1
5	595054.74	4791528.66	2.50	0	0	62.4	62.4	0.0	0.0	68.5	1.0	-4.2	0.0	0.0	22.0	-0.0	-0.0	-24.9	-24.9
6	595038.48	4791533.34	2.50	0	0	50.7	50.7	0.0	0.0	68.5	1.0	-4.2	0.0	0.0	21.5	-0.0	-0.0	-36.1	-36.1
7	595054.74	4791528.66	1.50	0	0	62.4	62.4	0.0	0.0	68.5	1.0	-4.3	0.0	0.0	22.2	-0.0	-0.0	-25.1	-25.1
8	595038.48	4791533.34	1.50	0	0	50.7	50.7	0.0	0.0	68.5	1.0	-4.3	0.0	0.0	21.7	-0.0	-0.0	-36.2	-36.2
9	595032.62	4791535.02	3.50	0	0	57.4	57.4	0.0	0.0	68.5	1.0	-4.0	0.0	0.0	21.0	-0.0	-0.0	-29.1	-29.1
10	595032.62	4791535.02	2.50	0	0	57.4	57.4	0.0	0.0	68.5	1.0	-4.2	0.0	0.0	21.2	-0.0	-0.0	-29.1	-29.1
11	595032.62	4791535.02	1.50	0	0	57.4	57.4	0.0	0.0	68.5	1.0	-4.3	0.0	0.0	21.3	-0.0	-0.0	-29.2	-29.2
12	595032.62	4791535.02	0.50	0	0	57.4	57.4	0.0	0.0	68.5	1.0	-4.3	0.0	0.0	21.5	-0.0	-0.0	-29.4	-29.4
13	595053.34	4791529.07	0.50	1	0	32.3	32.3	0.0	0.0	68.6	2.8	-4.2	0.0	0.0	25.0	-0.0	1.0	-61.0	-61.0
14	595062.42	4791526.45	0.50	1	0	10.6	10.6	0.0	0.0	68.6	24.9	-4.3	0.0	0.0	25.0	-0.0	1.0	-104.6	-104.6
15	595059.77	4791527.22	0.50	1	0	12.6	12.6	0.0	0.0	68.6	25.0	-4.3	0.0	0.0	25.0	-0.0	1.0	-102.7	-102.7
16	595053.34	4791529.07	3.50	1	0	32.3	32.3	0.0	0.0	68.6	2.8	-3.9	0.0	0.0	25.0	-0.0	1.0	-61.2	-61.2
17	595062.42	4791526.45	3.50	1	0	10.6	10.6	0.0	0.0	68.6	24.9	-4.0	0.0	0.0	25.0	-0.0	1.0	-105.0	-105.0
18	595059.77	4791527.22	3.50	1	0	12.6	12.6	0.0	0.0	68.6	25.0	-4.0	0.0	0.0	25.0	-0.0	1.0	-103.1	-103.1
19	595053.34	4791529.07	2.50	1	0	32.3	32.3	0.0	0.0	68.6	2.8	-4.1	0.0	0.0	25.0	-0.0	1.0	-61.0	-61.0

vert. Area Source, ISO 9613, Name: "Waste Storage Building North - Lower", ID: "WasteStorBldgNorthLow"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
20	595062.42	4791526.45	2.50	1	0	10.6	10.6	0.0	0.0	68.6	24.9	-4.1	0.0	0.0	25.0	-0.0	1.0	-104.8	-104.8
21	595059.77	4791527.22	2.50	1	0	12.6	12.6	0.0	0.0	68.6	25.0	-4.1	0.0	0.0	25.0	-0.0	1.0	-102.9	-102.9
22	595053.34	4791529.07	1.50	1	0	32.3	32.3	0.0	0.0	68.6	2.8	-4.2	0.0	0.0	25.0	-0.0	1.0	-60.9	-60.9
23	595062.42	4791526.45	1.50	1	0	10.6	10.6	0.0	0.0	68.6	24.9	-4.2	0.0	0.0	25.0	-0.0	1.0	-104.7	-104.7
24	595059.77	4791527.22	1.50	1	0	12.6	12.6	0.0	0.0	68.6	25.0	-4.2	0.0	0.0	25.0	-0.0	1.0	-102.8	-102.8

vert. Area Source, ISO 9613, Name: "Waste Storage Building North - Upper", ID: "WasteStorageBldgNorthUP"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595054.82	4791528.64	0.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-4.4	0.0	0.0	21.7	-0.0	-0.0	2.2	2.2
2	595054.82	4791528.64	1.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-4.2	0.0	0.0	21.4	-0.0	-0.0	2.3	2.3
3	595054.82	4791528.64	2.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-4.1	0.0	0.0	21.2	-0.0	-0.0	2.5	2.5
4	595054.82	4791528.64	3.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-4.0	0.0	0.0	20.9	-0.0	-0.0	2.6	2.6
5	595054.82	4791528.64	4.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-3.8	0.0	0.0	20.6	-0.0	-0.0	2.7	2.7
6	595054.82	4791528.64	5.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-3.6	0.0	0.0	20.2	-0.0	-0.0	2.9	2.9
7	595054.82	4791528.64	6.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-3.5	0.0	0.0	19.8	-0.0	-0.0	3.3	3.3
8	595054.82	4791528.64	11.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-3.0	0.0	0.0	16.0	-0.0	-0.0	6.6	6.6
9	595054.82	4791528.64	8.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-3.3	0.0	0.0	19.1	-0.0	-0.0	3.7	3.7
10	595054.82	4791528.64	7.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-3.4	0.0	0.0	19.3	-0.0	-0.0	3.7	3.7
11	595054.82	4791528.64	9.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-3.3	0.0	0.0	18.3	-0.0	-0.0	4.4	4.4
12	595054.82	4791528.64	10.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-3.1	0.0	0.0	17.3	-0.0	-0.0	5.3	5.3
13	595054.82	4791528.64	13.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-2.7	0.0	0.0	10.3	-0.0	-0.0	11.9	11.9
14	595054.82	4791528.64	12.50	0	0	88.6	88.6	0.0	0.0	68.5	0.5	-2.9	0.0	0.0	14.0	-0.0	-0.0	8.4	8.4
15	595033.74	4791534.69	0.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-4.4	0.0	0.0	20.8	-0.0	-0.0	-0.9	-0.9
16	595033.74	4791534.69	1.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-4.2	0.0	0.0	20.6	-0.0	-0.0	-0.9	-0.9
17	595033.74	4791534.69	2.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-4.1	0.0	0.0	20.4	-0.0	-0.0	-0.8	-0.8
18	595033.74	4791534.69	3.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-4.0	0.0	0.0	20.1	-0.0	-0.0	-0.7	-0.7
19	595033.74	4791534.69	4.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-3.8	0.0	0.0	19.9	-0.0	-0.0	-0.6	-0.6
20	595033.74	4791534.69	5.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-3.6	0.0	0.0	19.5	-0.0	-0.0	-0.4	-0.4
21	595033.74	4791534.69	6.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-3.5	0.0	0.0	19.2	-0.0	-0.0	-0.2	-0.2
22	595033.74	4791534.69	7.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-3.4	0.0	0.0	18.7	-0.0	-0.0	0.2	0.2
23	595033.74	4791534.69	8.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-3.3	0.0	0.0	18.2	-0.0	-0.0	0.7	0.7
24	595033.74	4791534.69	9.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-3.3	0.0	0.0	17.5	-0.0	-0.0	1.2	1.2
25	595033.74	4791534.69	10.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-3.1	0.0	0.0	16.5	-0.0	-0.0	2.1	2.1
26	595033.74	4791534.69	11.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-3.0	0.0	0.0	15.3	-0.0	-0.0	3.2	3.2
27	595033.74	4791534.69	12.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-2.9	0.0	0.0	14.0	-0.0	-0.0	4.4	4.4
28	595033.74	4791534.69	13.50	0	0	84.5	84.5	0.0	0.0	68.5	0.5	-2.7	0.0	0.0	10.1	-0.0	-0.0	8.1	8.1
29	595053.34	4791529.07	0.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-4.2	0.0	0.0	25.0	-0.0	1.0	-38.9	-38.9
30	595062.42	4791526.45	0.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-4.3	0.0	0.0	25.0	-0.0	1.0	-73.6	-73.6
31	595059.77	4791527.22	0.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-4.3	0.0	0.0	25.0	-0.0	1.0	-71.7	-71.7
32	595053.34	4791529.07	1.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-4.2	0.0	0.0	25.0	-0.0	1.0	-38.9	-38.9
33	595062.42	4791526.45	1.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-4.2	0.0	0.0	25.0	-0.0	1.0	-73.7	-73.7
34	595059.77	4791527.22	1.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-4.2	0.0	0.0	25.0	-0.0	1.0	-71.8	-71.8
35	595053.34	4791529.07	2.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-4.1	0.0	0.0	25.0	-0.0	1.0	-39.0	-39.0
36	595062.42	4791526.45	2.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-4.1	0.0	0.0	25.0	-0.0	1.0	-73.8	-73.8
37	595059.77	4791527.22	2.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-4.1	0.0	0.0	25.0	-0.0	1.0	-71.9	-71.9
38	595053.34	4791529.07	3.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-3.9	0.0	0.0	25.0	-0.0	1.0	-39.1	-39.1
39	595062.42	4791526.45	3.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-4.0	0.0	0.0	25.0	-0.0	1.0	-74.0	-74.0
40	595059.77	4791527.22	3.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-4.0	0.0	0.0	25.0	-0.0	1.0	-72.0	-72.0
41	595053.34	4791529.07	4.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-3.8	0.0	0.0	25.0	-0.0	1.0	-39.3	-39.3
42	595062.42	4791526.45	4.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-3.8	0.0	0.0	25.0	-0.0	1.0	-74.1	-74.1
43	595059.77	4791527.22	4.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-3.8	0.0	0.0	25.0	-0.0	1.0	-72.2	-72.2
44	595053.34	4791529.07	5.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-3.6	0.0	0.0	25.0	-0.0	1.0	-39.4	-39.4
45	595062.42	4791526.45	5.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-3.7	0.0	0.0	25.0	-0.0	1.0	-74.3	-74.3
46	595059.77	4791527.22	5.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-3.7	0.0	0.0	25.0	-0.0	1.0	-72.3	-72.3
47	595053.34	4791529.07	6.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-3.5	0.0	0.0	25.0	-0.0	1.0	-39.6	-39.6
48	595062.42	4791526.45	6.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-3.6	0.0	0.0	25.0	-0.0	1.0	-74.4	-74.4
49	595059.77	4791527.22	6.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-3.5	0.0	0.0	25.0	-0.0	1.0	-72.5	-72.5
50	595053.34	4791529.07	11.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-3.0	0.0	0.0	25.0	-0.0	1.0	-40.1	-40.1
51	595062.42	4791526.45	11.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-3.0	0.0	0.0	25.0	-0.0	1.0	-74.9	-74.9
52	595059.77	4791527.22	11.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-3.0	0.0	0.0	25.0	-0.0	1.0	-73.0	-73.0
53	595053.34	4791529.07	8.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-3.3	0.0	0.0	25.0	-0.0	1.0	-39.8	-39.8
54	595062.42	4791526.45	8.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-3.3	0.0	0.0	25.0	-0.0	1.0	-74.6	-74.6
55	595059.77	4791527.22	8.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-3.3	0.0	0.0	25.0	-0.0	1.0	-72.7	-72.7
56	595053.34	4791529.07	7.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-3.4	0.0	0.0	25.0	-0.0	1.0	-39.7	-39.7
57	595062.42	4791526.45	7.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-3.4	0.0	0.0	25.0	-0.0	1.0	-74.5	-74.5
58	595059.77	4791527.22	7.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-3.4	0.0	0.0	25.0	-0.0	1.0	-72.6	-72.6
59	595053.34	4791529.07	9.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-3.2	0.0	0.0	25.0	-0.0	1.0	-39.9	-39.9

vert. Area Source, ISO 9613, Name: "Waste Storage Building North - Upper", ID: "WasteStorageBldgNorthUP"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
60	595062.42	4791526.45	9.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-3.2	0.0	0.0	25.0	-0.0	1.0	-74.7	-74.7
61	595059.77	4791527.22	9.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-3.2	0.0	0.0	25.0	-0.0	1.0	-72.8	-72.8
62	595053.34	4791529.07	10.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-3.1	0.0	0.0	25.0	-0.0	1.0	-40.0	-40.0
63	595062.42	4791526.45	10.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-3.1	0.0	0.0	25.0	-0.0	1.0	-74.8	-74.8
64	595059.77	4791527.22	10.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-3.1	0.0	0.0	25.0	-0.0	1.0	-72.9	-72.9
65	595053.34	4791529.07	13.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-2.8	0.0	0.0	18.5	-0.0	1.0	-33.7	-33.7
66	595062.42	4791526.45	13.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-2.8	0.0	0.0	24.4	-0.0	1.0	-74.6	-74.6
67	595059.77	4791527.22	13.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-2.8	0.0	0.0	24.4	-0.0	1.0	-72.6	-72.6
68	595053.34	4791529.07	12.50	1	0	54.4	54.4	0.0	0.0	68.6	2.9	-2.9	0.0	0.0	23.2	-0.0	1.0	-38.4	-38.4
69	595062.42	4791526.45	12.50	1	0	41.7	41.7	0.0	0.0	68.6	25.0	-2.9	0.0	0.0	25.0	-0.0	1.0	-75.0	-75.0
70	595059.77	4791527.22	12.50	1	0	43.6	43.6	0.0	0.0	68.6	25.0	-2.9	0.0	0.0	25.0	-0.0	1.0	-73.1	-73.1

vert. Area Source, ISO 9613, Name: "WasteStorage Building West - Lower", ID: "WasteStorBldgWestlow"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595007.79	4791520.45	3.50	0	0	61.5	61.5	0.0	0.0	68.2	1.0	-3.4	0.0	0.0	6.2	-0.0	-0.0	-10.5	-10.5
2	594997.48	4791485.80	3.50	0	0	64.0	64.0	0.0	0.0	67.8	0.9	-3.3	0.0	0.0	3.7	-0.0	-0.0	-5.1	-5.1
3	595007.79	4791520.45	2.50	0	0	61.5	61.5	0.0	0.0	68.2	1.0	-3.4	0.0	0.0	6.3	-0.0	-0.0	-10.6	-10.6
4	594997.48	4791485.80	2.50	0	0	64.0	64.0	0.0	0.0	67.8	0.9	-3.3	0.0	0.0	4.0	-0.0	-0.0	-5.3	-5.3
5	595007.79	4791520.45	1.50	0	0	61.5	61.5	0.0	0.0	68.2	1.0	-3.4	0.0	0.0	6.4	-0.0	-0.0	-10.7	-10.7
6	594997.48	4791485.80	1.50	0	0	64.0	64.0	0.0	0.0	67.8	0.9	-3.3	0.0	0.0	4.3	-0.0	-0.0	-5.7	-5.7
7	595007.79	4791520.45	0.50	0	0	61.5	61.5	0.0	0.0	68.2	1.0	-3.6	0.0	0.0	6.5	-0.0	-0.0	-10.6	-10.6
8	594997.48	4791485.80	0.50	0	0	64.0	64.0	0.0	0.0	67.8	0.9	-3.4	0.0	0.0	4.6	-0.0	-0.0	-5.8	-5.8
9	594989.24	4791458.11	0.50	0	0	57.9	57.9	0.0	0.0	67.4	0.9	-3.1	0.0	0.0	4.9	-0.0	-0.0	-12.1	-12.1
10	594989.24	4791458.11	1.50	0	0	57.9	57.9	0.0	0.0	67.4	0.9	-3.3	0.0	0.0	4.8	-0.0	-0.0	-11.9	-11.9
11	594989.24	4791458.11	3.50	0	0	57.9	57.9	0.0	0.0	67.4	0.9	-3.3	0.0	0.0	4.4	-0.0	-0.0	-11.5	-11.5
12	594989.24	4791458.11	2.50	0	0	57.9	57.9	0.0	0.0	67.4	0.9	-3.3	0.0	0.0	4.6	-0.0	-0.0	-11.7	-11.7

