SS WILSON ASSOCIATES
Consulting Engineers

REPORT NO. WA13-050
REVISION 6

NOISE CONTROL FEASIBILITY STUDY
PROPOSED APARTMENT BUILDING
86-90 DUNDAS STREET EAST
MISSISSAUGA, ON

SUBMITTED TO:

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1.0 INTRODUCTION

1.1 The services of SS Wilson Associates (SSWA) were retained by Weston Consulting, on behalf of Emblem Developments Corp. to prepare a Noise Control Feasibility Study for the proposed mixed-use residential/commercial development located at 86-90 Dundas Street East in the City of Mississauga.

The objective of this Report is to support both an application for Official Plan/By-law Amendment and Re-Zoning of the proposed development.

1.2 The site is bounded by the following land uses:
- to the north by Dundas Street East
- to the south by residential developments
- to the east by residential developments
- to the west by a commercial plaza

The location of the site is shown in Figure 1.

1.3 Major features of the development are defined by the Preliminary Architectural Drawings prepared by Studio JCI dated September 19th, 2019. Figure 2 illustrates the general layout of the proposed development.

The following is a summary of the project features for consideration and noise assessment purposes:

- Building facades that are exposed to potential sources of noise as stated below.
- Common Outdoor Living Areas (COLAs) on the ground floor and on different floor levels in the form of a terrace, patio, etc.
- Balconies for exclusive use by individual suite occupants.
- Mixed Commercial/Retail space on the ground floor.
- Proximity of other existing noise-sensitive land uses to the proposed building's HVAC equipment.

1.4 The major surface transportation noise source (current and future) of concern to the development is Dundas Street East.

The Railway Line to the North of the development has not been assessed in this study, as it is not considered to be a significant source of noise. This is due to the increased setback of approximately 690m from the closest point to the proposed dwelling.

The proposed development is located outside the 25 NEF/NEP contour lines prepared by Transport Canada; therefore, aircraft noise is not considered a

problem.

1.5 The major stationary noise source (current and future) of concern to the development is the commercial plaza to the west.

1.6 The scope of this report is to define the minimum noise attenuation requirements for the control of outdoor and indoor environmental sound levels.

1.7 Revision 3 was based on a correction to 2.1.1 which previously indicated the Common Outdoor Living Area had an associated warning clause. Additionally, as advised by the proponent, the report was retitled to be a feasibility study. Minor changes were made to the site plan were also made. Revision 4 dated September 14, 2018 was based on minor changes to the Site plan drawings provided by AJT Architects dated September 13, 2018. Revision 5 was based on significant changes to the Site Plan drawings. A ground level Common Outdoor Living Area was added. In addition, the location of many of the internal stationary noise sources were relocated.

1.8 Revision 6 dated September 26, 2019 is based on significant changes to the Site Plan drawings as referenced in Section 1.3 above. The footprint of the structure has been expanded and the number of stories has been reduced. In addition, amenity areas have been added to the plans which now require acoustic assessment. The stationary noise model was also updated to reflect the Site Plan changes. In addition, analysis of the stationary noise from the neighbouring commercial building to the west has been expanded to address the operational scenario of the tenants and specifically the night time operation of the closest restaurant to the proposed building.

For comparison purposes, the impact of noise due to the commercial operations on the existing apartment building located immediately to the south of the commercial building has been assessed for reference purposes.

2.0 SUMMARY AND RECOMMENDATIONS

2.1 SUMMARY

Based on the analysis conducted in this investigation it is concluded that:

1. The unattenuated daytime sound levels in the Common Outdoor Living Area (COLA)[1] for the proposed development (i.e. Terrace located on the 7th and 16th Floor) will exceed the recommended objective sound level. For this area, outdoor noise control measures are required. With the inclusion of the noise control measures, the MECP objective criteria are met for this COLA. The unattenuated daytime sound levels in the ground floor COLAs (both the north and south areas) are predicted to exceed the MECP's sound level criteria, therefore noise control measures will be required for the area overlooking Dundas Street.

2. The unattenuated daytime sound levels in the private Outdoor Living Areas (OLAs) of units with balconies/terraces greater than 4m in depth (i.e. one unit on the 16th floor) will exceed the recommended objective sound level. For these areas, outdoor noise control measures are required. With the inclusion of the noise control measures the MECP objective criteria are met for these OLAs.

3. All other balconies/terraces in the proposed building will be less than 4m in depth and as such, based on the MECP guidelines, these areas are not considered as OLAs. Therefore, no physical mitigation measures are required and a warning clause registered in the Development Agreement(s) will suffice.

4. The unattenuated sound levels at the outside walls of the proposed building will exceed the recommended objective sound levels. Indoor noise controls are required for all units within the building along with relevant warning clauses.

5. Although the projected sound levels are predicted to be above the sound level criteria outlined in Section 3, it is feasible to control sound levels within the outdoor and indoor areas of the proposed development to meet the stated criteria.

6. There are two primary types of "stationary sources" of noise that have been addressed in this study:

[1] At times, it may also be referred to as Outdoor Amenity Areas. The size of an OLA is subject to municipal standards and other project requirements (except when classified as a balcony along with other applicable MECP rules).

- Stationary Noise Internal to the proposed development
- Stationary Noise External to the proposed development

Since the proposed details of the mechanical equipment and other sources of stationary noise associated with the subject residential/commercial tower are not available at the present time, reliance was made on other proxy data from similar developments. The results indicate the potential for noise impact due to a limited number of the potential sources of noise. Typical generic noise control measures have been addressed which indicate that it is technically and economically feasible to meet the City's and the MECP guideline, NPC-300 sound level criteria within the proposed development.

At this early stage of the planning process and in the absence of site-specific technical data that are suitable for Building Permit purposes, assessment of the details of the addressed sources is best addressed during the Site Plan Approval and at the Building Permit stage, and in particular for the building's ventilation equipment.

With regards to the external stationary noise sources (the existing HVAC equipment on the roof of the existing commercial development to the west), the analysis; based on the previously measured sound levels determined that the predicted sound levels at the proposed apartment building are predicted to be in excess of the NPC-300 stationary noise standards at the points of reception on the proposed building. Based on the results of the previous and the present investigations of the commercial building noise impact on the proposed building, SSWA is recommending that the subject residential building lot be classified by the City of Mississauga as a "Class 4 Area" for noise – along with the relevant warning clauses. Due to the fact that the subject area is a densely populated mixed commercial/residential neighbourhood, the use of the MECP Class 4 Area is highly recommended as allowed for by the MECP in the recent years.

At the present time, and based on the previously gathered technical details about the existing commercial operations, there is a possibility that additional noise control measures may have to be applied to one of the exhaust pieces of equipment associated with such operations as located on the roof of that building. This issue will be investigated in more details during the Site Plan Approval stage along with recommendations for the need for additional noise controls over and above the Class 4 Area re-designation.

2.2 RECOMMENDATIONS

A summary of the minimum noise attenuation requirements is presented in Table 1. Detailed description is as follows:

1. Outdoor Noise Control Measures

- **Northern Ground Floor Outdoor Amenity**
- **COLA Terrace on 7th Floor**
- **Northern Private OLA 16th Floor**
- **Southern OLA 16th Floor**

Acoustical barriers should be constructed to shield the above-noted Common Outdoor Living Area with the following details:

(i) The parapet/rooftop barrier should be constructed along the alignment shown schematically in Figures 3 to 5.
(ii) The parapet/rooftop barrier may consist of transparent material to OBC requirements, to be constructed of a durable material having a minimum 20 kg/m^2 (Ξ 4 lb/ft^2) of surface area and be in a continuous line without openings or gaps.

2. Air Conditioning

Apartment Building (All Units):

The above noted properties should be equipped with central air conditioning. The air conditioning system may be central to the entire building or may be central to each dwelling unit (for example using heat pump, fan coil- system or packaged incremental units (PTAC) with suitable duct work to all rooms). The Ministry of the Environment, Conservation, and Parks does not accept window-type air conditioning units in lieu of a central system. In all cases, serious attention should be given by the proponent, the Mechanical Engineer, and the Contractor to the noise potential of the air conditioning system as it may affect the outdoor and indoor receivers within or outside of the proposed development. It is important that the Builder, the Mechanical Engineer, and the Contractor achieve the MECP objectives (the maximum sound level L_{AS} of 50 dBA[2] at the neighbour's closest point(s) of reception, i.e. at their outdoor areas as well as at the closest window on any floor level) included in Publications NPC-300 and NPC-216.

The following warning clause should be registered in all Development Agreement(s) and Offers of Sale and Purchase or Lease of these properties:

"*In order to achieve a suitable indoor noise environment, windows may have to remain closed; therefore, this dwelling unit has been equipped with a central air conditioning system*".

[2] Or the lowest hourly ambient Leq due to road traffic projected at the receptor location(s)

It is also our recommendation that the necessary detailed technical analysis be performed prior to the certification process for Building Permit to address the specific requirements for the control of the selected air conditioning system to meet the sound level criteria at the point(s) of reception and to include same in the applicable permit drawings/specifications.

3. **Warning Clauses *3**

Apartment Building (All Units):

The following warning clause should be registered in all Development Agreement(s) and Offers of Sale and Purchase or Lease of these properties:
"Purchasers/tenants are advised that despite the inclusion of noise control features in the development and within the building units, sound levels due to increasing road traffic on Dundas Street East may on occasions interfere with some activities of the dwelling occupants as the sound levels exceed the sound level limits of the Municipality and the Ministry of the Environment, Conservation and Parks sound level criteria"."

Apartment Building (All units with balconies):

The following warning clause should be registered in all Development Agreements and Offers of Sale and Purchase or Lease of these properties having a balcony:

"*Purchasers/tenants are advised that despite the inclusion of noise control features within this development and within the dwellings, sound levels from increasing road traffic and the residual noise from the nearby commercial building will continue to be of concern as the levels in the balcony exceed the Ministry of the Environment, Conservation and Parks criteria and protected Common Outdoor Living Area(s) meeting the Ministry sound level criteria has (have) been provided within the development".*

4. **Building Acoustic Insulation**

Apartment Building (All Units):

All exterior building components (walls, windows and doors) should meet the minimum Acoustic Insulation Factors (AIF) shown in Tables 3 and 4. All windows should be well fitted and weather-stripped.

It is also the responsibility of the developer/builder responsible for final design and construction of the subject dwellings to ensure that the correct windows,

*3 Reference should be made to Bulletin No. 91003, Environmental Warnings/Restrictions, Ontario Ministry of Consumer and Commercial Relations.

walls and doors acoustic specifications are secured from the Acoustical Engineer prior to planning and construction of the noted dwellings.

5. Implementation Procedures

a) Since the use of a MECP Class 4 Area designation for noise is recommended, the development team shall pursue such designation with the City of Mississauga at the earliest possible opportunity.
b) The detailed noise control measures, if any is required to reduce the noise from the existing commercial operations should be thoroughly investigated and the need for noise control measures shall be negotiated and specified in consultation with all concerned parties prior to Site Plan Approval.
c) The Development Agreement(s) should include the details of all the necessary noise control measures and procedures as outlined herein in this noise study to the satisfaction of all concerned parties.
d) Prior to the issuance of building permits, the Builder's plans, with respect to the units requiring noise control measures as referred to earlier, should be certified by an Acoustical Engineer as being in conformance with the recommendations of the Detailed Noise Control Study as approved and/or amended by the authorities having jurisdiction.
e) Prior to their final inspection and release for occupancy, these dwellings should be certified by an Acoustical Engineer as being in compliance with the recommendations of the Detailed Noise Control Study.

In view of the fact that municipal implementation procedures of the noise control measures recommended herein may differ, it is the responsibility of the developer/builder responsible for final design and construction of the subject structures/dwellings to ensure that the correct details related to the noise control measures referred in this report, such as sound barriers, building shell component specifications (windows, walls, doors, and others), air conditioning noise control technical requirements, etc. are secured from the Acoustical Engineer prior to planning and construction of the noted building.

3.0 SOUND LEVEL CRITERIA

3.1 SURFACE TRANSPORTATION CRITERIA[4]

The surface transportation noise is based on the objective sound levels recommended by the Ministry of the Environment, Conservation and Parks (Ref: MECP Publication NPC-300 "Environmental Noise Guideline, Noise Assessment Criteria for Stationary Sources and for Land Use Planning, 2013") and applicable Regional/Municipal sound level standards and procedures for different land uses and spaces.

The following is a summary of the applicable sound level criteria for surface transportation sources for the shown time periods (day=d & night=n):

Sound Level Limits for Outdoor Living Areas (OLAs)

AREA & TIME PERIOD	$L_{Aeq(day)}$ ROAD AND RAIL (dBA)
Designated (Individual or common) Outdoor Living Areas (16 hr day, 07:00 - 23:00)	$L_{Aeq(day)}$ 55

Indoor Sound Level Limits

Type of Space	L_{Aeq} (Time Period) (dBA)	
	Road	Rail
Living/dining, den areas of residences, hospitals, nursing homes, schools, daycare centres, etc. (Time period-day: 16 hr, 07:00 - 23:00)	$L_{Aeq(day)}$ 45	$L_{Aeq(day)}$ 40
Living/dining, den areas of residences, hospitals. nursing homes, etc. (except schools or daycare centres) (Time period-night: 8 hr, 23:00 - 07:00)	$L_{Aeq(night)}$ 45	$L_{Aeq(night)}$ 40
Sleeping quarters (Time period-day: 16 hr, 07:00 - 23:00)	$L_{Aeq(day)}$ 45	$L_{Aeq(day)}$ 40
Sleeping quarters (Time period-night: 8 hr, 23:00 - 07:00)	$L_{Aeq(night)}$ 40	$L_{Aeq(night)}$ 35

[4] Road, rail and rolling stock traffic.