vert. Area Source, ISO 9613, Name: "Waste Storage Building West2 - Lower", ID: "WasteStorBldgWest2low"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595026.23	4791530.71	0.50	0	0	54.1	54.1	0.0	0.0	68.4	1.0	-4.3	0.0	0.0	21.1	-0.0	-0.0	-32.1	-32.1
2	595026.23	4791530.71	1.50	0	0	54.1	54.1	0.0	0.0	68.4	1.0	-4.3	0.0	0.0	20.8	-0.0	-0.0	-31.9	-31.9
3	595026.23	4791530.71	3.50	0	0	54.1	54.1	0.0	0.0	68.4	1.0	-4.0	0.0	0.0	20.3	-0.0	-0.0	-31.6	-31.6
4	595026.23	4791530.71	2.50	0	0	54.1	54.1	0.0	0.0	68.4	1.0	-4.2	0.0	0.0	20.6	-0.0	-0.0	-31.7	-31.7
5	595027.31	4791534.69	2.50	0	0	52.8	52.8	0.0	0.0	68.5	1.0	-4.2	0.0	0.0	19.3	-0.0	-0.0	-31.8	-31.8
6	595027.31	4791534.69	3.50	0	0	52.8	52.8	0.0	0.0	68.5	1.0	-4.0	0.0	0.0	18.9	-0.0	-0.0	-31.5	-31.5
7	595027.31	4791534.69	0.50	0	0	52.8	52.8	0.0	0.0	68.5	1.0	-4.3	0.0	0.0	20.0	-0.0	-0.0	-32.3	-32.3
8	595027.31	4791534.69	1.50	0	0	52.8	52.8	0.0	0.0	68.5	1.0	-4.3	0.0	0.0	19.7	-0.0	-0.0	-32.0	-32.0

vert. Area Source, ISO 9613, Name: "Waste Storage Building West2 - Upper", ID: "WasteStorBldgWest2UP"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595026.22	4791530.70	0.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-4.3	0.0	0.0	20.1	-0.0	-0.0	-4.5	-4.5
2	595026.22	4791530.70	1.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-4.2	0.0	0.0	19.9	-0.0	-0.0	-4.3	-4.3
3	595026.22	4791530.70	2.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-4.1	0.0	0.0	19.6	-0.0	-0.0	-4.1	-4.1
4	595026.22	4791530.70	3.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-3.9	0.0	0.0	19.3	-0.0	-0.0	-4.0	-4.0
5	595026.22	4791530.70	4.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-3.7	0.0	0.0	18.9	-0.0	-0.0	-3.8	-3.8
6	595026.22	4791530.70	5.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-3.6	0.0	0.0	18.4	-0.0	-0.0	-3.5	-3.5
7	595026.22	4791530.70	6.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-3.5	0.0	0.0	17.9	-0.0	-0.0	-3.1	-3.1
8	595026.22	4791530.70	7.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-3.4	0.0	0.0	17.3	-0.0	-0.0	-2.5	-2.5
9	595026.22	4791530.70	8.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-3.3	0.0	0.0	16.5	-0.0	-0.0	-1.8	-1.8
10	595026.22	4791530.70	9.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-3.2	0.0	0.0	15.9	-0.0	-0.0	-1.3	-1.3
11	595026.22	4791530.70	10.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-3.1	0.0	0.0	14.4	-0.0	-0.0	0.1	0.1
12	595026.22	4791530.70	11.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-3.0	0.0	0.0	11.9	-0.0	-0.0	2.5	2.5
13	595026.22	4791530.70	12.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-2.7	0.0	0.0	9.1	-0.0	-0.0	5.0	5.0
14	595026.22	4791530.70	13.50	0	0	80.3	80.3	0.0	0.0	68.4	0.5	-2.4	0.0	0.0	5.3	-0.0	-0.0	8.5	8.5
15	595027.31	4791534.68	8.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-3.3	0.0	0.0	13.8	-0.0	-0.0	-0.4	-0.4
16	595027.31	4791534.68	9.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-3.2	0.0	0.0	12.7	-0.0	-0.0	0.6	0.6
17	595027.31	4791534.68	6.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-3.5	0.0	0.0	15.8	-0.0	-0.0	-2.2	-2.2
18	595027.31	4791534.68	1.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-4.2	0.0	0.0	18.6	-0.0	-0.0	-4.2	-4.2
19	595027.31	4791534.68	2.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-4.1	0.0	0.0	18.2	-0.0	-0.0	-3.9	-3.9
20	595027.31	4791534.68	3.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-3.9	0.0	0.0	17.7	-0.0	-0.0	-3.7	-3.7
21	595027.31	4791534.68	4.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-3.8	0.0	0.0	17.2	-0.0	-0.0	-3.3	-3.3
22	595027.31	4791534.68	7.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-3.4	0.0	0.0	14.9	-0.0	-0.0	-1.4	-1.4
23	595027.31	4791534.68	11.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-2.8	0.0	0.0	8.3	-0.0	-0.0	4.6	4.6
24	595027.31	4791534.68	0.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-4.3	0.0	0.0	18.9	-0.0	-0.0	-4.5	-4.5
25	595027.31	4791534.68	5.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-3.6	0.0	0.0	16.6	-0.0	-0.0	-2.9	-2.9

vert. Area Source, ISO 9613, Name: "Waste Storage Building West2 - Upper", ID: "WasteStorBldgWest2UP"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
26	595027.31	4791534.68	12.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-2.6	0.0	0.0	6.1	-0.0	-0.0	6.5	6.5
27	595027.31	4791534.68	13.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-2.4	0.0	0.0	4.8	-0.0	-0.0	7.7	7.7
28	595027.31	4791534.68	10.50	0	0	79.1	79.1	0.0	0.0	68.5	0.5	-3.0	0.0	0.0	10.8	-0.0	-0.0	2.4	2.4

vert. Area Source, ISO 9613, Name: "Waste Storage Building North2 - Lower", ID: "WasteStorBldgNorth2Low"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595022.80	4791529.32	1.50	0	0	55.1	55.1	0.0	0.0	68.4	1.0	-4.3	0.0	0.0	21.2	-0.0	-0.0	-31.3	-31.3
2	595018.39	4791530.72	1.50	0	0	52.6	52.6	0.0	0.0	68.4	1.0	-4.3	0.0	0.0	20.7	-0.0	-0.0	-33.1	-33.1
3	595022.80	4791529.32	0.50	0	0	55.1	55.1	0.0	0.0	68.4	1.0	-4.3	0.0	0.0	21.4	-0.0	-0.0	-31.4	-31.4
4	595018.39	4791530.72	0.50	0	0	52.6	52.6	0.0	0.0	68.4	1.0	-4.5	0.0	0.0	20.9	-0.0	-0.0	-33.2	-33.2
5	595022.80	4791529.32	2.50	0	0	55.1	55.1	0.0	0.0	68.4	1.0	-4.2	0.0	0.0	21.1	-0.0	-0.0	-31.2	-31.2
6	595018.39	4791530.72	2.50	0	0	52.6	52.6	0.0	0.0	68.4	1.0	-4.2	0.0	0.0	20.6	-0.0	-0.0	-33.2	-33.2
7	595022.80	4791529.32	3.50	0	0	55.1	55.1	0.0	0.0	68.4	1.0	-4.0	0.0	0.0	20.9	-0.0	-0.0	-31.2	-31.2
8	595018.39	4791530.72	3.50	0	0	52.6	52.6	0.0	0.0	68.4	1.0	-4.0	0.0	0.0	20.4	-0.0	-0.0	-33.1	-33.1
9	595015.22	4791531.72	1.50	0	0	52.6	52.6	0.0	0.0	68.4	1.0	-4.3	0.0	0.0	19.8	-0.0	-0.0	-32.3	-32.3
10	595012.58	4791532.53	1.50	0	0	50.8	50.8	0.0	0.0	68.4	1.0	-3.8	0.0	0.0	19.4	-0.0	-0.0	-34.1	-34.1
11	595011.50	4791532.86	1.50	0	0	34.3	34.3	0.0	0.0	68.4	1.0	-3.5	0.0	0.0	6.3	-0.0	-0.0	-37.8	-37.8
12	595015.22	4791531.72	0.50	0	0	52.6	52.6	0.0	0.0	68.4	1.0	-4.3	0.0	0.0	20.0	-0.0	-0.0	-32.4	-32.4
13	595012.58	4791532.53	0.50	0	0	50.8	50.8	0.0	0.0	68.4	1.0	-4.3	0.0	0.0	19.6	-0.0	-0.0	-33.8	-33.8
14	595011.50	4791532.86	0.50	0	0	34.3	34.3	0.0	0.0	68.4	1.0	-3.6	0.0	0.0	6.4	-0.0	-0.0	-37.8	-37.8
15	595015.22	4791531.72	2.50	0	0	52.6	52.6	0.0	0.0	68.4	1.0	-4.1	0.0	0.0	19.6	-0.0	-0.0	-32.3	-32.3
16	595012.58	4791532.53	2.50	0	0	50.8	50.8	0.0	0.0	68.4	1.0	-3.8	0.0	0.0	19.3	-0.0	-0.0	-34.0	-34.0
17	595011.50	4791532.86	2.50	0	0	34.3	34.3	0.0	0.0	68.4	1.0	-3.5	0.0	0.0	6.1	-0.0	-0.0	-37.7	-37.7
18	595015.22	4791531.72	3.50	0	0	52.6	52.6	0.0	0.0	68.4	1.0	-3.9	0.0	0.0	19.5	-0.0	-0.0	-32.3	-32.3
19	595012.58	4791532.53	3.50	0	0	50.8	50.8	0.0	0.0	68.4	1.0	-3.7	0.0	0.0	19.2	-0.0	-0.0	-34.0	-34.0
20	595011.50	4791532.86	3.50	0	0	34.3	34.3	0.0	0.0	68.4	1.0	-3.5	0.0	0.0	6.0	-0.0	-0.0	-37.5	-37.5

vert. Area Source, ISO 9613, Name: "Waste Storage Building North2 - Upper", ID: "WasteStorBldgNorth2UP"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595022.80	4791529.32	10.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-3.1	0.0	0.0	16.4	-0.0	-0.0	-0.9	-0.9
2	595018.13	4791530.81	10.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-3.2	0.0	0.0	16.0	-0.0	-0.0	-2.2	-2.2
3	595022.80	4791529.32	7.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-3.4	0.0	0.0	18.6	-0.0	-0.0	-2.8	-2.8
4	595018.13	4791530.81	7.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-3.4	0.0	0.0	18.1	-0.0	-0.0	-4.1	-4.1
5	595022.80	4791529.32	8.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-3.3	0.0	0.0	18.0	-0.0	-0.0	-2.3	-2.3
6	595018.13	4791530.81	8.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-3.4	0.0	0.0	17.6	-0.0	-0.0	-3.7	-3.7
7	595022.80	4791529.32	11.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-3.0	0.0	0.0	15.1	-0.0	-0.0	0.3	0.3
8	595018.13	4791530.81	11.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-3.1	0.0	0.0	14.6	-0.0	-0.0	-1.0	-1.0
9	595022.80	4791529.32	4.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-3.7	0.0	0.0	19.7	-0.0	-0.0	-3.5	-3.5
10	595018.13	4791530.81	4.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-3.8	0.0	0.0	19.1	-0.0	-0.0	-4.8	-4.8
11	595022.80	4791529.32	13.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-2.7	0.0	0.0	10.1	-0.0	-0.0	5.0	5.0
12	595018.13	4791530.81	13.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-2.7	0.0	0.0	10.0	-0.0	-0.0	3.3	3.3
13	595022.80	4791529.32	12.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-2.9	0.0	0.0	13.4	-0.0	-0.0	1.9	1.9
14	595018.13	4791530.81	12.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-2.9	0.0	0.0	13.0	-0.0	-0.0	0.5	0.5
15	595022.80	4791529.32	9.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-3.2	0.0	0.0	17.4	-0.0	-0.0	-1.8	-1.8
16	595018.13	4791530.81	9.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-3.3	0.0	0.0	17.0	-0.0	-0.0	-3.1	-3.1
17	595022.80	4791529.32	0.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-4.3	0.0	0.0	20.6	-0.0	-0.0	-3.9	-3.9
18	595018.13	4791530.81	0.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-4.4	0.0	0.0	19.9	-0.0	-0.0	-5.0	-5.0
19	595022.80	4791529.32	1.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-4.2	0.0	0.0	20.4	-0.0	-0.0	-3.8	-3.8
20	595018.13	4791530.81	1.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-4.3	0.0	0.0	19.7	-0.0	-0.0	-4.9	-4.9
21	595022.80	4791529.32	2.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-4.1	0.0	0.0	20.2	-0.0	-0.0	-3.6	-3.6
22	595018.13	4791530.81	2.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-4.1	0.0	0.0	19.5	-0.0	-0.0	-4.9	-4.9
23	595022.80	4791529.32	3.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-3.9	0.0	0.0	19.9	-0.0	-0.0	-3.6	-3.6
24	595018.13	4791530.81	3.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-3.9	0.0	0.0	19.3	-0.0	-0.0	-4.8	-4.8
25	595022.80	4791529.32	5.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-3.6	0.0	0.0	19.4	-0.0	-0.0	-3.4	-3.4
26	595018.13	4791530.81	5.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-3.6	0.0	0.0	18.8	-0.0	-0.0	-4.6	-4.6
27	595022.80	4791529.32	6.50	0	0	81.3	81.3	0.0	0.0	68.4	0.5	-3.5	0.0	0.0	19.0	-0.0	-0.0	-3.1	-3.1
28	595018.13	4791530.81	6.50	0	0	79.5	79.5	0.0	0.0	68.4	0.5	-3.5	0.0	0.0	18.5	-0.0	-0.0	-4.4	-4.4
29	595014.96	4791531.80	0.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-4.4	0.0	0.0	18.9	-0.0	-0.0	-5.3	-5.3
30	595012.58	4791532.53	0.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-4.3	0.0	0.0	18.6	-0.0	-0.0	-6.2	-6.2
31	595011.50	4791532.86	0.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-3.7	0.0	0.0	5.3	-0.0	-0.0	-10.0	-10.0
32	595014.96	4791531.80	1.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-4.2	0.0	0.0	18.6	-0.0	-0.0	-5.3	-5.3
33	595012.58	4791532.53	1.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.8	0.0	0.0	18.4	-0.0	-0.0	-6.4	-6.4
34	595011.50	4791532.86	1.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-3.5	0.0	0.0	5.2	-0.0	-0.0	-10.1	-10.1
35	595014.96	4791531.80	2.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-4.0	0.0	0.0	18.5	-0.0	-0.0	-5.4	-5.4
36	595012.58	4791532.53	2.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.7	0.0	0.0	18.2	-0.0	-0.0	-6.4	-6.4
37	595011.50	4791532.86	2.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-3.4	0.0	0.0	5.1	-0.0	-0.0	-10.0	-10.0

vert. Area Source, ISO 9613, Name: "Waste Storage Building North2 - Upper", ID: "WasteStorBldgNorth2UP"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
38	595014.96	4791531.80	3.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-3.8	0.0	0.0	18.3	-0.0	-0.0	-5.3	-5.3
39	595012.58	4791532.53	3.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.6	0.0	0.0	18.1	-0.0	-0.0	-6.4	-6.4
40	595011.50	4791532.86	3.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-3.3	0.0	0.0	4.9	-0.0	-0.0	-9.9	-9.9
41	595014.96	4791531.80	4.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-3.7	0.0	0.0	18.1	-0.0	-0.0	-5.2	-5.2
42	595012.58	4791532.53	4.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.5	0.0	0.0	18.0	-0.0	-0.0	-6.3	-6.3
43	595011.50	4791532.86	4.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-3.2	0.0	0.0	4.8	-0.0	-0.0	-9.9	-9.9
44	595014.96	4791531.80	5.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-3.6	0.0	0.0	17.8	-0.0	-0.0	-5.1	-5.1
45	595012.58	4791532.53	5.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.4	0.0	0.0	17.8	-0.0	-0.0	-6.2	-6.2
46	595011.50	4791532.86	5.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-3.1	0.0	0.0	4.6	-0.0	-0.0	-9.8	-9.8
47	595014.96	4791531.80	6.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-3.5	0.0	0.0	17.5	-0.0	-0.0	-4.8	-4.8
48	595012.58	4791532.53	6.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.4	0.0	0.0	17.6	-0.0	-0.0	-6.1	-6.1
49	595011.50	4791532.86	6.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-3.1	0.0	0.0	4.5	-0.0	-0.0	-9.7	-9.7
50	595014.96	4791531.80	7.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-3.5	0.0	0.0	17.1	-0.0	-0.0	-4.5	-4.5
51	595012.58	4791532.53	7.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.3	0.0	0.0	17.3	-0.0	-0.0	-5.9	-5.9
52	595011.50	4791532.86	7.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-3.0	0.0	0.0	4.3	-0.0	-0.0	-9.6	-9.6
53	595014.96	4791531.80	8.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-3.4	0.0	0.0	16.6	-0.0	-0.0	-4.1	-4.1
54	595012.58	4791532.53	8.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.3	0.0	0.0	17.0	-0.0	-0.0	-5.6	-5.6
55	595011.50	4791532.86	8.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-3.0	0.0	0.0	4.1	-0.0	-0.0	-9.4	-9.4
56	595014.96	4791531.80	9.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-3.3	0.0	0.0	16.1	-0.0	-0.0	-3.6	-3.6
57	595012.58	4791532.53	9.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.2	0.0	0.0	16.6	-0.0	-0.0	-5.3	-5.3
58	595011.50	4791532.86	9.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-2.9	0.0	0.0	3.9	-0.0	-0.0	-9.3	-9.3
59	595014.96	4791531.80	10.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-3.2	0.0	0.0	15.0	-0.0	-0.0	-2.6	-2.6
60	595012.58	4791532.53	10.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.1	0.0	0.0	15.4	-0.0	-0.0	-4.1	-4.1
61	595011.50	4791532.86	10.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-2.8	0.0	0.0	3.4	-0.0	-0.0	-8.9	-8.9
62	595014.96	4791531.80	11.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-3.1	0.0	0.0	13.3	-0.0	-0.0	-1.1	-1.1
63	595012.58	4791532.53	11.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-3.0	0.0	0.0	12.0	-0.0	-0.0	-0.8	-0.8
64	595011.50	4791532.86	11.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-2.7	0.0	0.0	0.6	-0.0	-0.0	-6.2	-6.2
65	595014.96	4791531.80	12.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-2.9	0.0	0.0	12.0	-0.0	-0.0	0.1	0.1
66	595012.58	4791532.53	12.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-2.9	0.0	0.0	11.5	-0.0	-0.0	-0.5	-0.5
67	595011.50	4791532.86	12.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-2.5	0.0	0.0	0.5	-0.0	-0.0	-6.3	-6.3
68	595014.96	4791531.80	13.50	0	0	78.0	78.0	0.0	0.0	68.4	0.5	-2.7	0.0	0.0	9.1	-0.0	-0.0	2.8	2.8
69	595012.58	4791532.53	13.50	0	0	77.0	77.0	0.0	0.0	68.4	0.5	-2.8	0.0	0.0	10.6	-0.0	-0.0	0.3	0.3
70	595011.50	4791532.86	13.50	0	0	60.6	60.6	0.0	0.0	68.4	0.5	-2.4	0.0	0.0	0.4	-0.0	-0.0	-6.3	-6.3

vert. Area Source, ISO 9613, Name: "Dry RDF Storage Building South", ID: "DryRDFStorageBldgSouth"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595102.99	4791419.57	4.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.9	0.0	0.0	6.0	-0.0	-0.0	-1.6	-1.6
2	595102.99	4791419.57	3.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.8	0.0	0.0	6.5	-0.0	-0.0	-2.1	-2.1
3	595102.99	4791419.57	9.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.6	0.0	0.0	4.7	-0.0	-0.0	-0.5	-0.5
4	595102.99	4791419.57	5.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.8	0.0	0.0	5.6	-0.0	-0.0	-1.2	-1.2
5	595102.99	4791419.57	2.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.7	0.0	0.0	7.0	-0.0	-0.0	-2.8	-2.8
6	595102.99	4791419.57	1.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.5	0.0	0.0	7.5	-0.0	-0.0	-3.4	-3.4
7	595102.99	4791419.57	0.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.6	0.0	0.0	8.0	-0.0	-0.0	-3.8	-3.8
8	595102.99	4791419.57	8.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.7	0.0	0.0	4.8	-0.0	-0.0	-0.5	-0.5
9	595102.99	4791419.57	13.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	-1.0	-1.0
10	595102.99	4791419.57	12.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.4	0.0	0.0	4.8	-0.0	-0.0	-0.9	-0.9
11	595102.99	4791419.57	11.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.5	0.0	0.0	4.8	-0.0	-0.0	-0.8	-0.8
12	595102.99	4791419.57	10.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.6	0.0	0.0	4.6	-0.0	-0.0	-0.5	-0.5
13	595102.99	4791419.57	7.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.8	0.0	0.0	5.0	-0.0	-0.0	-0.6	-0.6
14	595102.99	4791419.57	6.50	0	0	70.0	70.0	0.0	0.0	67.6	0.8	-2.8	0.0	0.0	5.2	-0.0	-0.0	-0.9	-0.9
15	595092.76	4791422.49	1.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.5	0.0	0.0	7.3	-0.0	-0.0	-3.7	-3.7
16	595092.76	4791422.49	2.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.6	0.0	0.0	6.8	-0.0	-0.0	-3.1	-3.1
17	595092.76	4791422.49	6.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.8	0.0	0.0	5.1	-0.0	-0.0	-1.3	-1.3
18	595092.76	4791422.49	0.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.4	0.0	0.0	7.8	-0.0	-0.0	-4.3	-4.3
19	595092.76	4791422.49	3.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.8	0.0	0.0	6.3	-0.0	-0.0	-2.5	-2.5
20	595092.76	4791422.49	4.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.8	0.0	0.0	5.9	-0.0	-0.0	-2.0	-2.0
21	595092.76	4791422.49	5.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.8	0.0	0.0	5.5	-0.0	-0.0	-1.6	-1.6
22	595092.76	4791422.49	8.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.7	0.0	0.0	4.7	-0.0	-0.0	-0.9	-0.9
23	595092.76	4791422.49	7.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.8	0.0	0.0	4.8	-0.0	-0.0	-1.0	-1.0
24	595092.76	4791422.49	10.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.6	0.0	0.0	4.5	-0.0	-0.0	-0.9	-0.9
25	595092.76	4791422.49	9.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.6	0.0	0.0	4.5	-0.0	-0.0	-0.8	-0.8
26	595092.76	4791422.49	11.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.5	0.0	0.0	4.5	-0.0	-0.0	-1.0	-1.0
27	595092.76	4791422.49	12.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.3	0.0	0.0	4.8	-0.0	-0.0	-1.4	-1.4
28	595092.76	4791422.49	13.50	0	0	69.4	69.4	0.0	0.0	67.6	0.8	-2.2	0.0	0.0	4.8	-0.0	-0.0	-1.5	-1.5

vert. Area Source, ISO 9613, Name: "Dry RDF Storage Building East", ID: "DryRDFStorageBldgEast"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595115.59	4791442.08	8.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-2.9	0.0	0.0	20.6	-0.0	-0.0	-25.1	-25.1
2	595117.23	4791448.04	8.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-2.9	0.0	0.0	20.9	-0.0	-0.0	-17.0	-17.0
3	595115.59	4791442.08	7.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-3.0	0.0	0.0	21.3	-0.0	-0.0	-25.7	-25.7
4	595117.23	4791448.04	7.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-3.0	0.0	0.0	21.5	-0.0	-0.0	-17.6	-17.6
5	595115.59	4791442.08	10.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-2.7	0.0	0.0	18.4	-0.0	-0.0	-23.1	-23.1
6	595117.23	4791448.04	10.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-2.8	0.0	0.0	18.8	-0.0	-0.0	-15.2	-15.2
7	595115.59	4791442.08	4.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-3.2	0.0	0.0	22.9	-0.0	-0.0	-27.1	-27.1
8	595117.23	4791448.04	4.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-3.2	0.0	0.0	23.0	-0.0	-0.0	-18.9	-18.9
9	595115.59	4791442.08	5.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-3.1	0.0	0.0	22.4	-0.0	-0.0	-26.7	-26.7
10	595117.23	4791448.04	5.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-3.1	0.0	0.0	22.6	-0.0	-0.0	-18.6	-18.6
11	595115.59	4791442.08	9.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-2.8	0.0	0.0	19.6	-0.0	-0.0	-24.2	-24.2
12	595117.23	4791448.04	9.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-2.8	0.0	0.0	20.0	-0.0	-0.0	-16.2	-16.2
13	595115.59	4791442.08	13.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-2.3	0.0	0.0	8.1	-0.0	-0.0	-13.2	-13.2
14	595117.23	4791448.04	13.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-2.3	0.0	0.0	9.3	-0.0	-0.0	-6.0	-6.0
15	595115.59	4791442.08	0.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-3.7	0.0	0.0	23.7	-0.0	-0.0	-27.4	-27.4
16	595117.23	4791448.04	0.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-3.5	0.0	0.0	23.8	-0.0	-0.0	-19.4	-19.4
17	595115.59	4791442.08	3.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-3.2	0.0	0.0	23.2	-0.0	-0.0	-27.4	-27.4
18	595117.23	4791448.04	3.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-3.2	0.0	0.0	23.3	-0.0	-0.0	-19.2	-19.2
19	595115.59	4791442.08	6.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-3.0	0.0	0.0	21.9	-0.0	-0.0	-26.3	-26.3
20	595117.23	4791448.04	6.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-3.0	0.0	0.0	22.1	-0.0	-0.0	-18.1	-18.1
21	595115.59	4791442.08	1.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-3.4	0.0	0.0	23.7	-0.0	-0.0	-27.6	-27.6
22	595117.23	4791448.04	1.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-3.5	0.0	0.0	23.8	-0.0	-0.0	-19.3	-19.3
23	595115.59	4791442.08	12.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-2.5	0.0	0.0	13.9	-0.0	-0.0	-18.8	-18.8
24	595117.23	4791448.04	12.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-2.5	0.0	0.0	14.8	-0.0	-0.0	-11.3	-11.3
25	595115.59	4791442.08	11.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-2.6	0.0	0.0	16.7	-0.0	-0.0	-21.4	-21.4
26	595117.23	4791448.04	11.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-2.6	0.0	0.0	17.3	-0.0	-0.0	-13.7	-13.7
27	595115.59	4791442.08	2.50	0	0	61.4	61.4	0.0	0.0	68.0	0.8	-3.3	0.0	0.0	23.4	-0.0	-0.0	-27.6	-27.6
28	595117.23	4791448.04	2.50	0	0	69.8	69.8	0.0	0.0	68.0	0.8	-3.3	0.0	0.0	23.5	-0.0	-0.0	-19.3	-19.3
29	595119.15	4791454.84	13.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-2.4	0.0	0.0	10.3	-0.0	-0.0	-12.2	-12.2
30	595119.15	4791454.84	12.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-2.5	0.0	0.0	15.3	-0.0	-0.0	-17.0	-17.0
31	595119.15	4791454.84	11.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-2.7	0.0	0.0	17.6	-0.0	-0.0	-19.2	-19.2
32	595119.15	4791454.84	10.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-2.8	0.0	0.0	19.1	-0.0	-0.0	-20.6	-20.6
33	595119.15	4791454.84	9.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-2.9	0.0	0.0	20.2	-0.0	-0.0	-21.6	-21.6
34	595119.15	4791454.84	8.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-2.9	0.0	0.0	21.0	-0.0	-0.0	-22.3	-22.3
35	595119.15	4791454.84	7.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-3.0	0.0	0.0	21.7	-0.0	-0.0	-22.9	-22.9
36	595119.15	4791454.84	6.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-3.1	0.0	0.0	22.2	-0.0	-0.0	-23.4	-23.4
37	595119.15	4791454.84	5.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-3.2	0.0	0.0	22.7	-0.0	-0.0	-23.8	-23.8
38	595119.15	4791454.84	4.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-3.2	0.0	0.0	23.1	-0.0	-0.0	-24.2	-24.2
39	595119.15	4791454.84	3.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-3.3	0.0	0.0	23.4	-0.0	-0.0	-24.3	-24.3
40	595119.15	4791454.84	2.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-3.4	0.0	0.0	23.6	-0.0	-0.0	-24.4	-24.4
41	595119.15	4791454.84	1.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-3.7	0.0	0.0	23.8	-0.0	-0.0	-24.3	-24.3
42	595119.15	4791454.84	0.50	0	0	64.7	64.7	0.0	0.0	68.1	0.8	-3.5	0.0	0.0	23.8	-0.0	-0.0	-24.6	-24.6
43	595119.15	4791454.84	13.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-2.9	0.0	0.0	11.1	-0.0	1.0	-18.3	-18.3
44	595119.15	4791454.84	12.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.0	0.0	0.0	17.1	-0.0	1.0	-24.3	-24.3
45	595119.15	4791454.84	11.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.0	0.0	0.0	19.7	-0.0	1.0	-26.7	-26.7
46	595119.15	4791454.84	10.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.1	0.0	0.0	21.3	-0.0	1.0	-28.2	-28.2
47	595119.15	4791454.84	9.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.2	0.0	0.0	22.4	-0.0	1.0	-29.3	-29.3
48	595119.15	4791454.84	8.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.3	0.0	0.0	23.2	-0.0	1.0	-29.9	-29.9
49	595119.15	4791454.84	7.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.4	0.0	0.0	23.8	-0.0	1.0	-30.4	-30.4
50	595119.15	4791454.84	6.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.5	0.0	0.0	24.2	-0.0	1.0	-30.8	-30.8
51	595119.15	4791454.84	5.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.5	0.0	0.0	24.6	-0.0	1.0	-31.2	-31.2
52	595119.15	4791454.84	4.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.6	0.0	0.0	24.9	-0.0	1.0	-31.5	-31.5
53	595119.15	4791454.84	3.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.6	0.0	0.0	25.0	-0.0	1.0	-31.5	-31.5
54	595119.15	4791454.84	2.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.7	0.0	0.0	25.0	-0.0	1.0	-31.4	-31.4
55	595119.15	4791454.84	1.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.9	0.0	0.0	25.0	-0.0	1.0	-31.2	-31.2
56	595119.15	4791454.84	0.50	1	0	62.6	62.6	0.0	0.0	70.2	1.5	-3.3	0.0	0.0	25.0	-0.0	1.0	-31.8	-31.8

vert. Area Source, ISO 9613, Name: "Direct Plasma Building North", ID: "DirectPlasmaBldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	594970.98	4791471.50	5.50	0	0	71.5	71.5	0.0	0.0	67.5	0.8	-3.0	0.0	0.0	17.0	-0.0	-0.0	-10.9	-10.9
2	594970.98	4791471.50	6.50	0	0	71.5	71.5	0.0	0.0	67.5	0.8	-2.9	0.0	0.0	16.4	-0.0	-0.0	-10.3	-10.3
3	594970.98	4791471.50	1.50	0	0	71.5	71.5	0.0	0.0	67.5	0.8	-3.5	0.0	0.0	18.3	-0.0	-0.0	-11.6	-11.6
4	594970.98	4791471.50	9.50	0	0	71.5	71.5	0.0	0.0	67.5	0.8	-2.6	0.0	0.0	10.1	-0.0	-0.0	-4.3	-4.3
5	594970.98	4791471.50	8.50	0	0	71.5	71.5	0.0	0.0	67.5	0.8	-2.7	0.0	0.0	15.2	-0.0	-0.0	-9.3	-9.3
6	594970.98	4791471.50	7.50	0	0	71.5	71.5	0.0	0.0	67.5	0.8	-2.8	0.0	0.0	15.6	-0.0	-0.0	-9.5	-9.5
7	594970.98	4791471.50	4.50	0	0	71.5	71.5	0.0	0.0	67.5	0.8	-3.0	0.0	0.0	17.4	-0.0	-0.0	-11.3	-11.3
8	594970.98	4791471.50	3.50	0	0	71.5	71.5	0.0	0.0	67.5	0.8	-3.1	0.0	0.0	17.8	-0.0	-0.0	-11.5	-11.5