Additional Supplementary (Best Management Practices) Sound Level Criteria Recommended for Other Uses

Type of Space	L_{Aeq} (Time Period) (dBA)	
	Road	Rail
General offices, reception areas, retail stores, etc. (Time period-day: 16 hr, 07:00 - 23:00)	$L_{Aeq(day)}$ 50	$L_{Aeq(day)}$ 45
Living/dining areas of residences, hospitals, schools, nursing/retirement homes, daycare centres, theatres, places of worship, libraries, individual or semiprivate offices, conference rooms, reading rooms, etc. (Time period-day: 16 hr, 23:00 - 07:00)	$L_{Aeq(day)}$ 45	$L_{Aeq(day)}$ 40
Sleeping quarters of hotels/motels (Time period-night: 8 hr, 23:00 - 07:00)	$L_{Aeq(night)}$ 45	$L_{Aeq(night)}$ 40
Sleeping quarters of residences, hospitals, nursing/retirement homes, etc. (Time period-night: 8 hr, 23:00 - 07:00)	$L_{Aeq(night)}$ 40	$L_{Aeq(night)}$ 35

The criteria for acceptable outdoor and indoor sound levels are based on "free-field" predicted and/or measured sound levels at the applicable receiver locations, thus the effects of sound reflections and reverberant sound fields are not considered.

If the sound level is less than or equal to the sound level criteria, no control measures will be required.

The outdoor sound levels ***may*** exceed the outdoor sound level criterion by up to 5 decibels, provided that it can be demonstrated that it is not technically, economically or administratively feasible to achieve the criterion and that the occupants are informed of a potential disturbance due to the excess noise by means of a warning clause or cautionary note to be registered in all Development Agreement(s) and Offers of Sale and Purchase or Lease.

Central air conditioning is required when the daytime sound level at the outside wall of any habitable room containing windows exceeds an $L_{Aeq(day)}$ 16 hrs of 65 dBA or when the nighttime sound level at the outside wall of any habitable room containing windows exceeds an $L_{Aeq(night)}$ 8hrs of 60 dBA.

Forced air ventilation (with provision for future installation of a central air conditioning system) is required when the daytime sound level at the outside wall of any habitable room containing windows an exceeds $L_{Aeq(day)}$ 16 hrs of 55 dBA

but is less than or equal to 65 dBA or when the nighttime sound level at the outside wall of any habitable room containing windows exceeds an $L_{Aeq(night)}$ 8hrs of 50 dBA but is less than or equal to 60 dBA.

Notwithstanding the above, the Region of Peel requires that for those dwellings with a nighttime building façade sound level of 60dBA, air conditioning be installed, as opposed to the MECP's requirement for provision for air conditioning for these dwellings.

Application of Criteria

The following table summarizes the requirements for noise control measures for the various sound level ranges:

SOURCE OF NOISE	DAYTIME SOUND LEVEL $L_{Aeq(day)}$	NIGHTTIME SOUND LEVEL $L_{Aeq(night)}$	AIR CONDITIONING	FORCED AIR VENTILATION WITH PROVISION FOR FUTURE AIR COND.	WARNING CLAUSE	ACOUSTIC INSULATION
ROAD	<=55	<=50	-	-	-	-
	>55 & <=65	>50 & <=59	-	Yes	Yes "Type C"	
	>65	>59	Yes	-	Yes "Type D"	Yes
RAIL	<=55	<=50	-	-	-	-
	>55 & <=60	>50 & <=55	-	Yes	Yes "Type C"	-
	>60 & <=65	>55 & <=59	-	Yes	Yes "Type C"	Yes
	>65	>59	Yes	-	Yes "Type D"	Yes

3.2 CRITERIA FOR STATIONARY NOISE SOURCES

The following criteria apply to the impact of Stationary Sources of noise as defined by the MECP to include industrial and commercial facilities. The criteria apply to the impact of Stationary Sources external to the development on the proposed development or to the impact of any proposed Stationary Sources internal to the development on the development itself.

The criteria used in this study are based on the objective sound levels recommended by the Ministry of the Environment, Conservation and Parks (Ref.: MECP Publication NPC-300 "Environmental Noise Guideline, Noise Assessment Criteria for Stationary Sources and for Land Use Planning, 2013) and other relevant publications.

For sound from a stationary source, including Quasi-Steady Impulsive Sound but

not including other impulsive sound, the predicted and/or measured "predictable worst case" 1-hour equivalent sound levels (L_{Aeq1hr}) of the stationary source(s) at a point of reception is the higher of the applicable exclusion limit value (given in the following tables) or the background sound level for that point of reception. The outdoor sound level limits for stationary sources apply only to daytime and evening (07:00 – 23:00 hours).

Exclusion[5] Limit Values of One-Hour Equivalent Sound Level (L_{Aeq}, dBA) Outdoor Points of Reception

Time of Day	Class 1 Area	Class 2 Area	Class 3 Area	Class 4 Area
07:00 – 19:00	50	50	45	55
19:00 – 23:00	50	45	40	55

Exclusion Limit Values of One-Hour Equivalent Sound Level (L_{Aeq}, dBA) Plane of Window of Noise Sensitive Spaces

Time of Day	Class 1 Area	Class 2 Area	Class 3 Area	Class 4 Area
07:00 – 19:00	50	50	45	60
19:00 – 23:00	50	50	40	60
23:00 – 07:00	45	45	40	55

3.3 CRITERIA FOR TRUCK TRAFFIC NOISE IMPACT DUE TO A PROPOSED DEVELOPMENT ON AN EXISTING NEAR-BY NOISE-SENSITIVE LAND USE

The following criteria apply to the sound levels of vehicular truck traffic generated by a proposed development when traveling on public roadways in the vicinity of an existing noise-sensitive land use.

The following table shows the general acoustic criteria relating the significance of potential vehicular truck noise impact to the increase in sound levels due to the traffic associated with the proposed development:

IMPACT ASSESSMENT TABLE	
EXCESS/CHANGE	**IMPACT RATING**
0 to < 3	Insignificant
≥ 3 to < 5 dBA	Noticeable
≥ 5 to < 10 dBA	Significant
≥ 10	Very Significant

[5] or the minimum hourly background (ambient) sound level $LAeq_{1hr}$, whichever is higher

If the addition of the proposed development traffic increases the ambient noise at the receptors by more than 5 dB, then mitigation should be considered based on the Ministry of Environment, Conservation and Parks MECP/MTO Protocol (1986) criteria for traffic noise control.

4.0 ANALYSIS

4.1 TRANSPORTATION SOURCES OF NOISE

The relevant road and traffic data were obtained from the City of Mississauga and are summarized below:

- **Dundas Street (East of Hurontario)**

Current No. of Lanes	7
Future No. of Lanes	7
Posted Speed Limit	50 km/hr.
Future Posted Speed Limit	50 km/hr.
Ultimate AADT	50,000vpd
Total Truck Percentage - Medium Truck Split - Heavy Truck Split	7% 3.9% 3.1%
Day(16 hrs.)/Night(8 hrs.) Split	90%/10%
Directional Traffic Split (assumed)	50%/50%
Road Gradient (assumed)	2%
Current R.O.W.	35m
Future R.O.W.	35m

- **Hurontario Street**

Current No. of Lanes	6
Future No. of Lanes	6
Posted Speed Limit	50 km/hr.
Future Posted Speed Limit	50 km/hr.
Ultimate AADT	50,000vpd
Total Truck Percentage - Medium Truck Split - Heavy Truck Split	10% 5.5% 4.5%
Day(16 hrs.)/Night(8 hrs.) Split	90%/10%
Directional Traffic Split (assumed)	50%/50%
Road Gradient (assumed)	2%
Current R.O.W.	35m
Future R.O.W.	35m

Appendix A contains the relevant road traffic data used in this study.

4.2 OUTDOOR NOISE ENVIRONMENT

Sound level predictions were carried out based on MECP's ORNAMENT sound level prediction modeling procedures[6] (Ontario Road Noise Analysis Method for Environment and Transportation, Technical Document, 1989).

It is concluded that for the Northern Ground Floor Outdoor Amenity OLA, the unattenuated daytime sound levels will exceed 55 dBA, the objective sound level. Therefore, outdoor noise control measures are recommended for this area. The sound barrier wall height calculations for are included in Appendix B. The barrier alignment is as shown in Figure 3.

It is concluded that for the 7th Floor COLA Terrace, the unattenuated daytime sound levels will exceed 60 dBA, the maximum sound levels allowed. Therefore, outdoor noise control measures are required for this area. The parapet/rooftop wall height calculations for are included in Appendix B. The barrier alignment is as shown in Figure 4.

It is concluded that for two of the 16th Floor OLA terraces (located North and South of the building), which are greater than 4m in depth, the sound levels will exceed 60 dBA, the maximum sound levels allowed. Therefore, outdoor noise control measures are required for these areas. The barrier alignments are as shown in Figures 5.

In consideration of the calculations, it is concluded that for the southern ground floor COLA, the unattenuated daytime sound levels will not exceed the MECP's maximum allowable sound level of 60 dBA. Therefore, sound barriers will not be required.

The overall sound levels at the COLAs and OLAs are shown in Table 2. Sample sound level calculations are presented in Appendix B.

Based on the MECP guidelines, the other balconies and terraces within the proposed development, are not considered as OLAs due to the fact that the depths of these areas are less than 4m. No physical mitigation measures are, therefore required and a warning clause registered in the Development Agreement(s) will suffice.

4.3 INDOOR NOISE ENVIRONMENT

The criteria for indoor L_{Aeq} sound levels are based on projected L_{Aeq} levels at the

[6] The MECP's noise prediction models ORNAMENT and STEAM have a limitation as to the minimum AADT value for 24 hour traffic volume (calculated for the daytime and nighttime hourly volume). When the AADT value is less that 40 vph, there is a neutral mathematical manipulation that can be used as long as the hourly traffic volume is not very low. The manipulation is implemented by multiplying the traffic volume by any reasonable factor (for example a factor of 10) and then by deducting 10 x log "factor" from the results (in this case, 10 x log 10=10).

outside face of the dwellings with appropriate assumptions for the differences between the outdoor and indoor sound levels. If the outside L_{Aeq} levels do not exceed the recommended objective sound levels, then the indoor L_{Aeq} levels will not be exceeded, assuming standard building construction and operable windows.

Overall daytime sound levels at the building facades are shown in Table 3 and the overall nighttime sound levels at the building facades are shown in Table 4.

In consideration of the estimated sound levels and by comparison to the acceptable indoor sound level criteria (Section 3) the following is concluded that the sound levels at the outside walls of the proposed building (within any habitable room on any floor) is predicted to exceed $L_{Aeq(day)}$ 65 and/or $L_{Aeq(night)}$ 60 dBA respectively. Therefore, central air conditioning is required.

Typical Acoustic Insulation Factors (A.I.F.) are summarized in Tables 3 and 4.

Additional Notes Regarding Air Conditioning Systems in Apartment Buildings

Based on the Sound Level Criteria and the established future sound levels, it was concluded that some of the dwelling units in the apartment building within the proposed development may require air conditioning and/or provision for future installation of air conditioning.

There are several techniques available to air condition apartment units using either a system central to the entire building or alternatively each apartment unit would have its own central system including the indoor fan and the outdoor condensing unit.

As it is not the subject of this report to discuss the specifics of all systems that may be used, the following comments are offered, to assist the proponent, the Mechanical Engineer and the Contractor in appreciating the acoustical problems and concerns associated with some of the commonly available commercial air conditioning systems:

1. The location and the design of the central system (cooling tower, condensing unit, openings in mechanical rooms, etc.) are important elements that should be checked by the Mechanical Engineer in order to achieve the stated outdoor and indoor sound level criteria.
2. Air conditioning units central to each individual apartment unit should also be designed by the Mechanical Engineer to meet the objective sound levels. If split-systems are used, then the location of the outdoor units should be selected to avoid outdoor living areas and the windows of habitable spaces. Other noise control measures available include quieter makes, the use of sound barriers, etc. If through the wall incremental units are used, then the selected incremental units should have the following features in order to

reduce the transmission of high outside noise levels into the suites:

a) The partition in the heating/cooling chassis should be of the acoustically sealed type (this partition separates the outdoor and indoor components).
b) The unit should preferably be of the insulated “double casing design”.
c) The interior of the unit should be acoustically lined.
d) The perimeter of the sleeve should be caulked all around with acoustical sealant.
e) The unit may be placed through the living room wall and ducts extended to the adjoining bedroom or dining room in accordance with manufacturers recommendations.

4.4 TYPICAL WINDOW / WALL CONSTRUCTION

As the detailed architectural plans for Building Permit submission are not available at this time, it is not possible to specify the window and wall details to meet the AIF requirements presented in Tables 3 and 4. Further detailed analysis should be undertaken based on the data presented in this Report to take into consideration the final room location, floor area, window type (operable or fixed), window size and orientation, etc. Such analysis is required by the MECP and the municipality prior to submission for building permits as part of their Certification process.