vert. Area Source, ISO 9613, Name: "Direct Plasma Building North", ID: "DirectPlasmaBldgNorth"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
9	594970.98	4791471.50	0.50	0	0	71.5	71.5	0.0	0.0	67.5	0.8	-3.8	0.0	0.0	18.5	-0.0	-0.0	-11.5	-11.5
10	594970.98	4791471.50	2.50	0	0	71.5	71.5	0.0	0.0	67.5	0.8	-3.2	0.0	0.0	18.0	-0.0	-0.0	-11.6	-11.6
11	594978.49	4791469.35	5.50	0	0	71.1	71.1	0.0	0.0	67.5	0.8	-2.9	0.0	0.0	17.0	-0.0	-0.0	-11.3	-11.3
12	594978.49	4791469.35	7.50	0	0	71.1	71.1	0.0	0.0	67.5	0.8	-2.8	0.0	0.0	15.6	-0.0	-0.0	-10.0	-10.0
13	594978.49	4791469.35	6.50	0	0	71.1	71.1	0.0	0.0	67.5	0.8	-2.8	0.0	0.0	16.4	-0.0	-0.0	-10.8	-10.8
14	594978.49	4791469.35	9.50	0	0	71.1	71.1	0.0	0.0	67.5	0.8	-2.6	0.0	0.0	11.2	-0.0	-0.0	-5.9	-5.9
15	594978.49	4791469.35	8.50	0	0	71.1	71.1	0.0	0.0	67.5	0.8	-2.7	0.0	0.0	14.4	-0.0	-0.0	-8.9	-8.9
16	594978.49	4791469.35	1.50	0	0	71.1	71.1	0.0	0.0	67.5	0.8	-3.5	0.0	0.0	18.2	-0.0	-0.0	-11.9	-11.9
17	594978.49	4791469.35	4.50	0	0	71.1	71.1	0.0	0.0	67.5	0.8	-3.0	0.0	0.0	17.4	-0.0	-0.0	-11.6	-11.6
18	594978.49	4791469.35	0.50	0	0	71.1	71.1	0.0	0.0	67.5	0.8	-3.8	0.0	0.0	18.4	-0.0	-0.0	-11.8	-11.8
19	594978.49	4791469.35	2.50	0	0	71.1	71.1	0.0	0.0	67.5	0.8	-3.2	0.0	0.0	18.0	-0.0	-0.0	-12.0	-12.0
20	594978.49	4791469.35	3.50	0	0	71.1	71.1	0.0	0.0	67.5	0.8	-3.1	0.0	0.0	17.7	-0.0	-0.0	-11.9	-11.9
21	594970.98	4791471.50	5.50	1	0	66.1	66.1	0.0	0.0	69.1	2.0	-3.5	0.0	0.0	4.8	-0.0	2.0	-8.3	-8.3
22	594970.98	4791471.50	6.50	1	0	66.1	66.1	0.0	0.0	69.1	2.0	-3.4	0.0	0.0	4.8	-0.0	2.0	-8.4	-8.4
23	594970.98	4791471.50	1.50	1	0	66.1	66.1	0.0	0.0	69.1	2.0	-2.9	0.0	0.0	4.8	-0.0	2.0	-8.9	-8.9
24	594970.98	4791471.50	9.50	1	0	66.1	66.1	0.0	0.0	69.1	2.0	-3.2	0.0	0.0	4.8	-0.0	2.0	-8.6	-8.6
25	594970.98	4791471.50	8.50	1	0	66.1	66.1	0.0	0.0	69.1	2.0	-3.3	0.0	0.0	4.8	-0.0	2.0	-8.5	-8.5
26	594970.98	4791471.50	7.50	1	0	66.1	66.1	0.0	0.0	69.1	2.0	-3.3	0.0	0.0	4.8	-0.0	2.0	-8.4	-8.4
27	594970.98	4791471.50	4.50	1	0	66.1	66.1	0.0	0.0	69.1	2.0	-3.6	0.0	0.0	4.8	-0.0	2.0	-8.2	-8.2
28	594970.98	4791471.50	3.50	1	0	66.1	66.1	0.0	0.0	69.1	2.0	-3.7	0.0	0.0	4.8	-0.0	2.0	-8.1	-8.1
29	594970.98	4791471.50	0.50	1	0	66.1	66.1	0.0	0.0	69.1	2.0	-1.4	0.0	0.0	4.8	-0.0	2.0	-10.4	-10.4
30	594970.98	4791471.50	2.50	1	0	66.1	66.1	0.0	0.0	69.1	2.0	-3.6	0.0	0.0	4.8	-0.0	2.0	-8.2	-8.2
31	594976.56	4791469.90	5.50	1	0	62.3	62.3	0.0	0.0	69.1	2.0	-3.6	0.0	0.0	4.8	-0.0	2.0	-12.0	-12.0
32	594976.56	4791469.90	7.50	1	0	62.3	62.3	0.0	0.0	69.1	2.0	-3.4	0.0	0.0	4.8	-0.0	2.0	-12.2	-12.2
33	594976.56	4791469.90	6.50	1	0	62.3	62.3	0.0	0.0	69.1	2.0	-3.5	0.0	0.0	4.8	-0.0	2.0	-12.1	-12.1
34	594976.56	4791469.90	9.50	1	0	62.3	62.3	0.0	0.0	69.1	2.0	-3.2	0.0	0.0	4.8	-0.0	2.0	-12.3	-12.3
35	594976.56	4791469.90	8.50	1	0	62.3	62.3	0.0	0.0	69.1	2.0	-3.3	0.0	0.0	4.8	-0.0	2.0	-12.3	-12.3
36	594976.56	4791469.90	1.50	1	0	62.3	62.3	0.0	0.0	69.1	2.0	-2.9	0.0	0.0	4.9	-0.0	2.0	-12.8	-12.8
37	594976.56	4791469.90	4.50	1	0	62.3	62.3	0.0	0.0	69.1	2.0	-3.6	0.0	0.0	4.8	-0.0	2.0	-11.9	-11.9
38	594976.56	4791469.90	0.50	1	0	62.3	62.3	0.0	0.0	69.1	2.0	-1.8	0.0	0.0	5.1	-0.0	2.0	-14.1	-14.1
39	594976.56	4791469.90	2.50	1	0	62.3	62.3	0.0	0.0	69.1	2.0	-3.6	0.0	0.0	4.8	-0.0	2.0	-12.0	-12.0
40	594976.56	4791469.90	3.50	1	0	62.3	62.3	0.0	0.0	69.1	2.0	-3.7	0.0	0.0	4.8	-0.0	2.0	-11.9	-11.9

vert. Area Source, ISO 9613, Name: "Direct Plasma Building West", ID: "DirectPlasmaBldgWest"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	594961.46	4791453.55	6.50	0	0	76.2	76.2	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	2.4	-0.0	-0.0	8.5	8.5
2	594961.46	4791453.55	2.50	0	0	76.2	76.2	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	2.1	-0.0	-0.0	8.7	8.7
3	594961.46	4791453.55	5.50	0	0	76.2	76.2	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	2.1	-0.0	-0.0	8.9	8.9
4	594961.46	4791453.55	7.50	0	0	76.2	76.2	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	2.4	-0.0	-0.0	8.5	8.5
5	594961.46	4791453.55	8.50	0	0	76.2	76.2	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	4.8	-0.0	-0.0	6.0	6.0
6	594961.46	4791453.55	4.50	0	0	76.2	76.2	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	2.1	-0.0	-0.0	8.8	8.8
7	594961.46	4791453.55	3.50	0	0	76.2	76.2	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	2.1	-0.0	-0.0	8.8	8.8
8	594961.46	4791453.55	9.50	0	0	76.2	76.2	0.0	0.0	67.2	0.8	-2.5	0.0	0.0	0.0	-0.0	-0.0	10.7	10.7
9	594961.46	4791453.55	0.50	0	0	76.2	76.2	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	2.4	-0.0	-0.0	8.5	8.5
10	594961.46	4791453.55	1.50	0	0	76.2	76.2	0.0	0.0	67.2	0.8	-2.4	0.0	0.0	2.3	-0.0	-0.0	8.3	8.3
11	594965.95	4791468.92	7.50	0	0	71.2	71.2	0.0	0.0	67.4	0.8	-2.7	0.0	0.0	2.5	-0.0	-0.0	3.2	3.2
12	594965.95	4791468.92	9.50	0	0	71.2	71.2	0.0	0.0	67.4	0.8	-2.5	0.0	0.0	0.0	-0.0	-0.0	5.5	5.5
13	594965.95	4791468.92	5.50	0	0	71.2	71.2	0.0	0.0	67.4	0.8	-2.7	0.0	0.0	2.2	-0.0	-0.0	3.6	3.6
14	594965.95	4791468.92	1.50	0	0	71.2	71.2	0.0	0.0	67.4	0.8	-2.4	0.0	0.0	2.4	-0.0	-0.0	3.0	3.0
15	594965.95	4791468.92	4.50	0	0	71.2	71.2	0.0	0.0	67.4	0.8	-2.7	0.0	0.0	2.2	-0.0	-0.0	3.5	3.5
16	594965.95	4791468.92	0.50	0	0	71.2	71.2	0.0	0.0	67.4	0.8	-2.7	0.0	0.0	2.4	-0.0	-0.0	3.3	3.3
17	594965.95	4791468.92	6.50	0	0	71.2	71.2	0.0	0.0	67.4	0.8	-2.7	0.0	0.0	2.5	-0.0	-0.0	3.2	3.2
18	594965.95	4791468.92	3.50	0	0	71.2	71.2	0.0	0.0	67.4	0.8	-2.7	0.0	0.0	2.2	-0.0	-0.0	3.5	3.5
19	594965.95	4791468.92	8.50	0	0	71.2	71.2	0.0	0.0	67.4	0.8	-2.6	0.0	0.0	4.8	-0.0	-0.0	0.9	0.9
20	594965.95	4791468.92	2.50	0	0	71.2	71.2	0.0	0.0	67.4	0.8	-2.6	0.0	0.0	2.2	-0.0	-0.0	3.5	3.5
21	594961.46	4791453.55	6.50	1	0	41.0	41.0	0.0	0.0	67.5	22.0	-3.2	0.0	0.0	25.0	-0.0	16.0	-86.3	-86.3
22	594961.46	4791453.55	6.50	1	0	65.7	65.7	0.0	0.0	69.3	3.3	-3.5	0.0	0.0	4.8	-0.0	2.0	-10.2	-10.2
23	594961.46	4791453.55	2.50	1	0	41.0	41.0	0.0	0.0	67.5	22.0	-3.7	0.0	0.0	25.0	-0.0	16.0	-85.8	-85.8
24	594961.46	4791453.55	2.50	1	0	65.7	65.7	0.0	0.0	69.3	3.3	-3.9	0.0	0.0	4.8	-0.0	2.0	-9.8	-9.8
25	594961.46	4791453.55	5.50	1	0	41.0	41.0	0.0	0.0	67.5	22.0	-3.3	0.0	0.0	25.0	-0.0	16.0	-86.1	-86.1
26	594961.46	4791453.55	5.50	1	0	65.7	65.7	0.0	0.0	69.3	3.3	-3.6	0.0	0.0	4.8	-0.0	2.0	-10.1	-10.1
27	594961.46	4791453.55	7.50	1	0	41.0	41.0	0.0	0.0	67.5	22.0	-3.1	0.0	0.0	25.0	-0.0	16.0	-86.4	-86.4
28	594961.46	4791453.55	7.50	1	0	65.7	65.7	0.0	0.0	69.3	3.3	-3.4	0.0	0.0	4.8	-0.0	2.0	-10.3	-10.3
29	594961.46	4791453.55	8.50	1	0	41.0	41.0	0.0	0.0	67.5	22.0	-3.0	0.0	0.0	25.0	-0.0	16.0	-86.5	-86.5
30	594961.46	4791453.55	8.50	1	0	65.7	65.7	0.0	0.0	69.3	3.3	-3.3	0.0	0.0	4.8	-0.0	2.0	-10.3	-10.3
31	594961.46	4791453.55	4.50	1	0	41.0	41.0	0.0	0.0	67.5	22.0	-3.4	0.0	0.0	25.0	-0.0	16.0	-86.0	-86.0
32	594961.46	4791453.55	4.50	1	0	65.7	65.7	0.0	0.0	69.3	3.3	-3.7	0.0	0.0	4.8	-0.0	2.0	-10.0	-10.0

vert. Area Source, ISO 9613, Name: "Direct Plasma Building West", ID: "DirectPlasmaBldgWest"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
33	594961.46	4791453.55	3.50	1	0	41.0	41.0	0.0	0.0	67.5	22.0	-3.6	0.0	0.0	25.0	-0.0	16.0	-85.9	-85.9
34	594961.46	4791453.55	3.50	1	0	65.7	65.7	0.0	0.0	69.3	3.3	-3.8	0.0	0.0	4.8	-0.0	2.0	-9.9	-9.9
35	594961.46	4791453.55	9.50	1	0	41.0	41.0	0.0	0.0	67.5	22.0	-2.9	0.0	0.0	24.1	-0.0	16.0	-85.7	-85.7
36	594961.46	4791453.55	9.50	1	0	65.7	65.7	0.0	0.0	69.3	3.3	-3.3	0.0	0.0	4.8	-0.0	2.0	-10.4	-10.4
37	594961.46	4791453.55	0.50	1	0	41.0	41.0	0.0	0.0	67.5	22.0	-4.1	0.0	0.0	25.0	-0.0	16.0	-85.3	-85.3
38	594961.46	4791453.55	0.50	1	0	65.7	65.7	0.0	0.0	69.3	3.3	-3.9	0.0	0.0	4.8	-0.0	2.0	-9.7	-9.7
39	594961.46	4791453.55	1.50	1	0	41.0	41.0	0.0	0.0	67.5	22.0	-3.9	0.0	0.0	25.0	-0.0	16.0	-85.6	-85.6
40	594961.46	4791453.55	1.50	1	0	65.7	65.7	0.0	0.0	69.3	3.3	-3.8	0.0	0.0	4.8	-0.0	2.0	-9.8	-9.8
41	594965.95	4791468.92	7.50	1	0	65.8	65.8	0.0	0.0	69.1	2.0	-3.4	0.0	0.0	4.8	-0.0	2.0	-8.7	-8.7
42	594965.95	4791468.92	9.50	1	0	65.8	65.8	0.0	0.0	69.1	2.0	-3.2	0.0	0.0	4.8	-0.0	2.0	-8.8	-8.8
43	594965.95	4791468.92	5.50	1	0	65.8	65.8	0.0	0.0	69.1	2.0	-3.6	0.0	0.0	4.8	-0.0	2.0	-8.5	-8.5
44	594965.95	4791468.92	1.50	1	0	65.8	65.8	0.0	0.0	69.1	2.0	-3.0	0.0	0.0	4.8	-0.0	2.0	-9.1	-9.1
45	594965.95	4791468.92	4.50	1	0	65.8	65.8	0.0	0.0	69.1	2.0	-3.6	0.0	0.0	4.8	-0.0	2.0	-8.4	-8.4
46	594965.95	4791468.92	0.50	1	0	65.8	65.8	0.0	0.0	69.1	2.0	-1.8	0.0	0.0	4.8	-0.0	2.0	-10.3	-10.3
47	594965.95	4791468.92	6.50	1	0	65.8	65.8	0.0	0.0	69.1	2.0	-3.5	0.0	0.0	4.8	-0.0	2.0	-8.6	-8.6
48	594965.95	4791468.92	3.50	1	0	65.8	65.8	0.0	0.0	69.1	2.0	-3.7	0.0	0.0	4.8	-0.0	2.0	-8.3	-8.3
49	594965.95	4791468.92	8.50	1	0	65.8	65.8	0.0	0.0	69.1	2.0	-3.3	0.0	0.0	4.8	-0.0	2.0	-8.8	-8.8
50	594965.95	4791468.92	2.50	1	0	65.8	65.8	0.0	0.0	69.1	2.0	-3.7	0.0	0.0	4.8	-0.0	2.0	-8.4	-8.4

vert. Area Source, ISO 9613, Name: "Direct Plasma Building South", ID: "DirectPlasmaBldgSouth"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	594974.42	4791436.97	4.50	0	0	73.9	73.9	0.0	0.0	67.1	0.8	-2.6	0.0	0.0	0.0	-0.0	-0.0	8.7	8.7
2	594974.42	4791436.97	9.50	0	0	73.9	73.9	0.0	0.0	67.1	0.8	-2.4	0.0	0.0	0.0	-0.0	-0.0	8.5	8.5
3	594974.42	4791436.97	3.50	0	0	73.9	73.9	0.0	0.0	67.1	0.8	-2.5	0.0	0.0	0.0	-0.0	-0.0	8.7	8.7
4	594974.42	4791436.97	6.50	0	0	73.9	73.9	0.0	0.0	67.1	0.8	-2.5	0.0	0.0	0.0	-0.0	-0.0	8.7	8.7
5	594974.42	4791436.97	2.50	0	0	73.9	73.9	0.0	0.0	67.1	0.8	-2.4	0.0	0.0	0.0	-0.0	-0.0	8.6	8.6
6	594974.42	4791436.97	8.50	0	0	73.9	73.9	0.0	0.0	67.1	0.8	-2.4	0.0	0.0	0.0	-0.0	-0.0	8.6	8.6
7	594974.42	4791436.97	0.50	0	0	73.9	73.9	0.0	0.0	67.1	0.8	-1.7	0.0	0.0	0.0	-0.0	-0.0	7.9	7.9
8	594974.42	4791436.97	7.50	0	0	73.9	73.9	0.0	0.0	67.1	0.8	-2.5	0.0	0.0	0.0	-0.0	-0.0	8.6	8.6
9	594974.42	4791436.97	1.50	0	0	73.9	73.9	0.0	0.0	67.1	0.8	-2.1	0.0	0.0	0.0	-0.0	-0.0	8.3	8.3
10	594974.42	4791436.97	5.50	0	0	73.9	73.9	0.0	0.0	67.1	0.8	-2.6	0.0	0.0	0.0	-0.0	-0.0	8.7	8.7
11	594962.78	4791440.46	1.50	0	0	72.3	72.3	0.0	0.0	67.0	0.8	-2.2	0.0	0.0	0.0	-0.0	-0.0	6.6	6.6
12	594962.78	4791440.46	0.50	0	0	72.3	72.3	0.0	0.0	67.0	0.8	-1.8	0.0	0.0	0.0	-0.0	-0.0	6.3	6.3
13	594962.78	4791440.46	3.50	0	0	72.3	72.3	0.0	0.0	67.0	0.8	-2.6	0.0	0.0	0.0	-0.0	-0.0	7.0	7.0
14	594962.78	4791440.46	2.50	0	0	72.3	72.3	0.0	0.0	67.0	0.8	-2.5	0.0	0.0	0.0	-0.0	-0.0	7.0	7.0
15	594962.78	4791440.46	4.50	0	0	72.3	72.3	0.0	0.0	67.0	0.8	-2.6	0.0	0.0	0.0	-0.0	-0.0	7.1	7.1
16	594962.78	4791440.46	5.50	0	0	72.3	72.3	0.0	0.0	67.0	0.8	-2.6	0.0	0.0	0.0	-0.0	-0.0	7.1	7.1
17	594962.78	4791440.46	6.50	0	0	72.3	72.3	0.0	0.0	67.0	0.8	-2.6	0.0	0.0	0.0	-0.0	-0.0	7.0	7.0
18	594962.78	4791440.46	8.50	0	0	72.3	72.3	0.0	0.0	67.0	0.8	-2.5	0.0	0.0	0.0	-0.0	-0.0	7.0	7.0
19	594962.78	4791440.46	9.50	0	0	72.3	72.3	0.0	0.0	67.0	0.8	-2.4	0.0	0.0	0.0	-0.0	-0.0	6.9	6.9
20	594962.78	4791440.46	7.50	0	0	72.3	72.3	0.0	0.0	67.0	0.8	-2.6	0.0	0.0	0.0	-0.0	-0.0	7.0	7.0
21	594974.42	4791436.97	4.50	1	0	63.4	63.4	0.0	0.0	67.4	2.6	-3.4	0.0	0.0	25.0	-0.0	13.3	-41.5	-41.5
22	594974.42	4791436.97	9.50	1	0	63.4	63.4	0.0	0.0	67.4	2.6	-2.9	0.0	0.0	18.3	-0.0	13.3	-35.3	-35.3
23	594974.42	4791436.97	3.50	1	0	63.4	63.4	0.0	0.0	67.4	2.6	-3.5	0.0	0.0	25.0	-0.0	13.3	-41.4	-41.4
24	594974.42	4791436.97	6.50	1	0	63.4	63.4	0.0	0.0	67.4	2.6	-3.2	0.0	0.0	25.0	-0.0	13.3	-41.7	-41.7
25	594974.42	4791436.97	2.50	1	0	63.4	63.4	0.0	0.0	67.4	2.6	-3.6	0.0	0.0	25.0	-0.0	13.3	-41.3	-41.3
26	594974.42	4791436.97	8.50	1	0	63.4	63.4	0.0	0.0	67.4	2.6	-3.0	0.0	0.0	23.2	-0.0	13.3	-40.1	-40.1
27	594974.42	4791436.97	0.50	1	0	63.4	63.4	0.0	0.0	67.4	2.6	-3.5	0.0	0.0	25.0	-0.0	13.3	-41.4	-41.4
28	594974.42	4791436.97	7.50	1	0	63.4	63.4	0.0	0.0	67.4	2.6	-3.1	0.0	0.0	25.0	-0.0	13.3	-41.8	-41.8
29	594974.42	4791436.97	1.50	1	0	63.4	63.4	0.0	0.0	67.4	2.6	-3.7	0.0	0.0	25.0	-0.0	13.3	-41.2	-41.2
30	594974.42	4791436.97	5.50	1	0	63.4	63.4	0.0	0.0	67.4	2.6	-3.3	0.0	0.0	25.0	-0.0	13.3	-41.6	-41.6
31	594962.78	4791440.46	1.50	1	0	51.0	51.0	0.0	0.0	67.5	6.6	-3.8	0.0	0.0	25.0	-0.0	15.1	-59.3	-59.3
32	594962.78	4791440.46	0.50	1	0	51.0	51.0	0.0	0.0	67.5	6.6	-4.1	0.0	0.0	25.0	-0.0	15.1	-59.1	-59.1
33	594962.78	4791440.46	3.50	1	0	51.0	51.0	0.0	0.0	67.5	6.6	-3.5	0.0	0.0	25.0	-0.0	15.1	-59.6	-59.6
34	594962.78	4791440.46	2.50	1	0	51.0	51.0	0.0	0.0	67.5	6.6	-3.7	0.0	0.0	25.0	-0.0	15.1	-59.5	-59.5
35	594962.78	4791440.46	4.50	1	0	51.0	51.0	0.0	0.0	67.5	6.6	-3.4	0.0	0.0	25.0	-0.0	15.1	-59.7	-59.7
36	594962.78	4791440.46	5.50	1	0	51.0	51.0	0.0	0.0	67.5	6.6	-3.3	0.0	0.0	25.0	-0.0	15.1	-59.9	-59.9
37	594962.78	4791440.46	6.50	1	0	51.0	51.0	0.0	0.0	67.5	6.6	-3.2	0.0	0.0	25.0	-0.0	15.1	-60.0	-60.0
38	594962.78	4791440.46	8.50	1	0	51.0	51.0	0.0	0.0	67.5	6.6	-3.0	0.0	0.0	25.0	-0.0	15.1	-60.2	-60.2
39	594962.78	4791440.46	9.50	1	0	51.0	51.0	0.0	0.0	67.5	6.6	-2.9	0.0	0.0	21.3	-0.0	15.1	-56.5	-56.5
40	594962.78	4791440.46	7.50	1	0	51.0	51.0	0.0	0.0	67.5	6.6	-3.1	0.0	0.0	25.0	-0.0	15.1	-60.1	-60.1

vert. Area Source, ISO 9613, Name: "Direct Plasma Building East1", ID: "DirectPlasmaBldgEast1"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	594981.94	4791437.13	9.50	0	0	69.0	69.0	0.0	0.0	67.1	0.8	-2.4	0.0	0.0	3.4	-0.0	-0.0	0.0	0.0
2	594981.94	4791437.13	8.50	0	0	69.0	69.0	0.0	0.0	67.1	0.8	-2.4	0.0	0.0	4.3	-0.0	-0.0	-0.8	-0.8

vert. Area Source, ISO 9613, Name: "Direct Plasma Building East1", ID: "DirectPlasmaBldgEast1"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
3	594981.94	4791437.13	7.50	0	0	69.0	69.0	0.0	0.0	67.1	0.8	-2.5	0.0	0.0	4.6	-0.0	-0.0	-1.0	-1.0
4	594981.94	4791437.13	6.50	0	0	69.0	69.0	0.0	0.0	67.1	0.8	-2.5	0.0	0.0	4.8	-0.0	-0.0	-1.1	-1.1
5	594981.94	4791437.13	5.50	0	0	69.0	69.0	0.0	0.0	67.1	0.8	-2.5	0.0	0.0	4.8	-0.0	-0.0	-1.2	-1.2
6	594981.94	4791437.13	4.50	0	0	69.0	69.0	0.0	0.0	67.1	0.8	-2.6	0.0	0.0	4.9	-0.0	-0.0	-1.2	-1.2
7	594981.94	4791437.13	3.50	0	0	69.0	69.0	0.0	0.0	67.1	0.8	-2.5	0.0	0.0	4.9	-0.0	-0.0	-1.3	-1.3
8	594981.94	4791437.13	2.50	0	0	69.0	69.0	0.0	0.0	67.1	0.8	-2.4	0.0	0.0	5.0	-0.0	-0.0	-1.4	-1.4
9	594981.94	4791437.13	1.50	0	0	69.0	69.0	0.0	0.0	67.1	0.8	-2.2	0.0	0.0	5.0	-0.0	-0.0	-1.7	-1.7
10	594981.94	4791437.13	0.50	0	0	69.0	69.0	0.0	0.0	67.1	0.8	-2.0	0.0	0.0	5.0	-0.0	-0.0	-1.9	-1.9
11	594982.97	4791441.09	2.50	0	0	67.9	67.9	0.0	0.0	67.2	0.8	-2.5	0.0	0.0	5.6	-0.0	-0.0	-3.1	-3.1
12	594982.97	4791441.09	3.50	0	0	67.9	67.9	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	5.5	-0.0	-0.0	-3.0	-3.0
13	594982.97	4791441.09	5.50	0	0	67.9	67.9	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	5.4	-0.0	-0.0	-2.9	-2.9
14	594982.97	4791441.09	4.50	0	0	67.9	67.9	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	5.5	-0.0	-0.0	-2.9	-2.9
15	594982.97	4791441.09	7.50	0	0	67.9	67.9	0.0	0.0	67.2	0.8	-2.5	0.0	0.0	5.2	-0.0	-0.0	-2.7	-2.7
16	594982.97	4791441.09	8.50	0	0	67.9	67.9	0.0	0.0	67.2	0.8	-2.4	0.0	0.0	4.9	-0.0	-0.0	-2.5	-2.5
17	594982.97	4791441.09	6.50	0	0	67.9	67.9	0.0	0.0	67.2	0.8	-2.5	0.0	0.0	5.4	-0.0	-0.0	-2.8	-2.8
18	594982.97	4791441.09	9.50	0	0	67.9	67.9	0.0	0.0	67.2	0.8	-2.4	0.0	0.0	3.7	-0.0	-0.0	-1.4	-1.4
19	594982.97	4791441.09	0.50	0	0	67.9	67.9	0.0	0.0	67.2	0.8	-2.9	0.0	0.0	5.6	-0.0	-0.0	-2.8	-2.8
20	594982.97	4791441.09	1.50	0	0	67.9	67.9	0.0	0.0	67.2	0.8	-2.4	0.0	0.0	5.6	-0.0	-0.0	-3.2	-3.2
21	594981.94	4791437.13	9.50	1	0	58.4	58.4	0.0	0.0	67.4	2.6	-2.9	0.0	0.0	18.3	-0.0	13.2	-40.2	-40.2
22	594981.94	4791437.13	8.50	1	0	58.4	58.4	0.0	0.0	67.4	2.6	-3.0	0.0	0.0	23.2	-0.0	13.2	-45.0	-45.0
23	594981.94	4791437.13	7.50	1	0	58.4	58.4	0.0	0.0	67.4	2.6	-3.1	0.0	0.0	25.0	-0.0	13.2	-46.7	-46.7
24	594981.94	4791437.13	6.50	1	0	58.4	58.4	0.0	0.0	67.4	2.6	-3.2	0.0	0.0	25.0	-0.0	13.2	-46.6	-46.6
25	594981.94	4791437.13	5.50	1	0	58.4	58.4	0.0	0.0	67.4	2.6	-3.3	0.0	0.0	25.0	-0.0	13.2	-46.5	-46.5
26	594981.94	4791437.13	4.50	1	0	58.4	58.4	0.0	0.0	67.4	2.6	-3.4	0.0	0.0	25.0	-0.0	13.2	-46.4	-46.4
27	594981.94	4791437.13	3.50	1	0	58.4	58.4	0.0	0.0	67.4	2.6	-3.5	0.0	0.0	25.0	-0.0	13.2	-46.3	-46.3
28	594981.94	4791437.13	2.50	1	0	58.4	58.4	0.0	0.0	67.4	2.6	-3.6	0.0	0.0	25.0	-0.0	13.2	-46.2	-46.2
29	594981.94	4791437.13	1.50	1	0	58.4	58.4	0.0	0.0	67.4	2.6	-3.7	0.0	0.0	25.0	-0.0	13.2	-46.1	-46.1
30	594981.94	4791437.13	0.50	1	0	58.4	58.4	0.0	0.0	67.4	2.6	-3.4	0.0	0.0	25.0	-0.0	13.2	-46.4	-46.4
31	594982.97	4791441.09	2.50	1	0	57.4	57.4	0.0	0.0	67.3	2.6	-3.6	0.0	0.0	25.0	-0.0	11.9	-45.9	-45.9
32	594982.97	4791441.09	3.50	1	0	57.4	57.4	0.0	0.0	67.3	2.6	-3.5	0.0	0.0	25.0	-0.0	11.9	-46.0	-46.0
33	594982.97	4791441.09	5.50	1	0	57.4	57.4	0.0	0.0	67.3	2.6	-3.3	0.0	0.0	25.0	-0.0	11.9	-46.3	-46.3
34	594982.97	4791441.09	4.50	1	0	57.4	57.4	0.0	0.0	67.3	2.6	-3.4	0.0	0.0	25.0	-0.0	11.9	-46.2	-46.2
35	594982.97	4791441.09	7.50	1	0	57.4	57.4	0.0	0.0	67.3	2.6	-3.1	0.0	0.0	25.0	-0.0	11.9	-46.5	-46.5
36	594982.97	4791441.09	8.50	1	0	57.4	57.4	0.0	0.0	67.3	2.6	-2.9	0.0	0.0	23.1	-0.0	11.9	-44.7	-44.7
37	594982.97	4791441.09	6.50	1	0	57.4	57.4	0.0	0.0	67.3	2.6	-3.2	0.0	0.0	25.0	-0.0	11.9	-46.4	-46.4
38	594982.97	4791441.09	9.50	1	0	57.4	57.4	0.0	0.0	67.3	2.6	-2.8	0.0	0.0	18.0	-0.0	11.9	-39.7	-39.7
39	594982.97	4791441.09	0.50	1	0	57.4	57.4	0.0	0.0	67.3	2.6	-3.2	0.0	0.0	25.0	-0.0	11.9	-46.3	-46.3
40	594982.97	4791441.09	1.50	1	0	57.4	57.4	0.0	0.0	67.3	2.6	-3.6	0.0	0.0	25.0	-0.0	11.9	-45.9	-45.9