It must be pointed out that there are several factors affecting the final glass selection including:

1. Size of window.
2. Room dimensions.
3. Floor level and direction room faces.
4. Fixed or operable glass.
5. The number of building components.
6. Type of wall to be used.
7. Projected sound levels outside the window

For the calculation of type of windows required for each dwelling, a detailed description of each unit is required.

As an example, for a typical unit with daytime outdoor sound level of 71 dBA, the AIF value for the Living Room will be 33 assuming 3 components. If the window to floor ratio is 32%, then the window requirements in terms of glass thickness, mm (air space thickness, mm) glass thickness, mm are any of the following:

Double Glazed: 3mm (6mm) 6mm Laminated; 6mm Laminated (6mm) 6mm

As an example, for a typical unit with nighttime outdoor sound level of 65 dBA, the AIF value for the bedrooms will be 32 assuming 3 components. If the window to floor ratio is 20%, then the window requirements in terms of glass

thickness, mm (air space thickness, mm) glass thickness, mm are any of the following:

Double Glazed: 3mm (6mm) 6mm Laminated; 6mm Laminated (6mm) 3mm

The above window glazing construction is typical examples only. It is recommended that prior to the submission of the building plans for Building Permit that the detailed architectural drawings of the units requiring noise control measures, as referred to earlier, be examined by the Acoustical Engineer in order to advise the design consultant on the ***specific*** building components for noise control to suite the actual window construction details.

4.5 CONTROL OF AIR CONDITIONING UNITS NOISE

The resulting sound levels due to large central air conditioners associated with apartment and other buildings should not exceed the Ministry of the Environment, Conservation and Parks sound level criteria included in their Publications NPC-300 and NPC-233. Noise control measures for large central air conditioning systems include any or a combination of the following:

a. Directing the air intake and discharge openings away from the noise-sensitive receptors.
b. The use of partial and/or full enclosures.
c. Using parts of the building as sound barrier.
d. The use of silencers and/or acoustic louvers on air discharge and intake openings.
e. Distance setback.

It is also our recommendation that the necessary detailed technical analysis be performed prior to the certification process for Building Permit to address the specific requirements for the control of the selected air conditioning system to meet the sound level criteria at the point(s) of reception and to include same in the applicable permit drawings/ specifications.

4.6 INDOOR SOUND LEVELS

While the control of the indoor noise created by the air conditioning equipment is not the direct subject of this study, it is important that the selected and designed air conditioning systems achieve indoor sound levels that meet the OBC/ASHRAE criteria and be at least 5dB lower than the Ministry of the Environment, Conservation and Parks recommended indoor sound level criteria included in Section 3.0 of this study.

4.7 STATIONARY SOURCES OF NOISE

There are two primary types of stationary sources of noise that are addressed in this study which are discussed in more detail in the sections to follow; stationary sources of noise that are internal to or associated with the proposed development which include building mechanical systems; and stationary sources of noise that are external to the proposed development which include the nearby commercial plaza's HVAC and delivery truck activity.

Since the proposed details of the mechanical equipment and other sources of stationary noise within the proposed building are not available at the present time, reliance is made on other proxy data from similar developments elsewhere. Assessment of the details of the identified sources is best addressed during the Building Permit stage in particular for the building's HVAC equipment.

In regards to stationary noise sources associated with the commercial building (includes restaurants, pharmacy, convenience store, etc.) to the west, this study relied on factual data gathered in 2016 during actual field observations, measurements and predictions, samples of which are included in Appendix D.

Established Ambient Sound Levels

The lowest hourly ambient sound level at the following Receptors and Points of Reception of proposed residential development have been predicted based on comparable traffic data provided by the City of Mississauga. The predicted lowest hourly ambient sound level in each of the three time periods of interest for the stationary noise analysis are as follows:

POR 1: Leq(1h) = Day 62dBA/Evening 58dBA/Night 48dBA

Receptor Ra: Leq(1h) = Day 61dBA/Evening 57dBA/Night 47dBA
Receptor Rb: Leq(1h) = Day 61dBA/Evening 67dBA/Night 47dBA
Receptor Rc: Leq(1h) = Day 59dBA/Evening 55dBA/Night 45dBA
Receptor Rd: Leq(1h) = Day 54dBA/Evening 50dBA/Night 40dBA

4.7.1 STATIONARY SOURCES OF NOISE INTERNAL TO THE PROPOSED DEVELOPMENT

This section deals with stationary sources of noise that are internal to or associated with the proposed development, which include building mechanical systems.

Since the proposed details of the mechanical equipment and other sources of stationary noise within the proposed building are not available at the present time, reliance is made on other proxy data from similar developments elsewhere.

Assessment of the details of the identified sources is best addressed during the Building Permit stage in particular for the building's HVAC equipment.

The following is a full list of the potential sources that can be accounted for at this stage based on the level of detail being submitted as well as our experience in dealing with similar projects.

1. Proposed Building's HVAC System

This section deals with the potential noise impact of the proposed residential building's Heating Ventilation and Air Conditioning (HVAC) systems on the nearby noise sensitive land uses. The cumulative noise from such type of systems can generate potential noise that may affect the noise sensitive receptors.

Typically, there are three types of suite A/C units that may be used:

a) The use of a central A/C system that is central to the entire building whereby a large chiller, condenser (or fluid cooler/air-cooled condenser), pumps, etc. are used. The general location of such system is commonly on the roof of the subject building. Noise control of the referenced equipment is a fairly straight forward design exercise whereby the engineers can make use of several standard provisions for noise control. The provisions include the use of silencers, acoustic louvers, acoustic shielding by the structure, low noise emission levels equipment, etc. All of such measures are fairly straightforward as far as selection, design, and specifications. Accordingly, the details such measures can be specified in due course suitable for this land use application.

b) For many types of buildings and for the purposes of independent energy metering for individual suites, a packaged HVAC unit that is considered central to each suite is installed within each suite in a small closet with access to the outside for heat exchange and for gas heating vents. Each closet serving one suite contains a louver to the outside for condenser intake and discharge, as well as for natural gas exhaust vents. Of concern is the potential cumulative noise impact when several of such A/C units operate simultaneously during the day and night in the hot season, thus affecting the adjoining neighbours.

c) The other alternate means for central air conditioning of apartment units in relatively low rise apartment buildings and stacked townhouses is to use split-system heating/cooling units where the condenser is located on the roof of the building along with other condensing units serving the other neighbours in the same building or on each balcony in the suite. The evaporative coils are located in a small enclosure within the suite with access to the outside for combustion exhaust release (not usually of

concern). The multiple condensing unit installation on the roof or the cumulative balcony noise potential is the source of environmental noise affecting the neighbours and other nearby residential dwellings.

2. Makeup Air / Air Handling Units (MUA)

The proposed building will require makeup air units for the purpose of ventilation in the hallways using two large rooftop makeup air units.

The noise from the MUA units are likely to affect two points of reception which are the top floor residential units within the same tower, and the existing residential apartment tower to the east.

Based on the foregoing, there may be a need for the use of minor noise controls for the MUA's depending on the specific make and model of the MUA units which will be verified during the Building Permit stage.

3. Commercial Units within the Proposed Building

The proposed site plan drawings show the proposed commercial spaces on the ground floor of the building. The mechanical equipment associated with this component is addressed below:

One of the most common methods for ventilation and air conditioning of commercial spaces on ground level is to install such equipment with the cavity ceiling space of the commercial unit(s) themselves whereby access to the outdoor for fresh air and condenser air is achieved with the placement of louvers within the space leading to the outside. It is these openings or louvers that may be the reason for emitting noise to the nearby points of reception outside the building and possibly to the close by residential units within the building itself.

The least desirable method of air conditioning of commercial space is placement of packaged or split-system A/C units on the ground floor or on the low roof in close proximity to the commercial units.

At the present time, make and models of the equipment are not known, however it is our experience that such equipment are capable of generating high sound levels that may impact the proposed residential building subject of this assessment especially during late evening and early morning hours. The following is a short list of the typical noise control measures that may be required:

- Acoustic louvers (to be applied to vertical and horizontal surfaces including roof domes, etc.)
- Acoustically lined ducts and acoustically lined elbows/plenums

- Silencers to be inserted into the air intake/discharge ductwork
- The use of acoustic baffles
- Application of sound absorbing material to walls and ceilings of some mechanical spaces to control the reverberant field.
- Isolating equipment that is likely to create high levels of internal vibration that may be transferred to the structure through the continuous concrete floors and shear walls.

Another point worthy of consideration is that the joint party wall/floor separations between the above noted commercial space and the residential space would require acoustic consideration considerably over and above the OBC requirement for STC-50 for later determination.

4. Truck Deliveries to the Commercial Component

The drawings showing typical floor plans indicate the proposed location of truck loading and delivery area which is likely to include garbage pickup and regular truck delivery associated with the entire complex. The truck area is referred to as “Staging Area” which includes garbage pickup, moving trucks, and regular delivery trucks to the commercial areas including refrigerated delivery trucks. It is the commercial and refrigerated truck deliveries that are of immediate concern for noise due to the significance of the sound levels associated with such activities, the relatively short distance setback to the planned residential apartment units and the length of time that such deliveries may take. However, the design of the building is such that the “Staging Area” is located inside the loading room of the proposed building.

Ideally, refrigerated truck deliveries are usually controlled with the use of sound absorptive sound barrier walls that are at least 5m high and/or with the use of strict administrative procedures to lessen such impact. The use of a sound barrier wall in this situation is not technically and administratively feasible as a possible sound barrier may not block the sources of noise from the building otherwise it will block the entrance/exit delivery area.

The primary feasible control measures are for the use of administrative noise control measures as summarized below:

At least three (3) clearly visible warning signs should be placed near the entrance of the property, at the entrance and at the end of the “Staging Area” to convey the following message to the truck drivers: “Truck drivers must shutdown their engines when idling or when parked on this property”. The property management should install the necessary visual and audio control to be able to monitor trucking activities within the staging area with the remote viewing and listening located at the front desk security officer.

The timing for such delivery activities should be limited to 7am to 7pm or as directed by the future Condominium Board – This represents the daytime hours.

The noise impact from commercial deliveries and other truck activity could also be further improved with the inclusion of 3-inch semi rigid roxul sound insulation material covering 70-80% of the interior of the Loading Room.

Figure 6 illustrates the internal stationary noise sources assumed for the proposed development. Figure 7 illustrates the Point of Reception (POR1) and the truck delivery/pickup area.

The impact of the truck deliveries on the building itself was considered. POR 1 was determined to have an hourly Leq level of 52 dBA. This level is based on 1 truck entering the site, idling 5 minutes in the "Loading Area" and then driving off the property. The details of this sound level assessment is found at the end of Appendix E.

The acoustic assessment of the stationary noise at the point of reception can be summarized as follows:

Internal Stationary Noise Evaluation: Unmitigated

Point of Reception ID	Point of Reception Description	Sound Level at Point of Reception Leq(1h)	Performance Limit Sound Levels Leq(1h)	Compliance with Performance Limits
POR 1	Residential unit above truck bay	57 dBA Day	62dBA Day	Yes

Therefore, no further noise control measures are required to protect the development itself from the commercial deliveries to the ground floor commercial spaces.

4.7.2 STATIONARY SOURCES OF NOISE EXTERNAL TO THE PROPOSED DEVELOPMENT

Introduction and Methodology

The preparation of this noise impact assessment is primarily concerned with the documentation and assessment of the changes in noise in accordance with the following main procedures:

1. Describe the existing and future noise environment.
2. Predict the future noise environment of the project

3. Assess the noise impact and recommend noise control measures, if required.

The standard practice for impact assessment of stationary sources of noise is to consider the noise potential at the nearest noise sensitive points of reception at the outside face of a building. This is done to assist in determining the degree of impact on the indoor noise-sensitive spaces.

The points of reception have been selected such that should it be concluded that the MECP sound level criteria are met at these locations then by extension all other receptors are also compliant.

The primary objective of stationary noise analysis is to obtain a combined hourly L_{eq} (equivalent sound level) for all stationary sources of concern to the development. This sound level is compared to the higher of the MECP criteria and ambient sound level to establish compliance. This total stationary noise level is calculated at each point of reception for each of the three time periods of the day.

The individual sound emission levels produced by each noise producing source were determined by conducting actual field measurements at reference distances. For pieces of equipment that could not be turned on during the measurement session, reliance was made on the manufacturer's sound data to predict the sound levels at the points of reception. Appendix D contains sample field test results of several stationary sources of concern. The field measurements break down the noise by octave band. This analysis can be used to determine if a tonal penalty needs to be applied to a given unit.

Finally, the total sound level at a given receptor is calculated by modeling all the stationary sources together using site related data including shielding, distance setback, etc. The hourly operating times for each source are included in this model to allow for the expected reduced operating times during the evening and night hours for some stationary sources. The model combines the effect of all the stationary sources and estimates their effect at the given receptors. Appendix E contains sample calculations of the sound levels at Ra by this method.

Established Ambient Sound Levels

For the external stationary noise assessment, it is important to consider the existing prevailing ambient sound levels due to traffic at the receptor of concern. This is in accordance with the requirements of the MECP in their document NPC-300.

Figure 7 shows the location of the point of reception which was used to predict minimum ambient sound levels. For this particular point the major source of noise is the traffic on Dundas Street.

The details related to the establishment of the ambient sound levels at the points of reception of concern are included in Appendix C. The traffic data for Dundas Street is included in Appendix A.

Source Assumptions

The following sections summarize the assumptions that were made for the noise prediction model.