vert. Area Source, ISO 9613, Name: "Direct Plasma Building North2", ID: "DirectPlasmaBldgNorth2"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	594977.92	4791444.55	3.50	0	0	68.5	68.5	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	16.1	-0.0	-0.0	-12.9	-12.9
2	594977.92	4791444.55	0.50	0	0	68.5	68.5	0.0	0.0	67.2	0.8	-3.3	0.0	0.0	16.9	-0.0	-0.0	-13.0	-13.0
3	594977.92	4791444.55	6.50	0	0	68.5	68.5	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	14.7	-0.0	-0.0	-11.5	-11.5
4	594977.92	4791444.55	4.50	0	0	68.5	68.5	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	15.8	-0.0	-0.0	-12.6	-12.6
5	594977.92	4791444.55	5.50	0	0	68.5	68.5	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	15.3	-0.0	-0.0	-12.1	-12.1
6	594977.92	4791444.55	8.50	0	0	68.5	68.5	0.0	0.0	67.2	0.8	-2.5	0.0	0.0	12.4	-0.0	-0.0	-9.3	-9.3
7	594977.92	4791444.55	7.50	0	0	68.5	68.5	0.0	0.0	67.2	0.8	-2.5	0.0	0.0	13.8	-0.0	-0.0	-10.7	-10.7
8	594977.92	4791444.55	9.50	0	0	68.5	68.5	0.0	0.0	67.2	0.8	-2.3	0.0	0.0	9.8	-0.0	-0.0	-6.8	-6.8
9	594977.92	4791444.55	1.50	0	0	68.5	68.5	0.0	0.0	67.2	0.8	-2.8	0.0	0.0	16.7	-0.0	-0.0	-13.3	-13.3
10	594977.92	4791444.55	2.50	0	0	68.5	68.5	0.0	0.0	67.2	0.8	-2.8	0.0	0.0	16.4	-0.0	-0.0	-13.1	-13.1
11	594981.65	4791443.39	6.50	0	0	68.0	68.0	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	12.7	-0.0	-0.0	-10.1	-10.1
12	594981.65	4791443.39	7.50	0	0	68.0	68.0	0.0	0.0	67.2	0.8	-2.5	0.0	0.0	12.2	-0.0	-0.0	-9.6	-9.6
13	594981.65	4791443.39	8.50	0	0	68.0	68.0	0.0	0.0	67.2	0.8	-2.5	0.0	0.0	11.2	-0.0	-0.0	-8.6	-8.6
14	594981.65	4791443.39	9.50	0	0	68.0	68.0	0.0	0.0	67.2	0.8	-2.4	0.0	0.0	8.8	-0.0	-0.0	-6.3	-6.3
15	594981.65	4791443.39	5.50	0	0	68.0	68.0	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	13.1	-0.0	-0.0	-10.5	-10.5
16	594981.65	4791443.39	4.50	0	0	68.0	68.0	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	13.4	-0.0	-0.0	-10.7	-10.7
17	594981.65	4791443.39	3.50	0	0	68.0	68.0	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	13.6	-0.0	-0.0	-10.9	-10.9
18	594981.65	4791443.39	2.50	0	0	68.0	68.0	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	13.8	-0.0	-0.0	-11.0	-11.0
19	594981.65	4791443.39	0.50	0	0	68.0	68.0	0.0	0.0	67.2	0.8	-3.2	0.0	0.0	14.0	-0.0	-0.0	-10.7	-10.7
20	594981.65	4791443.39	1.50	0	0	68.0	68.0	0.0	0.0	67.2	0.8	-2.8	0.0	0.0	13.9	-0.0	-0.0	-11.1	-11.1
21	594977.92	4791444.55	3.50	1	0	63.1	63.1	0.0	0.0	67.3	1.6	-3.5	0.0	0.0	21.1	-0.0	8.8	-32.2	-32.2
22	594977.92	4791444.55	0.50	1	0	63.1	63.1	0.0	0.0	67.3	1.6	-2.8	0.0	0.0	23.8	-0.0	8.8	-35.6	-35.6
23	594977.92	4791444.55	6.50	1	0	63.1	63.1	0.0	0.0	67.3	1.6	-3.1	0.0	0.0	15.4	-0.0	8.8	-26.8	-26.8
24	594977.92	4791444.55	4.50	1	0	63.1	63.1	0.0	0.0	67.3	1.6	-3.4	0.0	0.0	19.6	-0.0	8.8	-30.8	-30.8
25	594977.92	4791444.55	5.50	1	0	63.1	63.1	0.0	0.0	67.3	1.6	-3.3	0.0	0.0	17.8	-0.0	8.8	-29.1	-29.1
26	594977.92	4791444.55	8.50	1	0	63.1	63.1	0.0	0.0	67.3	1.6	-2.9	0.0	0.0	7.7	-0.0	8.8	-19.3	-19.3

vert. Area Source, ISO 9613, Name: "Direct Plasma Building North2", ID: "DirectPlasmaBldgNorth2"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
27	594977.92	4791444.55	7.50	1	0	63.1	63.1	0.0	0.0	67.3	1.6	-3.0	0.0	0.0	12.1	-0.0	8.8	-23.6	-23.6
28	594977.92	4791444.55	9.50	1	0	63.1	63.1	0.0	0.0	67.3	1.6	-2.8	0.0	0.0	4.8	-0.0	8.8	-16.5	-16.5
29	594977.92	4791444.55	1.50	1	0	63.1	63.1	0.0	0.0	67.3	1.6	-2.9	0.0	0.0	23.1	-0.0	8.8	-34.7	-34.7
30	594977.92	4791444.55	2.50	1	0	63.1	63.1	0.0	0.0	67.3	1.6	-3.4	0.0	0.0	22.2	-0.0	8.8	-33.3	-33.3
31	594981.65	4791443.39	6.50	1	0	62.6	62.6	0.0	0.0	67.3	1.6	-3.1	0.0	0.0	14.2	-0.0	10.3	-27.7	-27.7
32	594981.65	4791443.39	7.50	1	0	62.6	62.6	0.0	0.0	67.3	1.6	-3.0	0.0	0.0	10.9	-0.0	10.3	-24.5	-24.5
33	594981.65	4791443.39	8.50	1	0	62.6	62.6	0.0	0.0	67.3	1.6	-2.9	0.0	0.0	6.9	-0.0	10.3	-20.5	-20.5
34	594981.65	4791443.39	9.50	1	0	62.6	62.6	0.0	0.0	67.3	1.6	-2.8	0.0	0.0	4.8	-0.0	10.3	-18.6	-18.6
35	594981.65	4791443.39	5.50	1	0	62.6	62.6	0.0	0.0	67.3	1.6	-3.3	0.0	0.0	16.7	-0.0	10.3	-30.1	-30.1
36	594981.65	4791443.39	4.50	1	0	62.6	62.6	0.0	0.0	67.3	1.6	-3.4	0.0	0.0	18.7	-0.0	10.3	-31.9	-31.9
37	594981.65	4791443.39	3.50	1	0	62.6	62.6	0.0	0.0	67.3	1.6	-3.5	0.0	0.0	20.2	-0.0	10.3	-33.4	-33.4
38	594981.65	4791443.39	2.50	1	0	62.6	62.6	0.0	0.0	67.3	1.6	-3.4	0.0	0.0	21.5	-0.0	10.3	-34.6	-34.6
39	594981.65	4791443.39	0.50	1	0	62.6	62.6	0.0	0.0	67.3	1.6	-2.3	0.0	0.0	23.3	-0.0	10.3	-37.6	-37.6
40	594981.65	4791443.39	1.50	1	0	62.6	62.6	0.0	0.0	67.3	1.6	-2.8	0.0	0.0	22.5	-0.0	10.3	-36.2	-36.2

vert. Area Source, ISO 9613, Name: "Direct Plasma Building East2", ID: "DirectPlasmaBldgEast2"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	594979.98	4791460.35	1.50	0	0	74.5	74.5	0.0	0.0	67.4	0.8	-3.2	0.0	0.0	15.3	-0.0	-0.0	-5.8	-5.8
2	594979.98	4791460.35	2.50	0	0	74.5	74.5	0.0	0.0	67.4	0.8	-3.0	0.0	0.0	15.2	-0.0	-0.0	-5.8	-5.8
3	594979.98	4791460.35	3.50	0	0	74.5	74.5	0.0	0.0	67.4	0.8	-2.9	0.0	0.0	15.0	-0.0	-0.0	-5.7	-5.7
4	594979.98	4791460.35	4.50	0	0	74.5	74.5	0.0	0.0	67.4	0.8	-2.8	0.0	0.0	14.8	-0.0	-0.0	-5.6	-5.6
5	594979.98	4791460.35	5.50	0	0	74.5	74.5	0.0	0.0	67.4	0.8	-2.8	0.0	0.0	14.5	-0.0	-0.0	-5.4	-5.4
6	594979.98	4791460.35	6.50	0	0	74.5	74.5	0.0	0.0	67.4	0.8	-2.7	0.0	0.0	14.1	-0.0	-0.0	-5.0	-5.0
7	594979.98	4791460.35	0.50	0	0	74.5	74.5	0.0	0.0	67.4	0.8	-3.5	0.0	0.0	15.4	-0.0	-0.0	-5.5	-5.5
8	594979.98	4791460.35	9.50	0	0	74.5	74.5	0.0	0.0	67.4	0.8	-2.5	0.0	0.0	9.8	-0.0	-0.0	-1.0	-1.0
9	594979.98	4791460.35	7.50	0	0	74.5	74.5	0.0	0.0	67.4	0.8	-2.7	0.0	0.0	13.5	-0.0	-0.0	-4.4	-4.4
10	594979.98	4791460.35	8.50	0	0	74.5	74.5	0.0	0.0	67.4	0.8	-2.6	0.0	0.0	12.3	-0.0	-0.0	-3.3	-3.3
11	594976.91	4791448.76	0.50	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-3.6	0.0	0.0	16.8	-0.0	-0.0	-10.1	-10.1
12	594976.91	4791448.76	6.50	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	14.6	-0.0	-0.0	-8.9	-8.9
13	594976.91	4791448.76	8.50	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-2.5	0.0	0.0	11.8	-0.0	-0.0	-6.3	-6.3
14	594976.91	4791448.76	4.50	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	15.7	-0.0	-0.0	-9.9	-9.9
15	594976.91	4791448.76	7.50	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-2.6	0.0	0.0	13.6	-0.0	-0.0	-7.9	-7.9
16	594976.91	4791448.76	9.50	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-2.3	0.0	0.0	8.1	-0.0	-0.0	-2.7	-2.7
17	594976.91	4791448.76	1.50	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-2.9	0.0	0.0	16.6	-0.0	-0.0	-10.6	-10.6
18	594976.91	4791448.76	2.50	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-2.8	0.0	0.0	16.4	-0.0	-0.0	-10.5	-10.5
19	594976.91	4791448.76	5.50	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-2.7	0.0	0.0	15.3	-0.0	-0.0	-9.5	-9.5
20	594976.91	4791448.76	3.50	0	0	71.1	71.1	0.0	0.0	67.2	0.8	-2.8	0.0	0.0	16.1	-0.0	-0.0	-10.2	-10.2
21	594976.91	4791448.76	0.50	1	0	69.2	69.2	0.0	0.0	67.3	1.1	-2.9	0.0	0.0	21.3	-0.0	5.9	-23.5	-23.5
22	594976.91	4791448.76	6.50	1	0	69.2	69.2	0.0	0.0	67.3	1.1	-2.8	0.0	0.0	13.8	-0.0	5.9	-16.1	-16.1
23	594976.91	4791448.76	8.50	1	0	69.2	69.2	0.0	0.0	67.3	1.1	-2.6	0.0	0.0	7.6	-0.0	5.9	-10.0	-10.0
24	594976.91	4791448.76	4.50	1	0	69.2	69.2	0.0	0.0	67.3	1.1	-2.8	0.0	0.0	17.5	-0.0	5.9	-19.7	-19.7
25	594976.91	4791448.76	7.50	1	0	69.2	69.2	0.0	0.0	67.3	1.1	-2.7	0.0	0.0	11.1	-0.0	5.9	-13.4	-13.4
26	594976.91	4791448.76	9.50	1	0	69.2	69.2	0.0	0.0	67.3	1.1	-2.6	0.0	0.0	4.9	-0.0	5.9	-7.3	-7.3
27	594976.91	4791448.76	1.50	1	0	69.2	69.2	0.0	0.0	67.3	1.1	-2.1	0.0	0.0	20.6	-0.0	5.9	-23.5	-23.5
28	594976.91	4791448.76	2.50	1	0	69.2	69.2	0.0	0.0	67.3	1.1	-2.4	0.0	0.0	19.8	-0.0	5.9	-22.4	-22.4
29	594976.91	4791448.76	5.50	1	0	69.2	69.2	0.0	0.0	67.3	1.1	-2.8	0.0	0.0	15.9	-0.0	5.9	-18.1	-18.1
30	594976.91	4791448.76	3.50	1	0	69.2	69.2	0.0	0.0	67.3	1.1	-2.6	0.0	0.0	18.7	-0.0	5.9	-21.2	-21.2

vert. Area Source, ISO 9613, Name: "FuelPrepBayDoor1", ID: "FuelPrepBayDoor1"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595081.10	4791520.73	4.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.4	-0.0	-0.0	-15.5	-15.5
2	595081.10	4791520.73	3.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.5	-0.0	-0.0	-15.4	-15.4
3	595081.10	4791520.73	1.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-4.1	0.0	0.0	24.5	-0.0	-0.0	-15.2	-15.2
4	595081.10	4791520.73	2.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.5	-0.0	-0.0	-15.3	-15.3
5	595081.10	4791520.73	0.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.6	-0.0	-0.0	-15.3	-15.3
6	595081.10	4791520.73	5.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-3.4	0.0	0.0	24.3	-0.0	-0.0	-15.6	-15.6
7	595078.22	4791521.54	1.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.5	-0.0	-0.0	-15.8	-15.8
8	595078.22	4791521.54	5.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-3.4	0.0	0.0	24.3	-0.0	-0.0	-16.1	-16.1
9	595078.22	4791521.54	3.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.4	-0.0	-0.0	-15.9	-15.9
10	595078.22	4791521.54	4.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.4	-0.0	-0.0	-16.1	-16.1
11	595078.22	4791521.54	2.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.5	-0.0	-0.0	-15.8	-15.8
12	595078.22	4791521.54	0.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.6	-0.0	-0.0	-15.9	-15.9

vert. Area Source, ISO 9613, Name: "FuelPrepBayDoor2", ID: "FuelPrepBayDoor2"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595088.05	4791518.76	1.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-15.3	-15.3
2	595088.05	4791518.76	3.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.5	-0.0	-0.0	-15.4	-15.4
3	595088.05	4791518.76	4.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.4	-0.0	-0.0	-15.6	-15.6
4	595088.05	4791518.76	5.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-3.4	0.0	0.0	24.3	-0.0	-0.0	-15.6	-15.6
5	595088.05	4791518.76	0.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.6	-0.0	-0.0	-15.4	-15.4
6	595088.05	4791518.76	2.50	0	0	76.5	76.5	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.5	-0.0	-0.0	-15.3	-15.3
7	595085.13	4791519.59	2.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.5	-0.0	-0.0	-15.9	-15.9
8	595086.49	4791519.20	2.50	0	0	56.8	56.8	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.5	-0.0	-0.0	-35.0	-35.0
9	595085.13	4791519.59	3.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.5	-0.0	-0.0	-16.0	-16.0
10	595086.49	4791519.20	3.50	0	0	56.8	56.8	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.5	-0.0	-0.0	-35.1	-35.1
11	595085.13	4791519.59	0.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.6	-0.0	-0.0	-16.0	-16.0
12	595086.49	4791519.20	0.50	0	0	56.8	56.8	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.6	-0.0	-0.0	-35.1	-35.1
13	595085.13	4791519.59	5.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-3.4	0.0	0.0	24.3	-0.0	-0.0	-16.2	-16.2
14	595086.49	4791519.20	5.50	0	0	56.8	56.8	0.0	0.0	68.6	2.6	-3.4	0.0	0.0	24.3	-0.0	-0.0	-35.3	-35.3
15	595085.13	4791519.59	1.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-15.9	-15.9
16	595086.49	4791519.20	1.50	0	0	56.8	56.8	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-35.0	-35.0
17	595085.13	4791519.59	4.50	0	0	75.9	75.9	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.4	-0.0	-0.0	-16.2	-16.2
18	595086.49	4791519.20	4.50	0	0	56.8	56.8	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.4	-0.0	-0.0	-35.3	-35.3