Commercial Plaza 1 to the west includes restaurants with multiple exhaust fans and other HVAC units. Sound level measurements of the exhaust fans and HVAC units for this building (while operating during lunch time) were performed and used as emission levels in the noise model.

Commercial Plaza 2 to the north includes multiple rooftop HVAC units. However, the impact of this plaza is negligible compared to the ambient noise from Dundas Street East which is closer to the development. Moreover, the south-east face of the development, where the lowest ambient sound levels exists, is not directly exposed to the noise from these units.

Figure 8 illustrates the locations of the Commercial Plazas.

Measurement Equipment

The attended sound level measurements were performed using the following equipment:

- Rion NA-28, Type 1 Precision Integrating Sound Level Meter and Real Time Frequency Analyzer fitted with 1/1 & 1/3 Octave Bands filters and a 1/2" condenser microphones c/w windscreen.
- Bruel & Kjaer Precision Calibrator Model B&K 4231.

The sound level measurement procedures were primarily based on the Ministry of Environment procedures in their Publication NPC-103 "Procedures" included in the Model Municipal Noise Control by-Law, the recommendations of the instrument manufactures and the best engineering practices to suit site specific conditions. The sound level meters were checked and calibrated before, during and following completion of the measurement sessions without any appreciable change in the sound levels.

The weather conditions during the measurement sessions were favourable for measurements as the local wind speed did not exceed 30 km/hr and there was no precipitation.

Sound Level Calculations Model

A 3-D computer program for multiple point and line sources and multiple receivers was used to calculate the sound levels. The program takes into account:

- Reference sound levels and reference distances for the equipment working in each area of the subject development, i.e. sound emission levels.
- The Cartesian co-ordinates (x, y & z) of all sources and receivers.
- The number of events or occurrences of the noise in a given time period and the time period of each event.
- Spherical divergence factor.
- Additional attenuation due to sound barriers; natural or man-made types.
- Additional attenuation due to ground (as modified by sources/receiver elevations, the presence of intervening barriers and the type of ground).
- Atmospheric attenuation due to air molecular absorption.

Impact Assessment and Findings – For Site Being Considered as MECP Class 1 Area

The unmitigated acoustic assessment of the stationary noise at the points of reception can be summarized as follows:

External Stationary Noise Evaluation: Unmitigated (Class 1)

Point of Reception ID	Point of Reception Description	Sound Level at Point of Reception Leq(1h)	Performance Limit Sound Levels Leq(1h)	Compliance with Performance Limits
Ra	South Façade See Figure 9.	55 dBA Day 55 dBA Eve 54 dBA Night	61 dBA Day 57 dBA Eve 47 dBA Night	Yes Yes No
Rb	West Façade – North side See Figure 9.	55 dBA Day 54 dBA Eve 54 dBA Night	61 dBA Day 57 dBA Eve 47 dBA Night	Yes Yes No
Rc	South Façade See Figure 9.	57 dBA Day 56 dBA Eve 55 dBA Night	59 dBA Day 55 dBA Eve 45 dBA Night	Yes No No
Rd	West Façade – South side See Figure 9.	54 dBA Day 53 dBA Eve 52 dBA Night	54 dBA Day 50 dBA Eve 45 dBA Night	Yes No No

Based on the results of the field investigation and the acoustic prediction model, it is our finding that the existing commercial operation to the west is of concern

for noise for the proposed development and requires mitigation.

Figure 11 shows the Daytime sound level contours for the stationary noise due to the commercial plaza to the west.

This finding, which differs from the conclusion of Revision 5, is the result of two primary factors. Firstly, the hours of operation for the "Montfort" restaurant (located at the north corner of the commercial plaza) are now known to include nighttime operations. As such, the nighttime operation assumptions for the exhaust fan associated with this restaurant was increased from 0 minutes per hour to 60 minutes per hour during the nighttime period. This exhaust fan (EX-1) is one of the loudest pieces of HVAC equipment associated with the development and also happens to be the closest in proximity to the proposed development. Therefore, this change had a significant impact on the predicted nighttime sound levels. Secondly, the change to the shape of the building since Revision 5 has created an additional "step shape" at Rc, creating a location which is almost entirely shielded from the ambient noise – which means the strictest MECP sound level criteria, the exclusion limits, must be applied. This is especially relevant at night where there are high predicted excesses due to Ex-1.

Impact Assessment and Findings – For Site Being Considered as MECP Class 4 Area

Due to the significance of the excesses, (Rc has a 10 dB excess at night) the controls required to achieve compliance with the limits of a Class 1 Area (including the allowance from ambient noise) would be unreasonably substantial and costly. **SSWA therefore is strongly recommending that the area be re-designated as a Class 4 area – subject to the approval of the City of Mississauga**. With the Class 4 re-designation, there will be no additional mitigation measures will be required for the commercial facility.

The following warning clause should also be registered in all Development Agreements and Offers of Sale and Purchase or Lease of these properties having a balcony:

> "*Purchasers/tenants are advised that sound levels due to the adjacent commercial lands are required to comply with sound level limits that are protective of indoor areas and are based on the assumption that windows and exterior doors are closed. This dwelling unit has been supplied with a ventilation/air conditioning system which will allow windows and exterior doors to remain closed."*

With the Class 4 Area designation, the mitigated acoustic assessment of the stationary noise at the points of reception can be summarized as follows:

External Stationary Noise Evaluation: Mitigated (Class 4)

Point of Reception ID	Point of Reception Description	Sound Level at Point of Reception Leq(1h)	Performance Limit Sound Levels Leq(1h)	Compliance with Performance Limits
Ra	South Façade See Figure 9.	55 dBA Day 55 dBA Eve 54 dBA Night	61 dBA Day 60 dBA Eve 55 dBA Night	Yes Yes Yes
Rb	West Façade – North side See Figure 9.	55 dBA Day 54 dBA Eve 54 dBA Night	61dBA Day 60 dBA Eve 55 dBA Night	Yes Yes Yes
Rc	South Façade See Figure 9.	57 dBA Day 56 dBA Eve 55 dBA Night	60 dBA Day 60 dBA Eve 55 dBA Night	Yes Yes Yes
Rd	West Façade – South side See Figure 9.	54 dBA Day 53 dBA Eve 52 dBA Night	60 dBA Day 60 dBA Eve 55 dBA Night	Yes Yes Yes

Therefore, with the application of a Class 4 Area designation the proposed development meets the MECP's Class 4 Area standards for stationary noise.

Figures 12 shows the sound level at each receptors for different time periods for the external stationary noise.

Appendix E includes sample calculation sheets of the unmitigated and mitigated external stationary noise impact assessments.

Comparison of the Existing Predicted Commercial Building Noise Impact on the Existing Apartment Building to the South

For reference and decision making purposes, this section provides additional information on the present sound levels due to the commercial building and how high the levels are relative to the government sound level criteria.

While it is not the subject of this study to address the impact of the existing Stationary noise on the existing residential land-uses, however this section provides additional information for comparison purposes between the proposed apartment building and the comparable apartment building immediately to the south of the existing commercial building.

Figures 11 and 12 illustrate the predicted sound level contours due to the commercial building operations based on which the recommendations presented

herein this study are made respecting the proposed apartment building. For your information, the same prediction methodology was also used to generate how the existing sound level contours are currently affecting the existing apartment building to the south.

The referenced contours and the resulting specific sound levels at the existing apartment building to the south are also shown in Figures 11 and 12 (Re and Rf). The levels in this case range from 55 dBA to 57 dBA and 58 dBA to 60 dBA during the night, which are considered in excess of MECP sound level criteria for Stationary sources. Realistically speaking, such levels are likely to be 1 to 3 dB lower than the predicted, and in addition the existing ambient due to traffic on Dundas and Hurontario St may be masking such excesses.

To conclude this issue, the levels anticipated at the existing apartment building are acoustically comparable to those projected at the proposed apartment building.

Implementation Procedures for the Stationary Sources of Noise

a) The necessary Development Agreement(s) should include the details of all the necessary noise control measures and procedures as outlined herein in this noise study to the satisfaction of all concerned parties.

b) All issues related to the impact of the existing commercial land-use on the proposed building as well as other details related to the internally generated future sources of noise should be evaluated with more precision prior to Site Plan Approval and implementation procedures to be also included and implemented as advised in the study for Site Plan Approval.

c) Prior submission of the project plans for Building Permit, negotiations should take place between the developer and the owner/manager of the equipment of concern with a view to working out and implementation procedures of the necessary noise control measures on the roof of the commercial property to the west. This will necessitate further examination of the detailed technical issues related to construction of roof sound barriers/enclosures and production of the necessary design details for submission to the City for approval. It is to be noted that the developer, based on the MECP standards is fully responsible for the cost of the implementation including design and construction.

d) Prior to their final inspection and release for occupancy, the subject dwellings as well as the noise control measures planned within the subject commercial building should be certified by an Acoustical Engineer as being in compliance with the recommendations of the findings and details agreed upon during the building permit stage.

4.8 Important Notes for the Residential Builder Regarding Windows

The results in this report provide information on the calculated Acoustic Insulation Factors (AIF) for windows based on typical assumed window and room dimensions.

To assist the Builder in appreciating the fact of whether the results presented herein require typical commercially available residential type windows, or special type windows, the following table[7] provides reasonably accurate information on whether such window(s) are standard industry window or not:

Acoustic Insulation Factor (AIF) in this report	**35**	**34**	**33**	**32**	**31**	**30**	**29**	**28**	**27**	**26**
Window to room floor area percentage NOT to be exceeded	**10%**	**13%**	**16%**	**20%**	**25%**	**32%**	**40%**	**50%**	**63%**	**80%**

If the above ratios are exceeded, several options are available to the builder including one or more of: reducing the size of the window, increasing the inter-pane air spacing, the use of thicker glazing, the use of "laminated" glazing (1 or 2 panes), etc.

WORKED EXAMPLE 1:

- AIF shown in this study: 31
- Actual room floor area: 250 sq.ft.
- You selected a window area of: 45 sq.ft
- Your window/floor ratio: (45 divided by 250, then times 100) =18%
- Your result is less than above table value 25%; i.e. standard glazing unit

WORKED EXAMPLE 2:

- AIF shown in this study: 34
- Actual room floor area: 200 sq.ft.
- You selected a window area of: 50 sq.ft
- Your window/floor ratio: (50 divided by 200, then times 100) =25%
- Your result is more than above table value 13%; i.e. Non-standard (special) glazing unit

[7] Based on a typical commercially available glazing: 3mm inside pane, 16mm inter-pane air space & 3mm exterior pane.

4.9 Abbreviations

Basic Descriptor	Measurement Weighting	Time Weighting Characteristics **F**(Fast). **S**(Slow). **I**(Impulse).
L_p Sound pressure level	A-Weighted sound pressure level	L_{AF}, L_{AS}, L_{AI}
	C-Weighted sound pressure level	L_{CF}, L_{CS}, L_{CI}
	Z-Weighted sound pressure level(Flat)	L_{ZF}, L_{ZS}, L_{ZI}
L_{eq} Equivalent continuous sound level	Equivalent continuous A-weighted sound level	$L_{Aeq,}$ L_{AIeq}
	Equivalent continuous C-weighted sound level	$L_{Ceq,}$ L_{CIeq}
	Equivalent continuous Z-weighted(Flat) sound level	$L_{Zeq,}$ L_{ZIeq}
L_E Sound Exposure Level	A-Weighted sound exposure Level	L_{AE}, L_{AIE}
	C-Weighted sound exposure Level	L_{CE}, L_{CIE}
	Z-Weighted sound exposure Level(Flat)	L_{ZE}, L_{ZIE}
L_{max}, L_{min}	Maximum A-weighted sound level	L_{AFmax}, L_{ASmax}, L_{AImax}
Maximum Sound Level	Maximum C-weighted sound level	L_{CFmax}, L_{CSmax}, L_{CImax}
	Maximum Z- weighted sound level(Flat)	L_{ZFmax}, L_{ZSmax}, L_{ZImax}
L_N Percentile Sound Level	Percentile A-weighted sound level	L_{AFNn}, L_{ASN}, L_{AIN}
	Percentile C-weighted sound level	L_{CFNn}, L_{CSN}, L_{CIN}
	Percentile Z-weighted sound level(Flat)	L_{ZFNn}, L_{ZSN}, L_{ZIN}
L_{peak}	A-Weighted peak sound level	L_{Apeak}
Peak Sound Level	C-Weighted peak sound level	L_{Cpeak}
	Z-Weighted peak sound level(Flat)	L_{Zpeak}

TABLES

TABLE 1

SUMMARY OF MINIMUM REQUIRED NOISE CONTROL MEASURES

RECEPTOR	SOUND BARRIER	CENTRAL AIR CONDITIONING	PROVISION FOR CENTRAL AIR CONDITIONING	WARNING CLAUSE
COLA- Ground Floor Amenity Space (North)	Yes 2.2m High Barrier	--	--	--
COLA- Ground Floor Amenity Space (South)	No	--	--	--
COLA-Terrace for Apartment Building (7^{th} Floor)	1.2m High Parapet/Rooftop Barrier	--	--	--
North OLA – 16^{th} Floor	1.2m High Parapet/Rooftop Barrier	--	--	--
South OLA – 16^{th} Floor	1.2m High Parapet/Rooftop Barrier	--	--	--
Apartment Building (All Units)	--	Yes	--	Yes