vert. Area Source, ISO 9613, Name: "FuelPrepBayDoor3", ID: "FuelPrepBayDoor3"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595094.79	4791516.86	5.50	0	0	76.9	76.9	0.0	0.0	68.6	2.6	-3.5	0.0	0.0	24.4	-0.0	-0.0	-15.1	-15.1
2	595094.79	4791516.86	4.50	0	0	76.9	76.9	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.5	-0.0	-0.0	-15.1	-15.1
3	595094.79	4791516.86	3.50	0	0	76.9	76.9	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.5	-0.0	-0.0	-15.0	-15.0
4	595094.79	4791516.86	2.50	0	0	76.9	76.9	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-14.8	-14.8
5	595094.79	4791516.86	1.50	0	0	76.9	76.9	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-14.8	-14.8
6	595094.79	4791516.86	0.50	0	0	76.9	76.9	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-14.9	-14.9
7	595091.90	4791517.67	2.50	0	0	75.3	75.3	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.5	-0.0	-0.0	-16.4	-16.4
8	595091.90	4791517.67	4.50	0	0	75.3	75.3	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.4	-0.0	-0.0	-16.7	-16.7
9	595091.90	4791517.67	3.50	0	0	75.3	75.3	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.5	-0.0	-0.0	-16.5	-16.5
10	595091.90	4791517.67	5.50	0	0	75.3	75.3	0.0	0.0	68.6	2.6	-3.5	0.0	0.0	24.3	-0.0	-0.0	-16.7	-16.7
11	595091.90	4791517.67	0.50	0	0	75.3	75.3	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.6	-0.0	-0.0	-16.5	-16.5
12	595091.90	4791517.67	1.50	0	0	75.3	75.3	0.0	0.0	68.6	2.6	-4.1	0.0	0.0	24.6	-0.0	-0.0	-16.4	-16.4

vert. Area Source, ISO 9613, Name: "FuelPrepBayDoor4", ID: "FuelPrepBayDoor4"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595101.81	4791514.87	5.50	0	0	76.7	76.7	0.0	0.0	68.6	2.6	-3.5	0.0	0.0	24.6	-0.0	-0.0	-15.6	-15.6
2	595101.81	4791514.87	2.50	0	0	76.7	76.7	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-15.1	-15.1
3	595101.81	4791514.87	3.50	0	0	76.7	76.7	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.5	-0.0	-0.0	-15.2	-15.2
4	595101.81	4791514.87	1.50	0	0	76.7	76.7	0.0	0.0	68.6	2.6	-4.1	0.0	0.0	24.6	-0.0	-0.0	-15.1	-15.1
5	595101.81	4791514.87	0.50	0	0	76.7	76.7	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-15.1	-15.1
6	595101.81	4791514.87	4.50	0	0	76.7	76.7	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.5	-0.0	-0.0	-15.4	-15.4
7	595098.91	4791515.69	3.50	0	0	75.7	75.7	0.0	0.0	68.6	2.6	-3.8	0.0	0.0	24.5	-0.0	-0.0	-16.3	-16.3
8	595098.91	4791515.69	5.50	0	0	75.7	75.7	0.0	0.0	68.6	2.6	-3.5	0.0	0.0	24.6	-0.0	-0.0	-16.7	-16.7
9	595098.91	4791515.69	4.50	0	0	75.7	75.7	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.5	-0.0	-0.0	-16.4	-16.4
10	595098.91	4791515.69	2.50	0	0	75.7	75.7	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-16.2	-16.2
11	595098.91	4791515.69	1.50	0	0	75.7	75.7	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-16.1	-16.1
12	595098.91	4791515.69	0.50	0	0	75.7	75.7	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.6	-0.0	-0.0	-16.3	-16.3

vert. Area Source, ISO 9613, Name: "FuelPrepBayDoor5", ID: "FuelPrepBayDoor5"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	595106.03	4791513.68	5.50	0	0	76.3	76.3	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.6	-0.0	-0.0	-16.0	-16.0
2	595106.03	4791513.68	4.50	0	0	76.3	76.3	0.0	0.0	68.6	2.6	-3.7	0.0	0.0	24.5	-0.0	-0.0	-15.8	-15.8
3	595106.03	4791513.68	1.50	0	0	76.3	76.3	0.0	0.0	68.6	2.6	-4.1	0.0	0.0	24.6	-0.0	-0.0	-15.5	-15.5
4	595106.03	4791513.68	0.50	0	0	76.3	76.3	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.7	-0.0	-0.0	-15.7	-15.7
5	595106.03	4791513.68	3.50	0	0	76.3	76.3	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.5	-0.0	-0.0	-15.7	-15.7
6	595106.03	4791513.68	2.50	0	0	76.3	76.3	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-15.6	-15.6
7	595108.92	4791512.86	5.50	0	0	76.2	76.2	0.0	0.0	68.6	2.6	-3.6	0.0	0.0	24.6	-0.0	-0.0	-16.1	-16.1
8	595108.92	4791512.86	4.50	0	0	76.2	76.2	0.0	0.0	68.6	2.6	-3.7	0.0	0.0	24.5	-0.0	-0.0	-15.9	-15.9
9	595108.92	4791512.86	3.50	0	0	76.2	76.2	0.0	0.0	68.6	2.6	-3.9	0.0	0.0	24.6	-0.0	-0.0	-15.7	-15.7
10	595108.92	4791512.86	2.50	0	0	76.2	76.2	0.0	0.0	68.6	2.6	-4.0	0.0	0.0	24.6	-0.0	-0.0	-15.7	-15.7
11	595108.92	4791512.86	1.50	0	0	76.2	76.2	0.0	0.0	68.6	2.6	-4.1	0.0	0.0	24.6	-0.0	-0.0	-15.6	-15.6
12	595108.92	4791512.86	0.50	0	0	76.2	76.2	0.0	0.0	68.6	2.6	-4.1	0.0	0.0	24.7	-0.0	-0.0	-15.7	-15.7

vert. Area Source, ISO 9613, Name: "WasteStorageBayDoor1", ID: "WasteStorageBayDoor1"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	LrT dB(A)	LrN dB(A)
1	594992.28	4791451.29	4.50	0	0	84.3	84.3	0.0	0.0	67.3	2.0	-3.0	0.0	0.0	0.0	-0.0	-0.0	18.0	18.0
2	594992.28	4791451.29	5.50	0	0	84.3	84.3	0.0	0.0	67.3	2.0	-2.9	0.0	0.0	0.0	-0.0	-0.0	18.0	18.0
3	594992.28	4791451.29	2.50	0	0	84.3	84.3	0.0	0.0	67.3	2.0	-3.1	0.0	0.0	0.0	-0.0	-0.0	18.1	18.1
4	594992.28	4791451.29	3.50	0	0	84.3	84.3	0.0	0.0	67.3	2.0	-3.1	0.0	0.0	0.0	-0.0	-0.0	18.1	18.1
5	594992.28	4791451.29	1.50	0	0	84.3	84.3	0.0	0.0	67.3	2.0	-2.9	0.0	0.0	0.0	-0.0	-0.0	17.9	17.9
6	594992.28	4791451.29	0.50	0	0	84.3	84.3	0.0	0.0	67.3	2.0	-2.4	0.0	0.0	0.0	-0.0	-0.0	17.4	17.4
7	594990.52	4791451.78	3.50	0	0	77.8	77.8	0.0	0.0	67.3	2.0	-3.1	0.0	0.0	0.0	-0.0	-0.0	11.6	11.6
8	594990.52	4791451.78	4.50	0	0	77.8	77.8	0.0	0.0	67.3	2.0	-3.0	0.0	0.0	0.0	-0.0	-0.0	11.5	11.5
9	594990.52	4791451.78	0.50	0	0	77.8	77.8	0.0	0.0	67.3	2.0	-2.4	0.0	0.0	0.0	-0.0	-0.0	10.9	10.9
10	594990.52	4791451.78	1.50	0	0	77.8	77.8	0.0	0.0	67.3	2.0	-2.9	0.0	0.0	0.0	-0.0	-0.0	11.4	11.4
11	594990.52	4791451.78	2.50	0	0	77.8	77.8	0.0	0.0	67.3	2.0	-3.1	0.0	0.0	0.0	-0.0	-0.0	11.6	11.6
12	594990.52	4791451.78	5.50	0	0	77.8	77.8	0.0	0.0	67.3	2.0	-2.9	0.0	0.0	0.0	-0.0	-0.0	11.4	11.4
13	594992.28	4791451.29	4.50	1	0	57.4	57.4	0.0	0.0	67.4	77.2	-3.4	0.0	0.0	25.0	-0.0	16.6	-125.4	-125.4
14	594992.28	4791451.29	5.50	1	0	57.4	57.4	0.0	0.0	67.4	77.2	-3.3	0.0	0.0	24.2	-0.0	16.6	-124.7	-124.7
15	594992.28	4791451.29	2.50	1	0	57.4	57.4	0.0	0.0	67.4	77.2	-3.6	0.0	0.0	25.0	-0.0	16.6	-125.2	-125.2
16	594992.28	4791451.29	3.50	1	0	57.4	57.4	0.0	0.0	67.4	77.2	-3.5	0.0	0.0	25.0	-0.0	16.6	-125.3	-125.3
17	594992.28	4791451.29	1.50	1	0	57.4	57.4	0.0	0.0	67.4	77.2	-3.8	0.0	0.0	25.0	-0.0	16.6	-125.1	-125.1
18	594992.28	4791451.29	0.50	1	0	57.4	57.4	0.0	0.0	67.4	77.2	-3.9	0.0	0.0	25.0	-0.0	16.6	-124.9	-124.9
19	594990.52	4791451.78	3.50	1	0	50.9	50.9	0.0	0.0	67.4	77.1	-3.5	0.0	0.0	25.0	-0.0	16.4	-131.4	-131.4
20	594990.52	4791451.78	4.50	1	0	50.9	50.9	0.0	0.0	67.4	77.1	-3.4	0.0	0.0	25.0	-0.0	16.4	-131.5	-131.5
21	594990.52	4791451.78	0.50	1	0	50.9	50.9	0.0	0.0	67.4	77.1	-3.8	0.0	0.0	25.0	-0.0	16.4	-131.1	-131.1
22	594990.52	4791451.78	1.50	1	0	50.9	50.9	0.0	0.0	67.4	77.1	-3.8	0.0	0.0	25.0	-0.0	16.4	-131.2	-131.2
23	594990.52	4791451.78	2.50	1	0	50.9	50.9	0.0	0.0	67.4	77.1	-3.6	0.0	0.0	25.0	-0.0	16.4	-131.3	-131.3
24	594990.52	4791451.78	5.50	1	0	50.9	50.9	0.0	0.0	67.4	77.1	-3.3	0.0	0.0	25.0	-0.0	16.4	-131.7	-131.7

vert. Area Source, ISO 9613, Name: "WasteStorageBayDoor2", ID: "WasteStorageBayDoor2"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	LrT dB(A)	LrN dB(A)
1	594999.17	4791449.35	5.50	0	0	82.8	82.8	0.0	0.0	67.3	2.0	-2.9	0.0	0.0	0.0	-0.0	-0.0	16.5	16.5
2	594999.17	4791449.35	0.50	0	0	82.8	82.8	0.0	0.0	67.3	2.0	-2.4	0.0	0.0	0.0	-0.0	-0.0	15.9	15.9
3	594999.17	4791449.35	3.50	0	0	82.8	82.8	0.0	0.0	67.3	2.0	-3.1	0.0	0.0	0.0	-0.0	-0.0	16.6	16.6
4	594999.17	4791449.35	4.50	0	0	82.8	82.8	0.0	0.0	67.3	2.0	-3.0	0.0	0.0	0.0	-0.0	-0.0	16.6	16.6
5	594999.17	4791449.35	1.50	0	0	82.8	82.8	0.0	0.0	67.3	2.0	-2.8	0.0	0.0	0.0	-0.0	-0.0	16.4	16.4
6	594999.17	4791449.35	2.50	0	0	82.8	82.8	0.0	0.0	67.3	2.0	-3.1	0.0	0.0	0.0	-0.0	-0.0	16.6	16.6
7	594997.42	4791449.84	5.50	0	0	81.4	81.4	0.0	0.0	67.3	2.0	-2.9	0.0	0.0	0.0	-0.0	-0.0	15.0	15.0
8	594997.42	4791449.84	3.50	0	0	81.4	81.4	0.0	0.0	67.3	2.0	-3.1	0.0	0.0	0.0	-0.0	-0.0	15.2	15.2
9	594997.42	4791449.84	2.50	0	0	81.4	81.4	0.0	0.0	67.3	2.0	-3.1	0.0	0.0	0.0	-0.0	-0.0	15.2	15.2
10	594997.42	4791449.84	0.50	0	0	81.4	81.4	0.0	0.0	67.3	2.0	-2.4	0.0	0.0	0.0	-0.0	-0.0	14.5	14.5
11	594997.42	4791449.84	4.50	0	0	81.4	81.4	0.0	0.0	67.3	2.0	-3.0	0.0	0.0	0.0	-0.0	-0.0	15.1	15.1
12	594997.42	4791449.84	1.50	0	0	81.4	81.4	0.0	0.0	67.3	2.0	-2.9	0.0	0.0	0.0	-0.0	-0.0	15.0	15.0
13	594999.17	4791449.35	5.50	1	0	56.0	56.0	0.0	0.0	67.5	78.0	-3.3	0.0	0.0	20.9	-0.0	17.7	-124.9	-124.9
14	594999.17	4791449.35	0.50	1	0	56.0	56.0	0.0	0.0	67.5	78.0	-3.9	0.0	0.0	25.0	-0.0	17.7	-128.4	-128.4
15	594999.17	4791449.35	3.50	1	0	56.0	56.0	0.0	0.0	67.5	78.0	-3.5	0.0	0.0	25.0	-0.0	17.7	-128.7	-128.7
16	594999.17	4791449.35	4.50	1	0	56.0	56.0	0.0	0.0	67.5	78.0	-3.4	0.0	0.0	23.8	-0.0	17.7	-127.6	-127.6
17	594999.17	4791449.35	1.50	1	0	56.0	56.0	0.0	0.0	67.5	78.0	-3.8	0.0	0.0	25.0	-0.0	17.7	-128.5	-128.5
18	594999.17	4791449.35	2.50	1	0	56.0	56.0	0.0	0.0	67.5	78.0	-3.6	0.0	0.0	25.0	-0.0	17.7	-128.6	-128.6
19	594997.42	4791449.84	5.50	1	0	54.5	54.5	0.0	0.0	67.5	77.8	-3.3	0.0	0.0	21.8	-0.0	17.4	-126.6	-126.6
20	594997.42	4791449.84	3.50	1	0	54.5	54.5	0.0	0.0	67.5	77.8	-3.5	0.0	0.0	25.0	-0.0	17.4	-129.7	-129.7
21	594997.42	4791449.84	2.50	1	0	54.5	54.5	0.0	0.0	67.5	77.8	-3.6	0.0	0.0	25.0	-0.0	17.4	-129.6	-129.6
22	594997.42	4791449.84	0.50	1	0	54.5	54.5	0.0	0.0	67.5	77.8	-3.8	0.0	0.0	25.0	-0.0	17.4	-129.4	-129.4
23	594997.42	4791449.84	4.50	1	0	54.5	54.5	0.0	0.0	67.5	77.8	-3.4	0.0	0.0	24.5	-0.0	17.4	-129.3	-129.3
24	594997.42	4791449.84	1.50	1	0	54.5	54.5	0.0	0.0	67.5	77.8	-3.8	0.0	0.0	25.0	-0.0	17.4	-129.4	-129.4