N6 Leq-AIF Master-January 2007 Proceed

SS WILSON ASSOCIATES

26/09/2019 9:47

Leq- AIF CALCULATIONS AND TYPICAL WINDOW GLAZING REQUIREMENTS (Using NRC/MOE Pocedure

File Number : WA16-004

Project Name : 86-90 Dundas Street East, Mississagua

OUTDOORS

Table 2

Description :

Description :

Any Heavy Rail Line ?	Yes
Appropriate adjustment will be applied to the Acoustic Insulation Factor to account for their	

Record Number	1	2	3	4	5	6	7	8	9	10	11	12
Consider Record	Y	Y	N	N	Y	Y	Y	N	N	N	N	N
UNIT/ LOT NO.	Ground Floor North COLA	Ground Floor South COLA			7th Floor Amenity COLA	North 16th Floor PH Terrace OLA	South 16th Floor PH Terrace OLA					
FACE/ DIRECTION	North	North			North	North	North					
LOCATION	OUTDOOR LIVING AREA	OUTDOOR LIVING AREA			OUTDOOR LIVING AREA	OUTDOOR LIVING AREA	OUTDOOR LIVING AREA					
Source 1: Dundas St. East	**Road Traffic**		OUTDOOR DAYTIME LEVELS			OUTDOOR DAYTIME LEVELS			OUTDOOR DAYTIME LEVELS			
Leq Outdoors	59.00	57.00			70.00	67.00	60.00					
Partial angle of exposure, degrees	180	180			180	180	180					
Partial exposure adjust., dB												
Barrier Reduction												
Additional Adjustment, dB	-6.00				-15.00	-12.00	-5.00					
Sub-Total Leq, dBA	**53.00**	**57.00**			**55.00**	**55.00**	**55.00**					
Source 2:	**Rail Traffic**		OUTDOOR DAYTIME LEVELS			OUTDOOR DAYTIME LEVELS			OUTDOOR DAYTIME LEVELS			
Leq Daytime												
Partial angle of exposure, degrees	180	180			180	180	180					
Partial exposure adjust., dB												
Additional Adjustment, dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA												
Source 3:	**Road Traffic**		OUTDOOR DAYTIME LEVELS			OUTDOOR DAYTIME LEVELS			OUTDOOR DAYTIME LEVELS			
Leq Daytime												
Partial angle of exposure, degrees	180	180			180	180	180					
Partial exposure adjust., dB												
Additional Adjustment, dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA												
Source 4:	**Road Traffic**		OUTDOOR DAYTIME LEVELS			OUTDOOR DAYTIME LEVELS			OUTDOOR DAYTIME LEVELS			
Leq Daytime												
Partial angle of exposure, degrees	180	180			180	180	180					
Partial exposure adjust., dB												
Additional Adjustment, dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA												
Sub-Tot. 4 Sources Leq, dBA	**53.00**	**57.00**			**55.00**	**55.00**	**55.00**					
Aircraft noise NEF/NEP												
Adjust.1												
Adjust.2												
Adjusted NEF/NEP												
Approx. Overall Combined Leq	*53*	*57*			*55*	*55*	*55*					
Overall Road and/or Rail and/or Stationary Sources, Leq (dBA)	***53***	***57***			***55***	***55***	***55***					
Aircraft Noise Only, NEF												
NOTES	2.2m high sound barrier req.	No rational location for barrier			1.2m parapet sound barrier req.	1.2m parapet sound barrier req.	1.2m parapet sound barrier req.					

N6 Leq-AIF Master-January 2007 Proceed

SS WILSON ASSOCIATES

05/09/2019 12:21

Leq- AIF CALCULATIONS AND TYPICAL WINDOW GLAZING REQUIREMENTS

File Number : WA16-004

DAYTIME

(Using NRC/MOE Pocedures)

Project Name : 86-90 Dundas Street East, Mississagua

Table 3

Description :

Description :

Caution: , the AIF Reported for heavy Rail Noise is the Higher of day and night

Record Number	1	2	3	4	5	6	7	8	9	10	11	12
Consider Record	Y	N	N	N	N	N	N	N	N	N	N	N
UNIT/ LOT NO.	Appartment											
FACE/ DIRECTION	North											
LOCATION	façade											
ROOM CLASSIFICATION	Living / Dining											
Adjustm. to Criterion, dBA												
MOE Transportation Sources Daytime Leq Indoor Criteria, dBA	45											
Aircraft Indoor Criteria, NEF	5											
Source 1: Dundas St. East	**Road Traffic**		DAYTIME LEVELS			DAYTIME LEVELS			DAYTIME LEVELS			
Leq Daytime	71.00											
Partial angle of exposure, degrees	180											
Partial exposure adjust., dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA	**71.00**											
Angular range of incidence (0,1,2,3)												
Adjusted AIF	33	37	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38
Source 2:	**Rail Traffic**		DAYTIME LEVELS			DAYTIME LEVELS			DAYTIME LEVELS			
Leq Daytime												
Partial angle of exposure, degrees	180											
Partial exposure adjust., dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA												
Angular range of incidence (0,1,2,3)												
Adjusted AIF	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28
Source 3:	**Road Traffic**		DAYTIME LEVELS			DAYTIME LEVELS			DAYTIME LEVELS			
Leq Daytime												
Partial angle of exposure, degrees	180											
Partial exposure adjust., dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA												
Angular range of incidence (0,1,2,3)												
Adjusted AIF	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38
Source 4:	**Road Traffic**		DAYTIME LEVELS			DAYTIME LEVELS			DAYTIME LEVELS			
Leq Daytime												
Partial angle of exposure, degrees	180											
Partial exposure adjust., dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA												
Angular range of incidence (0,1,2,3)												
Adjusted AIF	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38
Sub-Tot. 4 Sources Leq, dBA	**71.00**											
Aircraft noise NEF/NEP												
Adjust.1												
Adjust.2												
Adjusted NEF/NEP												
Approx. Overall Combined Leq	*71*											
Assumed Window/ Floor Area %	32.0											
Assumed Total # of Components (Road, Rail, and Other Sources)	3											
Assumed Total # of Components Aircraft ONLY	3											
AIF of 4 Sources	*33*											
Aircraft AIF												
Combined AIF	33											
Openable or Fixed windows ?	Openable											
Regular or Laminated Glass	Laminated											
Other Adjustment												
Final Adjusted AIF	30											
Minimum STC (Approx)	*31*											
Typical Minimum Double Glazing Alternatives	3(6)6 6(6)6											
NOTES												

SS WILSON ASSOCIATES

SUMMARY TABLE OF **Leq- AIF CALCULATIONS AND TYPICAL WINDOW GLAZING REQUIREMENTS**

WA16-004

86-90 Dundas Street East, Mississagua

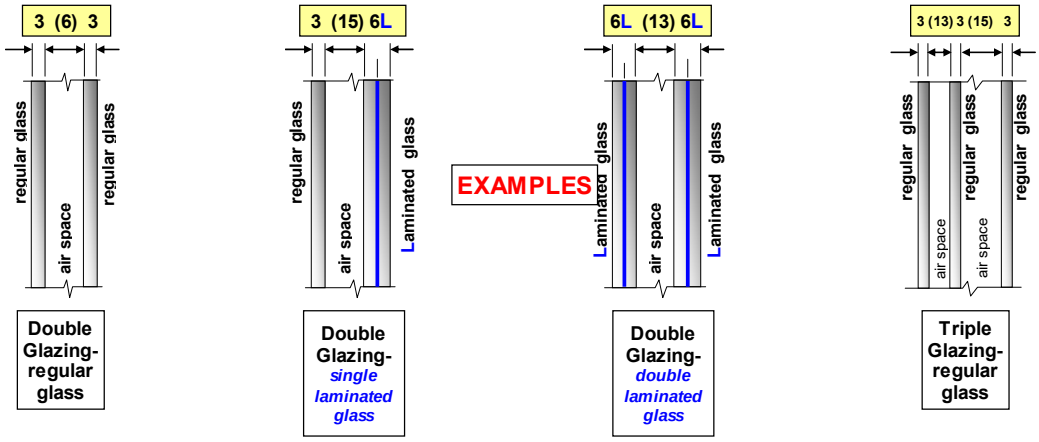
DAYTIME

Table 3

- Windows must be well-fitted weatherstripped units.
- The interpane spacing shown in the tables are the minimum acceptable.
- Larger spacing for a given glazing thickness normally improves the performance.

UNIT/ LOT NO.	FACE/ DIR ECTION	ROOM CLASSIFIC ATION	LOCATION	Openable or Fixed Window	Regular Strength or Laminated Glass	Combined AIF	Approx. Overall Combined Leq	Double Glazing Alternatives , mm	Triple Glazing Alternatives , mm	*Minimum STC (Approx)*
Appartment	North	Living /Dining	façade	Openable	Laminated	33	71	3(6)6 6(6)6		*31*

ABBREVIATIONS SPECIFIC TO THIS PROJECT : FF(Front Face), RF(Rear Face), RS(Right Side face), LS(Left Side face)



N6 Leq-AIF Master-January 2007 Proceed

SS WILSON ASSOCIATES

05/09/2019 12:21

Leq- AIF CALCULATIONS AND TYPICAL WINDOW GLAZING REQUIREMENTS

(Using NRC/MOE Pocedures)

File Number : WA16-004

Project Name : 86-90 Dundas Street East, Mississagua

NIGHT TIME

Table 4

Description :

Description :

Caution: , the AIF Reported for heavy Rail Noise is the Higher of day and night

Record Number	1	2	3	4	5	6	7	8	9	10	11	12
Consider Record	Y	N	N	N	N	N	N	N	N	N	N	N
UNIT/ LOT NO.	Appartment											
FACE/ DIRECTION	North											
LOCATION	Façade											
ROOM CLASSIFICATION	Bedroom											
Adjustm. to Criterion, dBA												
MOE Transportation Sources Night Leq Indoor Criteria, dBA	40											
Aircraft Indoor Criteria, NEF												
Source 1: Dundas St. East	**Road Traffic**		NIGHT TIME LEVELS			NIGHT TIME LEVELS			NIGHT TIME LEVELS			
Leq Night Time	65.00											
Partial angle of exposure, degrees	180											
Partial exposure adjust., dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA	**65.00**											
Angular range of incidence (0,1,2,3)												
Adjusted AIF	32	35	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33
Source 2:	**Rail Traffic**		NIGHT TIME LEVELS			NIGHT TIME LEVELS			NIGHT TIME LEVELS			
Leq Night Time												
Partial angle of exposure, degrees	180											
Partial exposure adjust., dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA												
Angular range of incidence (0,1,2,3)												
Adjusted AIF	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28
Source 3:	**Road Traffic**		NIGHT TIME LEVELS			NIGHT TIME LEVELS			NIGHT TIME LEVELS			
Leq Night Time												
Partial angle of exposure, degrees	180											
Partial exposure adjust., dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA												
Angular range of incidence (0,1,2,3)												
Adjusted AIF	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33
Source 4:	**Road Traffic**		NIGHT TIME LEVELS			NIGHT TIME LEVELS			NIGHT TIME LEVELS			
Leq Night Time												
Partial angle of exposure, degrees	180											
Partial exposure adjust., dB												
Additional Adjustment, dB												
Sub-Total Leq, dBA												
Angular range of incidence (0,1,2,3)												
Adjusted AIF	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33
Sub-Tot. 4 Sources Leq, dBA	**65.00**											
Aircraft noise NEF/NEP												
Adjust.1												
Adjust.2												
Adjusted NEF/NEP												
Approx. Overall Combined Leq	*65*											
Assumed Window/ Floor Area %	20.0											
Assumed Total # of Components (Road, Rail, and Other Sources)	3											
Assumed Total # of Components Aircraft ONLY	3											
AIF of 4 Sources	*32*											
Aircraft AIF												
Combined AIF	32											
Openable or Fixed windows ?	Openable											
Regular or Laminated Glass	Laminated											
Other Adjustment												
Final Adjusted AIF	29											
Minimum STC (Approx)	*28*											
Typical Minimum Double Glazing Alternatives	3(6)6 6(6)3											
NOTES												

SS WILSON ASSOCIATES

SUMMARY TABLE OF **Leq- AIF CALCULATIONS AND TYPICAL WINDOW GLAZING REQUIREMENTS**

WA16-004

86-90 Dundas Street East, Mississagua

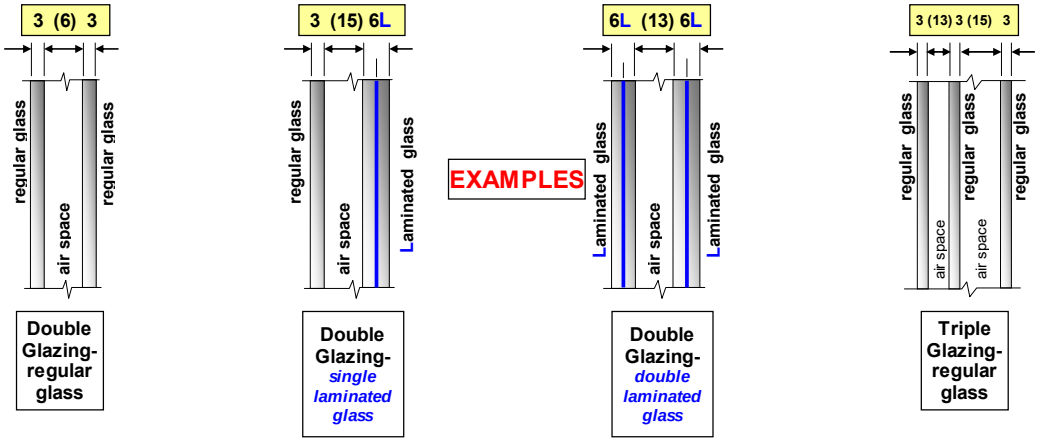
NIGHT TIME

Table 4

- Windows must be well-fitted weatherstripped units. - The interpane spacing shown in the tables are the minimum acceptable.
- Larger spacing for a given glazing thickness normally improves the performance.

UNIT/ LOT NO.	FACE/ DIR ECTION	ROOM CLASSIFIC ATION	LOCATION	Openable or Fixed Window	Regular Strength or Laminated Glass	Combined AIF	Approx. Overall Combined Leq	Double Glazing Alternatives , mm	Triple Glazing Alternatives , mm	*Minimum STC (Approx)*
Appartment	North	Bedroom	Façade	Openable	Laminated	32	65	3(6)6 6(6)3		*28*

ABBREVIATIONS SPECIFIC TO THIS PROJECT : FF(Front Face), RF(Rear Face), RS(Right Side face), LS(Left Side face)



FIGURES

FIGURE 1
KEY PLAN

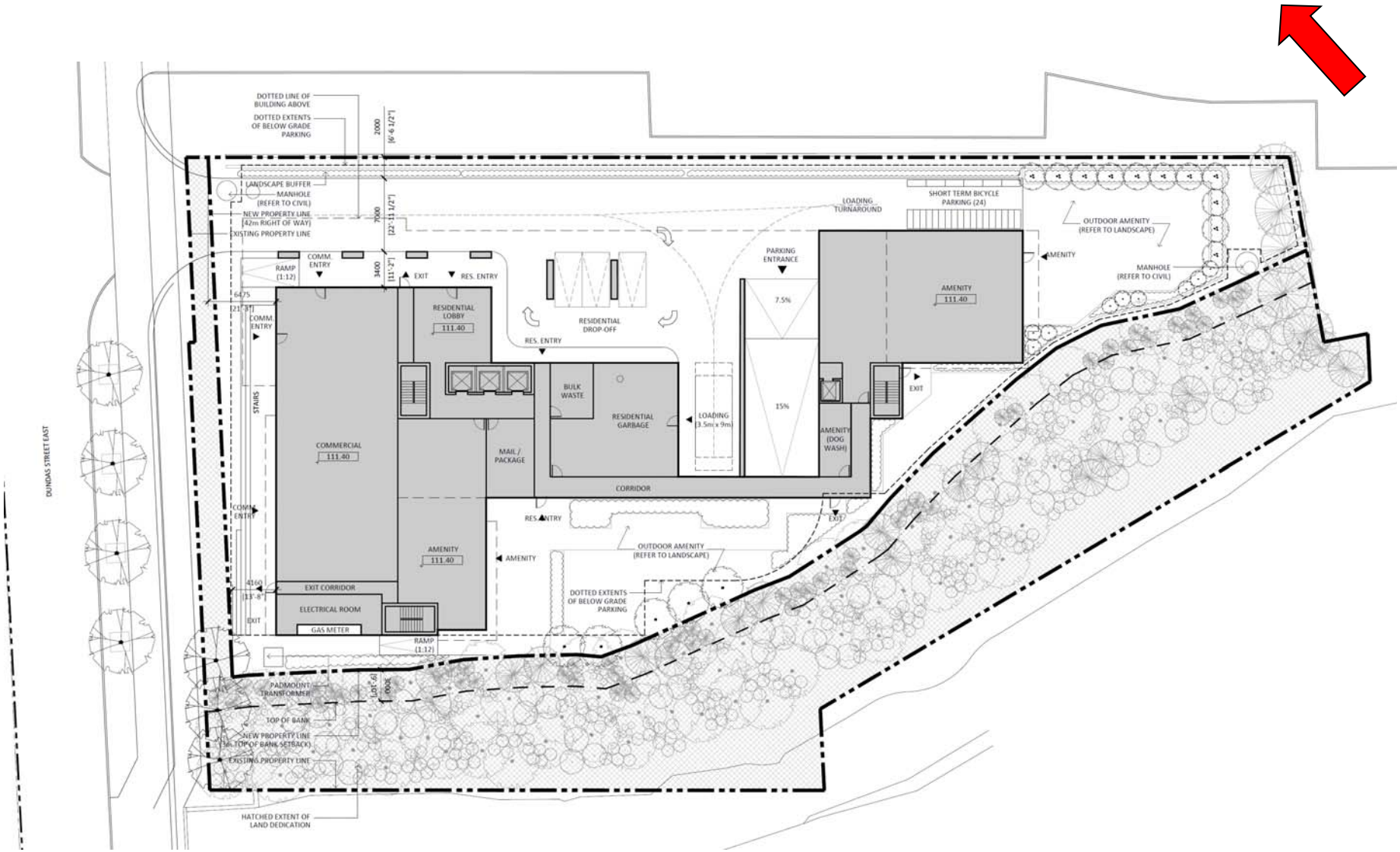