vert. Area Source, ISO 9613, Name: "WasteStorageBayDoor3", ID: "WasteStorageBayDoor3"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	LrT dB(A)	LrN dB(A)
1	595015.98	4791531.49	5.50	0	0	82.3	82.3	0.0	0.0	68.4	2.1	-3.2	0.0	0.0	21.8	-0.0	-0.0	-6.8	-6.8
2	595015.98	4791531.49	2.50	0	0	82.3	82.3	0.0	0.0	68.4	2.1	-3.6	0.0	0.0	22.1	-0.0	-0.0	-6.8	-6.8
3	595015.98	4791531.49	3.50	0	0	82.3	82.3	0.0	0.0	68.4	2.1	-3.5	0.0	0.0	22.1	-0.0	-0.0	-6.8	-6.8
4	595015.98	4791531.49	0.50	0	0	82.3	82.3	0.0	0.0	68.4	2.1	-3.8	0.0	0.0	22.3	-0.0	-0.0	-6.7	-6.7
5	595015.98	4791531.49	1.50	0	0	82.3	82.3	0.0	0.0	68.4	2.1	-3.9	0.0	0.0	22.2	-0.0	-0.0	-6.6	-6.6
6	595015.98	4791531.49	4.50	0	0	82.3	82.3	0.0	0.0	68.4	2.1	-3.3	0.0	0.0	21.9	-0.0	-0.0	-6.9	-6.9
7	595014.24	4791532.04	4.50	0	0	82.1	82.1	0.0	0.0	68.4	2.1	-3.2	0.0	0.0	21.4	-0.0	-0.0	-6.6	-6.6
8	595014.24	4791532.04	3.50	0	0	82.1	82.1	0.0	0.0	68.4	2.1	-3.4	0.0	0.0	21.5	-0.0	-0.0	-6.6	-6.6
9	595014.24	4791532.04	1.50	0	0	82.1	82.1	0.0	0.0	68.4	2.1	-3.8	0.0	0.0	21.7	-0.0	-0.0	-6.4	-6.4
10	595014.24	4791532.04	5.50	0	0	82.1	82.1	0.0	0.0	68.4	2.1	-3.2	0.0	0.0	21.2	-0.0	-0.0	-6.5	-6.5
11	595014.24	4791532.04	0.50	0	0	82.1	82.1	0.0	0.0	68.4	2.1	-4.1	0.0	0.0	21.8	-0.0	-0.0	-6.2	-6.2
12	595014.24	4791532.04	2.50	0	0	82.1	82.1	0.0	0.0	68.4	2.1	-3.4	0.0	0.0	21.6	-0.0	-0.0	-6.6	-6.6

vert. Area Source, ISO 9613, Name: "WasteStorageBayDoor4", ID: "WasteStorageBayDoor4"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595020.77	4791529.97	5.50	0	0	82.7	82.7	0.0	0.0	68.4	2.1	-3.3	0.0	0.0	22.4	-0.0	-0.0	-7.0	-7.0
2	595020.77	4791529.97	4.50	0	0	82.7	82.7	0.0	0.0	68.4	2.1	-3.4	0.0	0.0	22.6	-0.0	-0.0	-7.0	-7.0
3	595020.77	4791529.97	3.50	0	0	82.7	82.7	0.0	0.0	68.4	2.1	-3.6	0.0	0.0	22.7	-0.0	-0.0	-7.0	-7.0
4	595020.77	4791529.97	2.50	0	0	82.7	82.7	0.0	0.0	68.4	2.1	-3.8	0.0	0.0	22.8	-0.0	-0.0	-6.8	-6.8
5	595020.77	4791529.97	1.50	0	0	82.7	82.7	0.0	0.0	68.4	2.1	-3.9	0.0	0.0	22.9	-0.0	-0.0	-6.8	-6.8
6	595020.77	4791529.97	0.50	0	0	82.7	82.7	0.0	0.0	68.4	2.1	-4.1	0.0	0.0	23.0	-0.0	-0.0	-6.8	-6.8
7	595022.50	4791529.42	3.50	0	0	81.5	81.5	0.0	0.0	68.4	2.1	-3.6	0.0	0.0	22.9	-0.0	-0.0	-8.3	-8.3
8	595022.50	4791529.42	1.50	0	0	81.5	81.5	0.0	0.0	68.4	2.1	-3.9	0.0	0.0	23.1	-0.0	-0.0	-8.2	-8.2
9	595022.50	4791529.42	2.50	0	0	81.5	81.5	0.0	0.0	68.4	2.1	-3.8	0.0	0.0	23.0	-0.0	-0.0	-8.2	-8.2
10	595022.50	4791529.42	0.50	0	0	81.5	81.5	0.0	0.0	68.4	2.1	-3.8	0.0	0.0	23.2	-0.0	-0.0	-8.3	-8.3
11	595022.50	4791529.42	4.50	0	0	81.5	81.5	0.0	0.0	68.4	2.1	-3.4	0.0	0.0	22.7	-0.0	-0.0	-8.3	-8.3
12	595022.50	4791529.42	5.50	0	0	81.5	81.5	0.0	0.0	68.4	2.1	-3.3	0.0	0.0	22.6	-0.0	-0.0	-8.3	-8.3

vert. Area Source, ISO 9613, Name: "WasteStorageBayDoor5", ID: "WasteStorageBayDoor5"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	594997.98	4791487.49	4.50	0	0	82.5	82.5	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	4.5	-0.0	-0.0	11.1	11.1
2	594997.98	4791487.49	3.50	0	0	82.5	82.5	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	5.1	-0.0	-0.0	10.6	10.6
3	594997.98	4791487.49	5.50	0	0	82.5	82.5	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	3.9	-0.0	-0.0	11.7	11.7
4	594997.98	4791487.49	2.50	0	0	82.5	82.5	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	5.6	-0.0	-0.0	10.0	10.0
5	594997.98	4791487.49	1.50	0	0	82.5	82.5	0.0	0.0	67.8	2.0	-2.7	0.0	0.0	6.0	-0.0	-0.0	9.3	9.3
6	594997.98	4791487.49	0.50	0	0	82.5	82.5	0.0	0.0	67.8	2.0	-2.4	0.0	0.0	6.4	-0.0	-0.0	8.6	8.6
7	594997.16	4791484.73	0.50	0	0	81.8	81.8	0.0	0.0	67.8	2.0	-3.1	0.0	0.0	6.4	-0.0	-0.0	8.7	8.7
8	594997.16	4791484.73	1.50	0	0	81.8	81.8	0.0	0.0	67.8	2.0	-2.8	0.0	0.0	6.1	-0.0	-0.0	8.8	8.8
9	594997.16	4791484.73	5.50	0	0	81.8	81.8	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	4.0	-0.0	-0.0	11.0	11.0
10	594997.16	4791484.73	3.50	0	0	81.8	81.8	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	5.2	-0.0	-0.0	9.9	9.9
11	594997.16	4791484.73	2.50	0	0	81.8	81.8	0.0	0.0	67.8	2.0	-3.1	0.0	0.0	5.7	-0.0	-0.0	9.4	9.4
12	594997.16	4791484.73	4.50	0	0	81.8	81.8	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	4.6	-0.0	-0.0	10.5	10.5

vert. Area Source, ISO 9613, Name: "WasteStorageBayDoor6", ID: "WasteStorageBayDoor6"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	594998.99	4791490.89	1.50	0	0	82.2	82.2	0.0	0.0	67.8	2.0	-2.6	0.0	0.0	5.9	-0.0	-0.0	9.0	9.0
2	594998.99	4791490.89	0.50	0	0	82.2	82.2	0.0	0.0	67.8	2.0	-2.4	0.0	0.0	6.3	-0.0	-0.0	8.3	8.3
3	594998.99	4791490.89	2.50	0	0	82.2	82.2	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	5.5	-0.0	-0.0	9.8	9.8
4	594998.99	4791490.89	3.50	0	0	82.2	82.2	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	4.9	-0.0	-0.0	10.3	10.3
5	594998.99	4791490.89	4.50	0	0	82.2	82.2	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	4.4	-0.0	-0.0	10.9	10.9
6	594998.99	4791490.89	5.50	0	0	82.2	82.2	0.0	0.0	67.8	2.0	-3.0	0.0	0.0	3.8	-0.0	-0.0	11.4	11.4
7	594999.80	4791493.62	4.50	0	0	82.2	82.2	0.0	0.0	67.9	2.0	-3.0	0.0	0.0	4.3	-0.0	-0.0	11.0	11.0
8	594999.80	4791493.62	3.50	0	0	82.2	82.2	0.0	0.0	67.9	2.0	-3.0	0.0	0.0	4.8	-0.0	-0.0	10.5	10.5
9	594999.80	4791493.62	1.50	0	0	82.2	82.2	0.0	0.0	67.9	2.0	-2.7	0.0	0.0	5.8	-0.0	-0.0	9.2	9.2
10	594999.80	4791493.62	2.50	0	0	82.2	82.2	0.0	0.0	67.9	2.0	-3.0	0.0	0.0	5.4	-0.0	-0.0	9.9	9.9
11	594999.80	4791493.62	0.50	0	0	82.2	82.2	0.0	0.0	67.9	2.0	-2.6	0.0	0.0	6.2	-0.0	-0.0	8.6	8.6
12	594999.80	4791493.62	5.50	0	0	82.2	82.2	0.0	0.0	67.9	2.0	-3.0	0.0	0.0	3.8	-0.0	-0.0	11.5	11.5

vert. Area Source, ISO 9613, Name: "WetRDFStorageBayDoor1", ID: "WetRDFStorageBayDoor1"																			
Nr.	X (m)	Y (m)	Z (m)	Refl.	Freq. (Hz)	LxT dB(A)	LxN dB(A)	K0 (dB)	Dc (dB)	Adiv dB	Aatm dB	Agr dB	Afol dB	Ahous dB	Abar dB	Cmet dB	RL dB	LrT dB(A)	LrN dB(A)
1	595049.24	4791435.63	3.50	0	0	86.9	86.9	0.0	0.0	67.5	1.9	-3.2	0.0	0.0	0.0	-0.0	-0.0	20.7	20.7
2	595049.24	4791435.63	5.50	0	0	86.9	86.9	0.0	0.0	67.5	1.9	-3.0	0.0	0.0	0.0	-0.0	-0.0	20.6	20.6
3	595049.24	4791435.63	1.50	0	0	86.9	86.9	0.0	0.0	67.5	1.9	-2.9	0.0	0.0	0.0	-0.0	-0.0	20.5	20.5
4	595049.24	4791435.63	4.50	0	0	86.9	86.9	0.0	0.0	67.5	1.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	20.7	20.7
5	595049.24	4791435.63	0.50	0	0	86.9	86.9	0.0	0.0	67.5	1.9	-2.5	0.0	0.0	0.0	-0.0	-0.0	20.1	20.1
6	595049.24	4791435.63	2.50	0	0	86.9	86.9	0.0	0.0	67.5	1.9	-3.2	0.0	0.0	0.0	-0.0	-0.0	20.7	20.7
7	595051.68	4791434.92	3.50	0	0	85.6	85.6	0.0	0.0	67.5	1.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	19.4	19.4
8	595051.68	4791434.92	4.50	0	0	85.6	85.6	0.0	0.0	67.5	1.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	19.3	19.3
9	595051.68	4791434.92	0.50	0	0	85.6	85.6	0.0	0.0	67.5	1.9	-2.2	0.0	0.0	0.0	-0.0	-0.0	18.4	18.4
10	595051.68	4791434.92	1.50	0	0	85.6	85.6	0.0	0.0	67.5	1.9	-2.9	0.0	0.0	0.0	-0.0	-0.0	19.1	19.1
11	595051.68	4791434.92	2.50	0	0	85.6	85.6	0.0	0.0	67.5	1.9	-3.1	0.0	0.0	0.0	-0.0	-0.0	19.3	19.3
12	595051.68	4791434.92	5.50	0	0	85.6	85.6	0.0	0.0	67.5	1.9	-3.0	0.0	0.0	0.0	-0.0	-0.0	19.2	19.2
13	595048.36	4791435.88	3.50	1	0	72.7	72.7	0.0	0.0	67.7	7.9	-3.7	0.0	0.0	12.9	-0.0	1.0	-13.2	-13.2
14	595049.44	4791435.57	3.50	1	0	72.9	72.9	0.0	0.0	67.7	7.9	-3.7	0.0	0.0	25.0	-0.0	1.0	-25.0	-25.0
15	595048.36	4791435.88	5.50	1	0	72.7	72.7	0.0	0.0	67.7	7.9	-3.5	0.0	0.0	9.9	-0.0	1.0	-10.4	-10.4
16	595049.44	4791435.57	5.50	1	0	72.9	72.9	0.0	0.0	67.7	7.9	-3.5	0.0	0.0	23.9	-0.0	1.0	-24.1	-24.1
17	595048.36	4791435.88	1.50	1	0	72.7	72.7	0.0	0.0	67.7	7.9	-3.8	0.0	0.0	15.5	-0.0	1.0	-15.6	-15.6
18	595049.44	4791435.57	1.50	1	0	72.9	72.9	0.0	0.0	67.7	7.9	-3.9	0.0	0.0	25.0	-0.0	1.0	-24.9	-24.9
19	595048.36	4791435.88	4.50	1	0	72.7	72.7	0.0	0.0	67.7	7.9	-3.6	0.0	0.0	11.4	-0.0	1.0	-11.8	-11.8
20	595049.44	4791435.57	4.50	1	0	72.9	72.9	0.0	0.0	67.7	7.9	-3.6	0.0	0.0	25.0	-0.0	1.0	-25.1	-25.1

vert. Area Source, ISO 9613, Name: "WetRDFStorageBayDoor1", ID: "WetRDFStorageBayDoor1"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
21	595048.36	4791435.88	0.50	1	0	72.7	72.7	0.0	0.0	67.7	7.9	-3.9	0.0	0.0	16.6	-0.0	1.0	-16.7	-16.7
22	595049.44	4791435.57	0.50	1	0	72.9	72.9	0.0	0.0	67.7	7.9	-4.0	0.0	0.0	25.0	-0.0	1.0	-24.8	-24.8
23	595048.36	4791435.88	2.50	1	0	72.7	72.7	0.0	0.0	67.7	7.9	-3.7	0.0	0.0	14.2	-0.0	1.0	-14.5	-14.5
24	595049.44	4791435.57	2.50	1	0	72.9	72.9	0.0	0.0	67.7	7.9	-3.8	0.0	0.0	25.0	-0.0	1.0	-25.0	-25.0
25	595052.36	4791434.72	3.50	1	0	78.4	78.4	0.0	0.0	67.5	3.0	-3.5	0.0	0.0	0.0	-0.0	1.0	10.4	10.4
26	595052.36	4791434.72	4.50	1	0	78.4	78.4	0.0	0.0	67.5	3.0	-3.4	0.0	0.0	0.0	-0.0	1.0	10.3	10.3
27	595052.36	4791434.72	0.50	1	0	78.4	78.4	0.0	0.0	67.5	3.0	-2.9	0.0	0.0	0.0	-0.0	1.0	9.8	9.8
28	595052.36	4791434.72	1.50	1	0	78.4	78.4	0.0	0.0	67.5	3.0	-3.6	0.0	0.0	0.0	-0.0	1.0	10.5	10.5
29	595052.36	4791434.72	2.50	1	0	78.4	78.4	0.0	0.0	67.5	3.0	-3.6	0.0	0.0	0.0	-0.0	1.0	10.5	10.5
30	595052.36	4791434.72	5.50	1	0	78.4	78.4	0.0	0.0	67.5	3.0	-3.3	0.0	0.0	0.0	-0.0	1.0	10.2	10.2