FIGURE 2
SITE PLAN

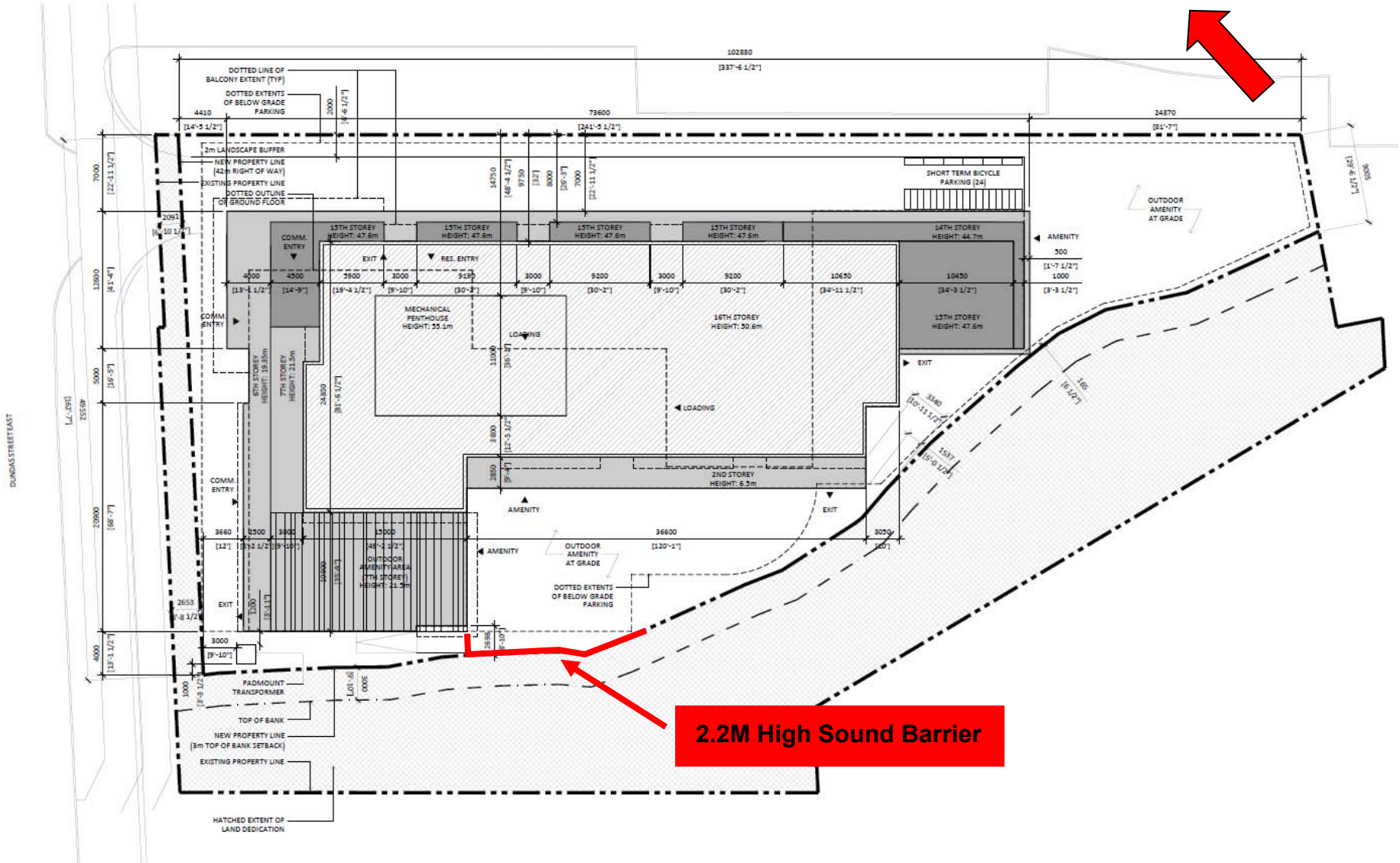


FIGURE 3
SCHEMATIC SOUND BARRIER ALIGNMENTS - GROUND FLOOR

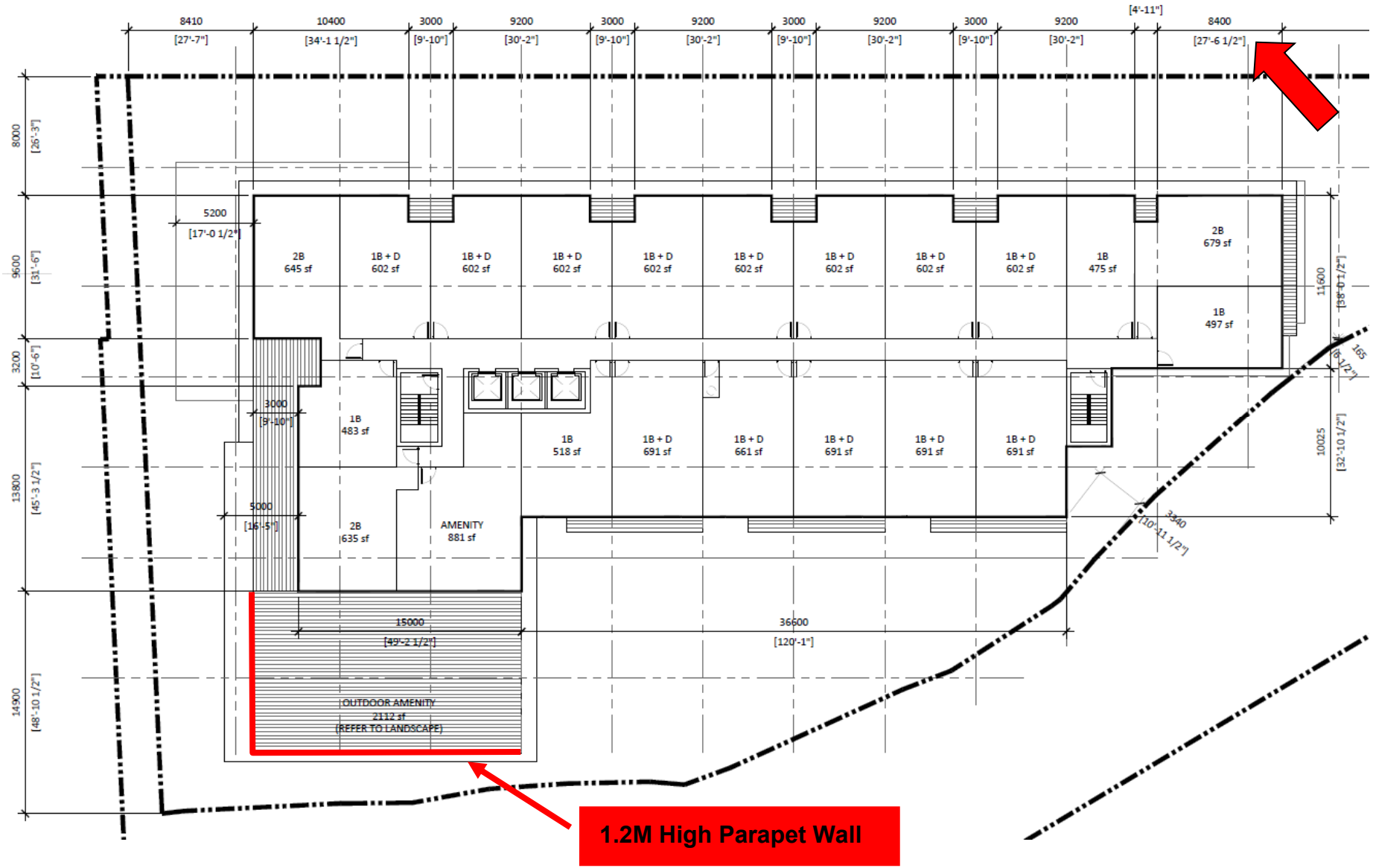


FIGURE 4
SCHEMATIC SOUND BARRIER ALIGNMENTS – 7th FLOOR

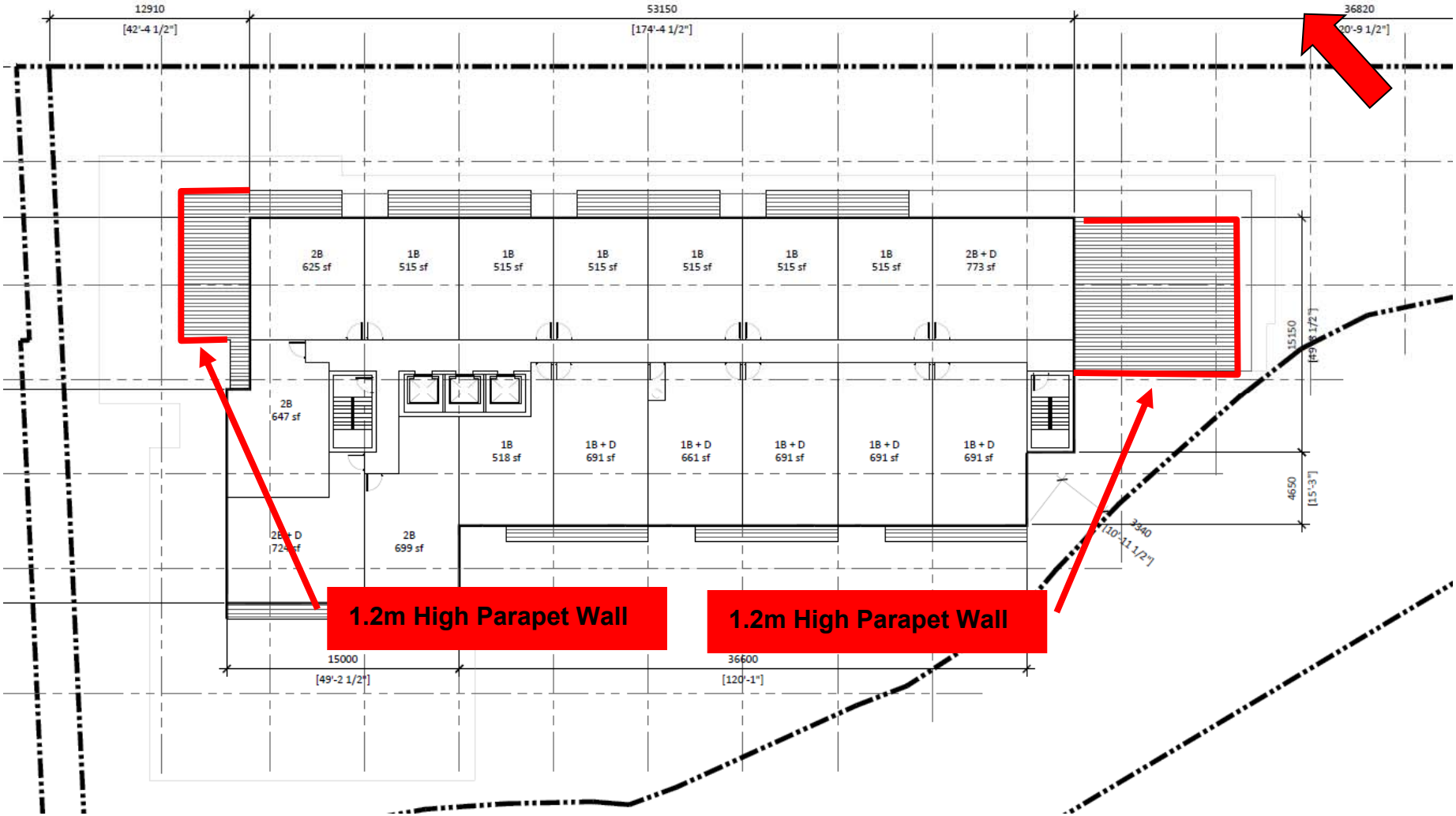


FIGURE 5
SCHEMATIC SOUND BARRIER ALIGNMENTS – 16th FLOOR

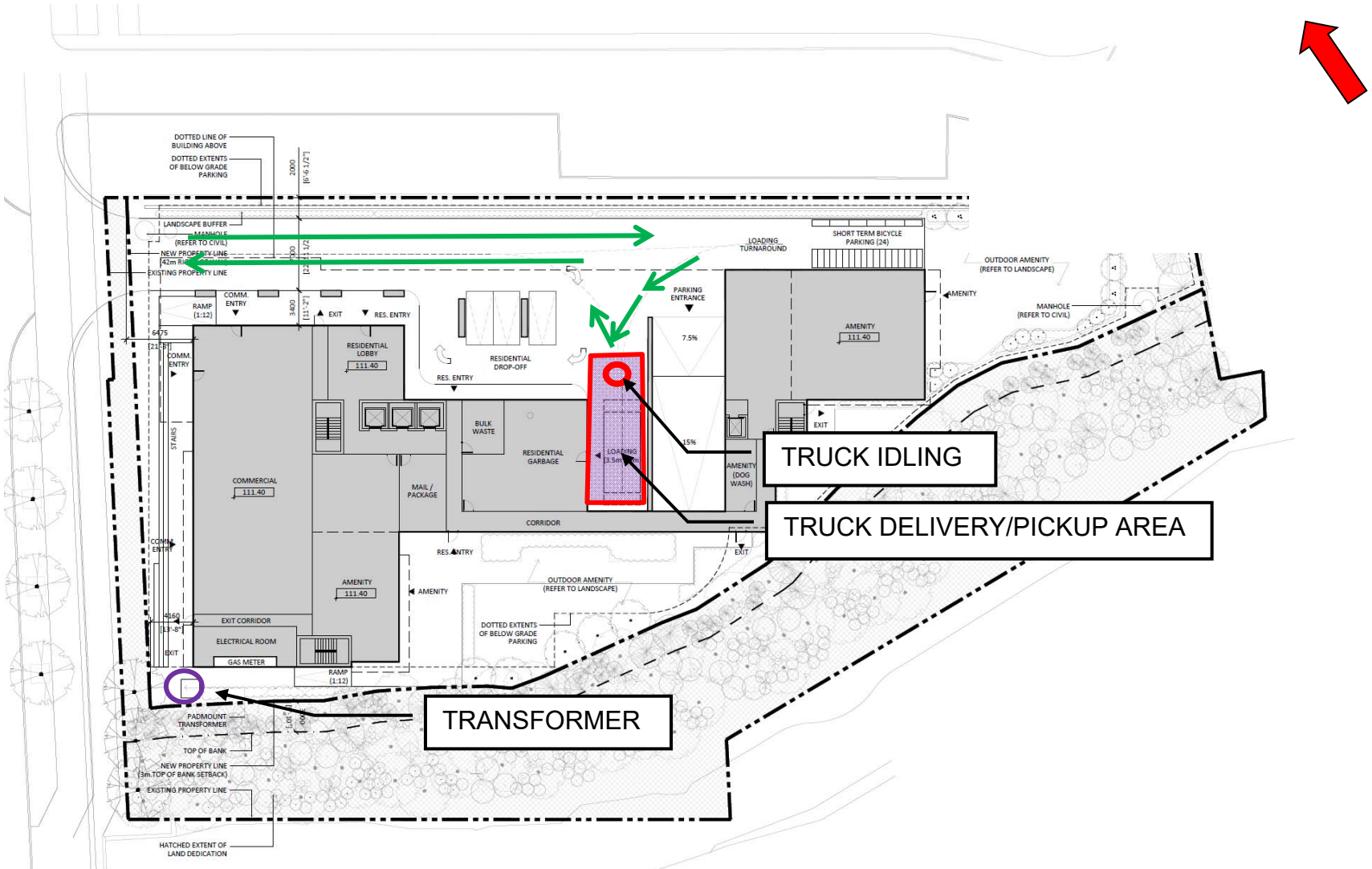


FIGURE 6
STATIONARY NOISE SOURCES INTERNAL TO THE PROPOSED DEVELOPMENT

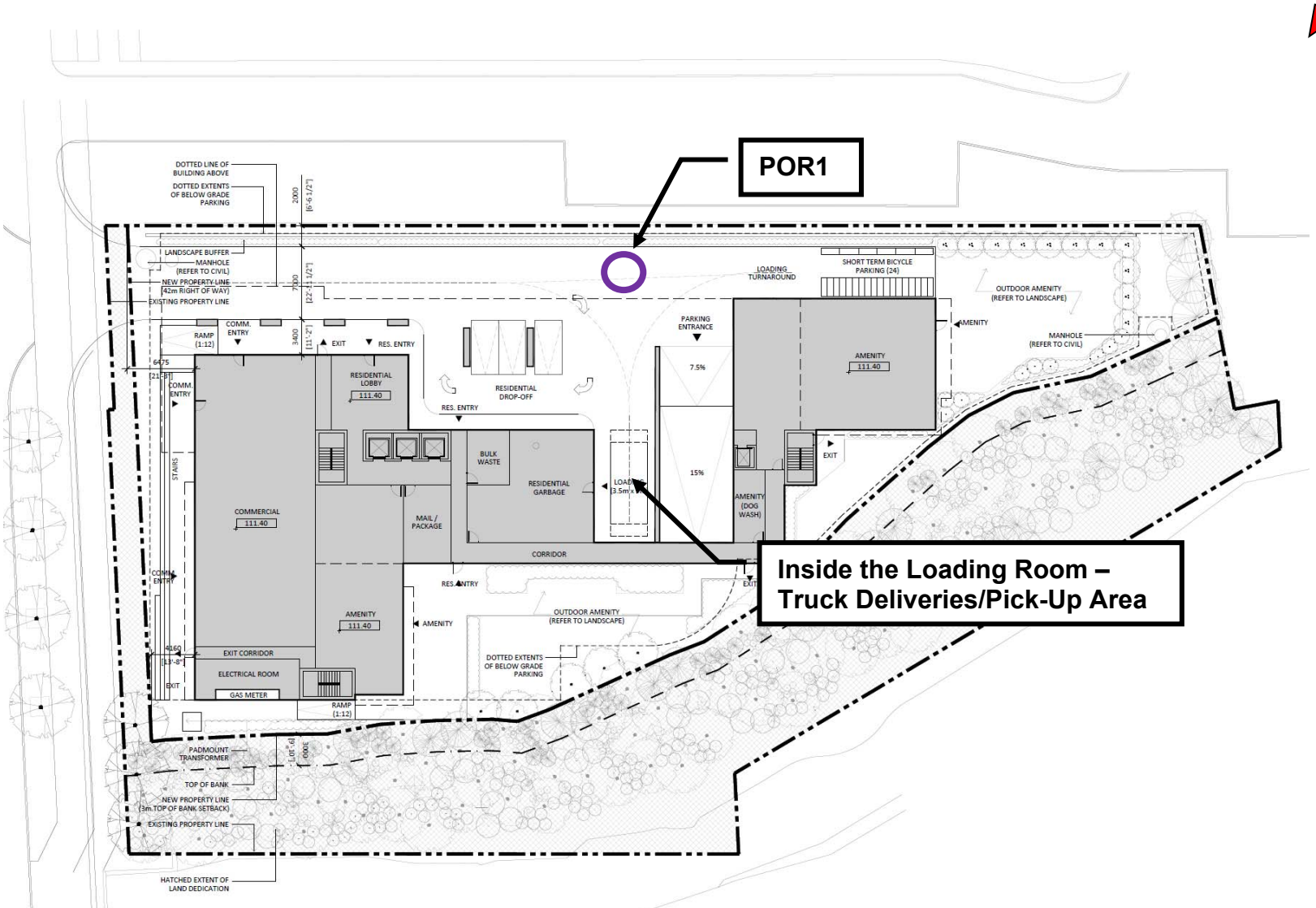


FIGURE 7
POINT OF RECEPTION -TRUCK DELIVERY/PICKUP AREA

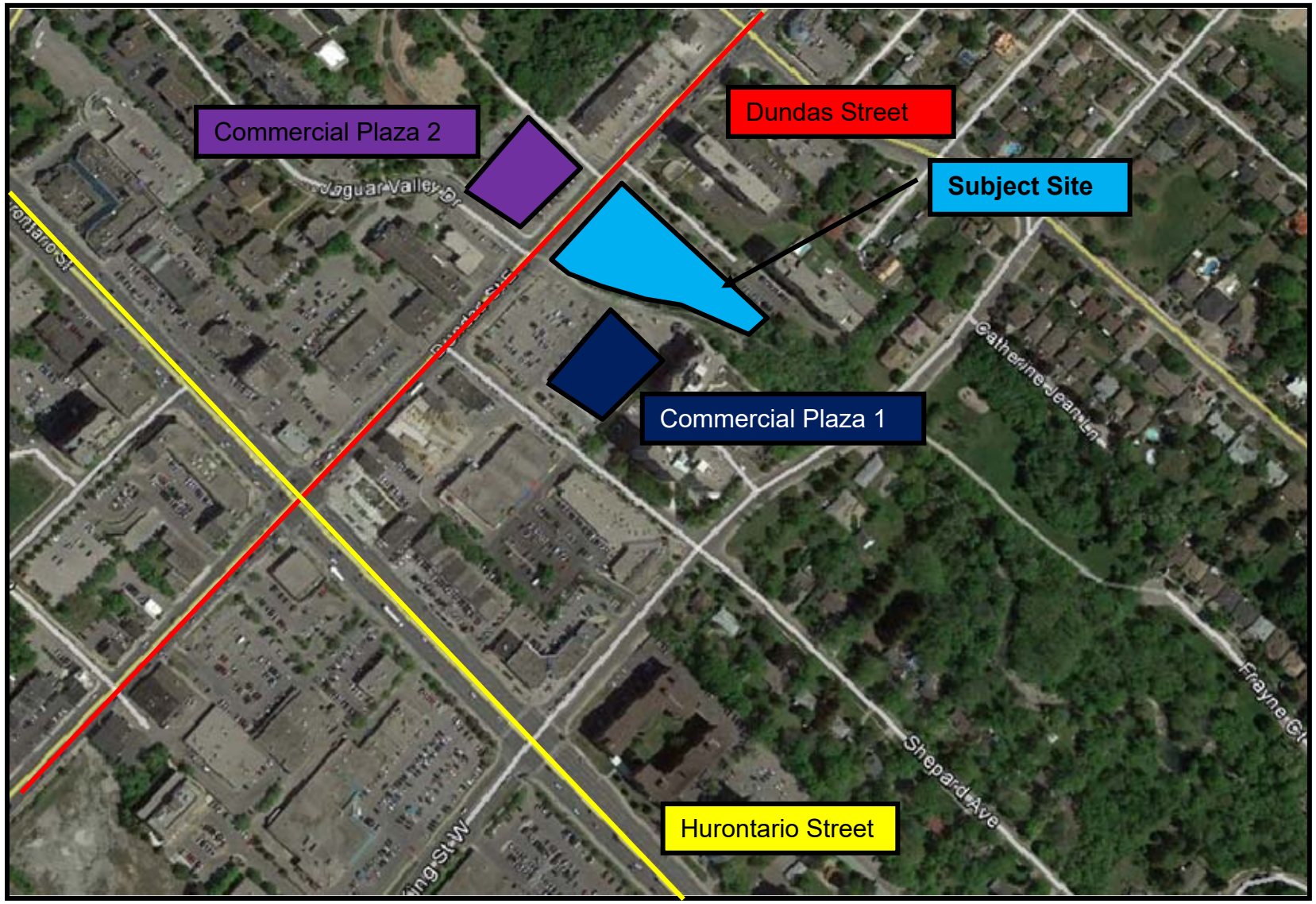


FIGURE 8
MAJOR SOURCES OF AMBIENT NOISE

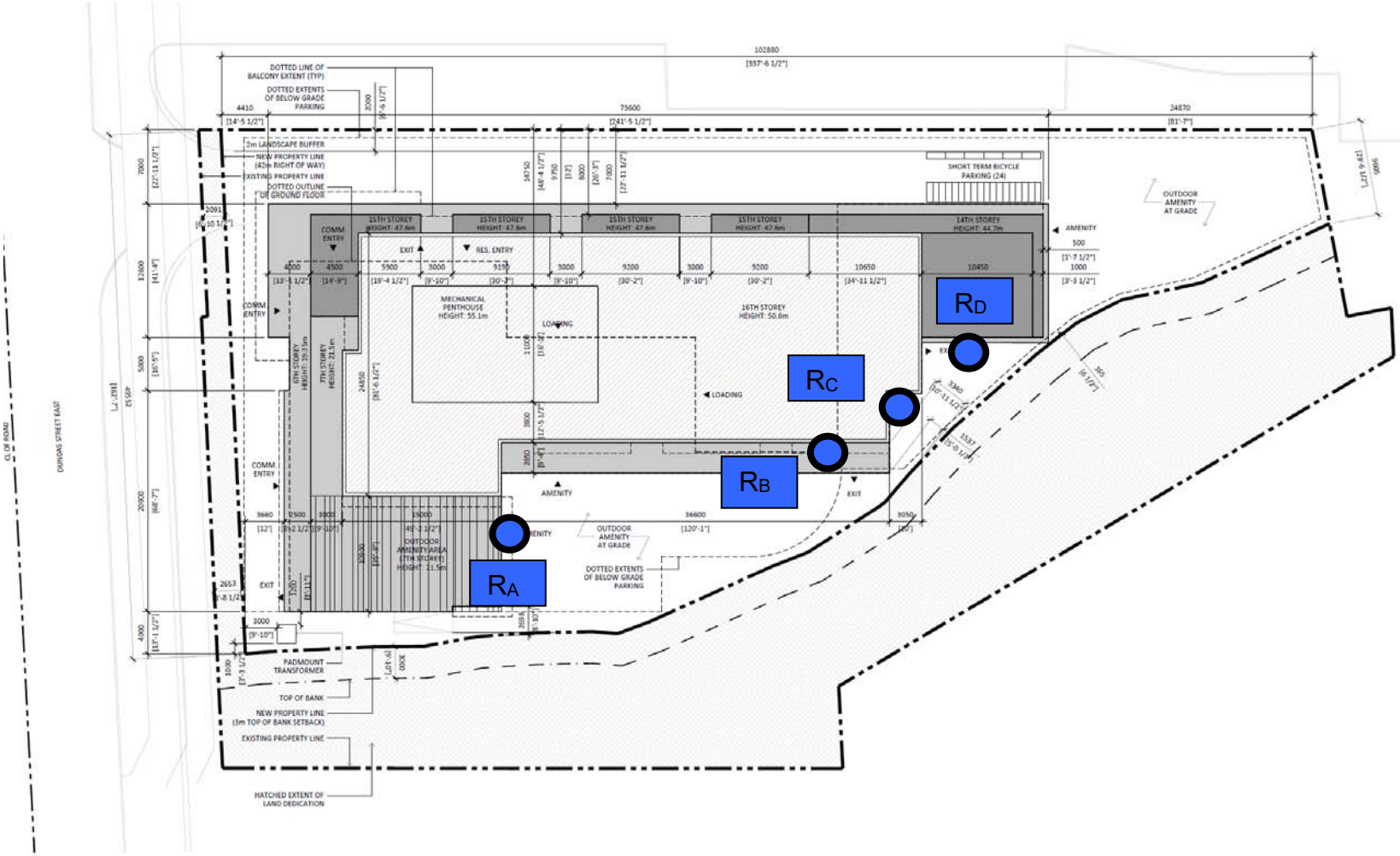


FIGURE 9
EXTERNAL STATIONARY NOISE RECEPTORS

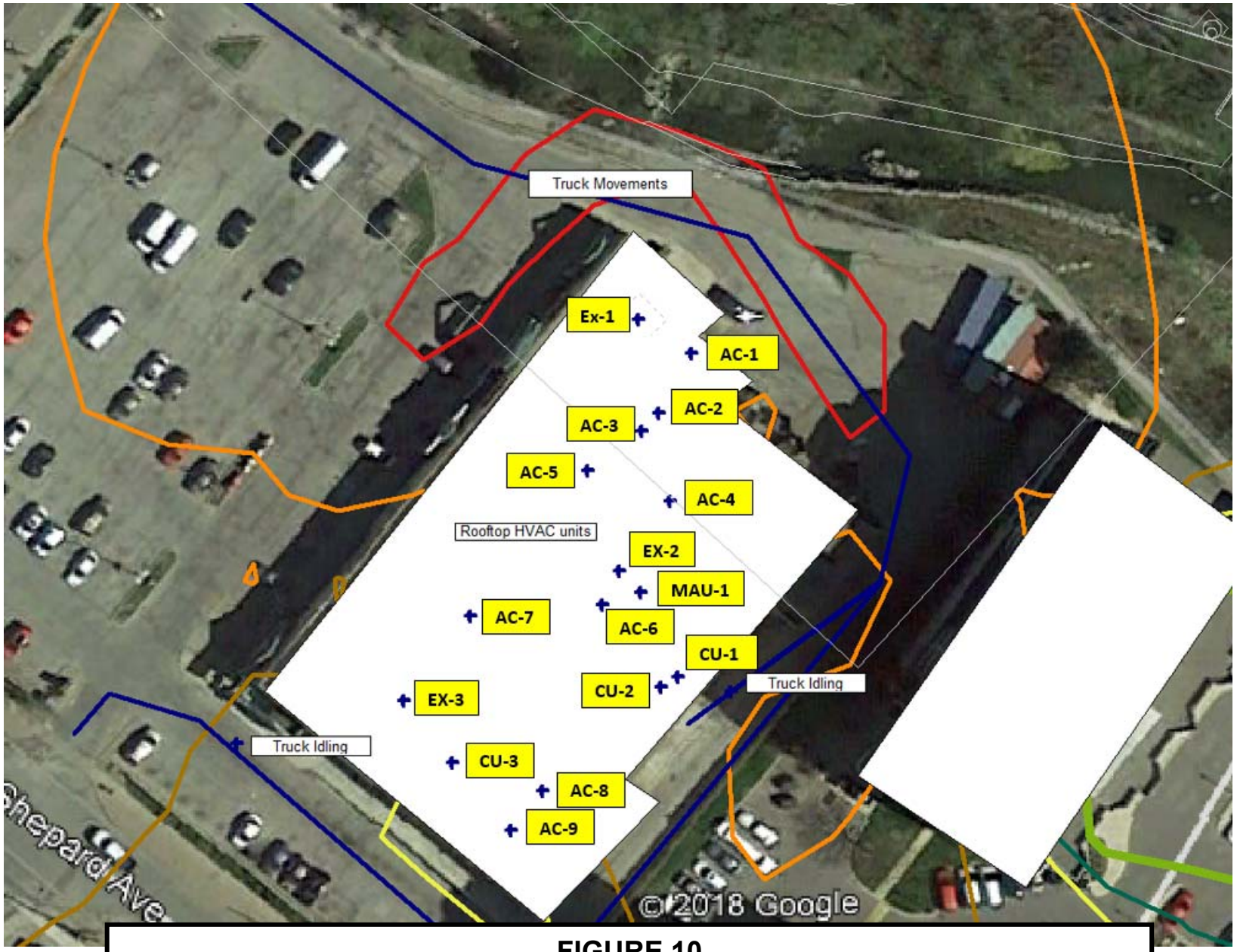


FIGURE 10
STATIONARY SOURCES OF NOISE EXTERNAL TO THE PROPOSED DEVELOPMENT – COMMERCIAL PLAZA HVAC EQUIPMENT

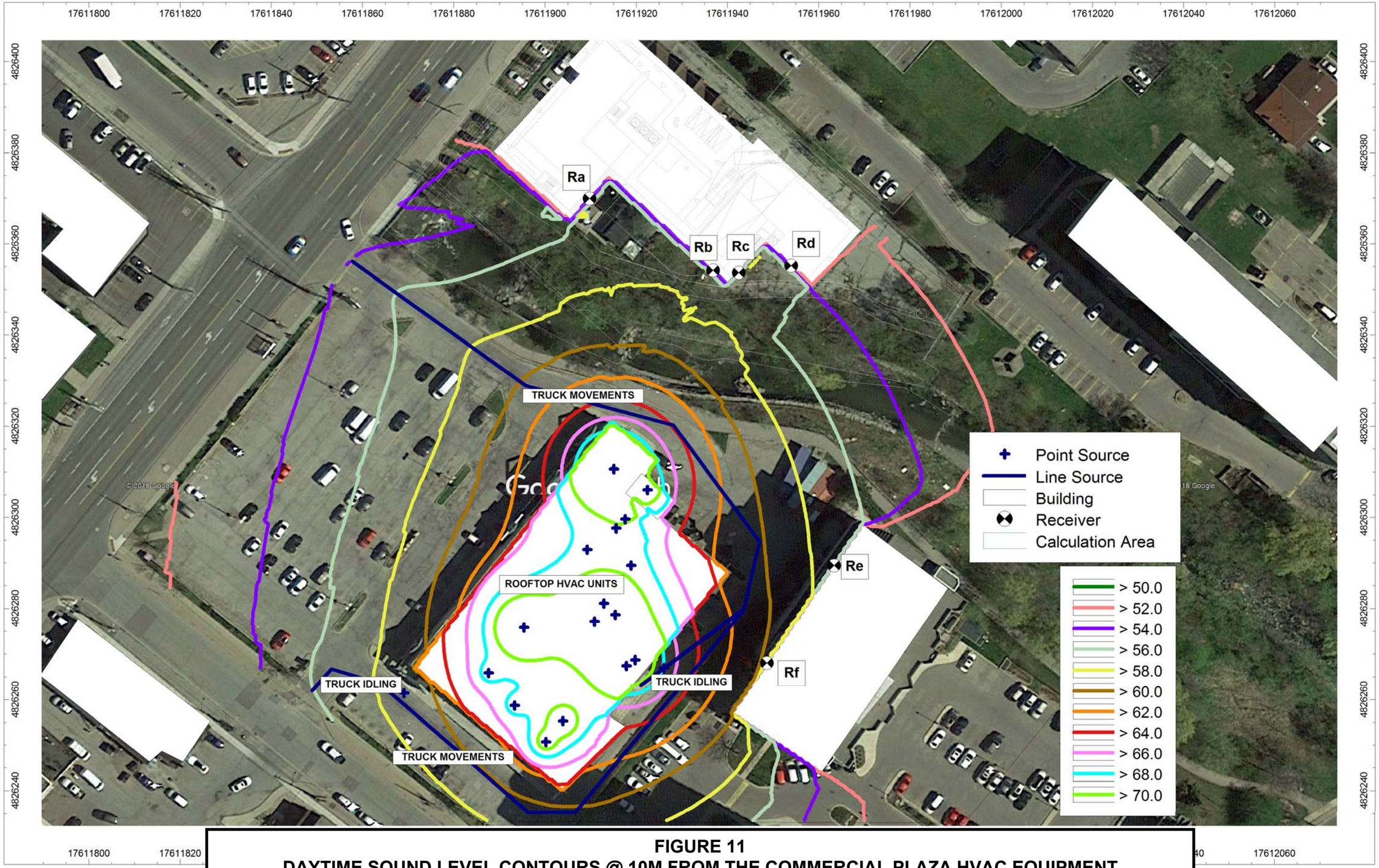


FIGURE 11
DAYTIME SOUND LEVEL CONTOURS @ 10M FROM THE COMMERCIAL PLAZA HVAC EQUIPMENT

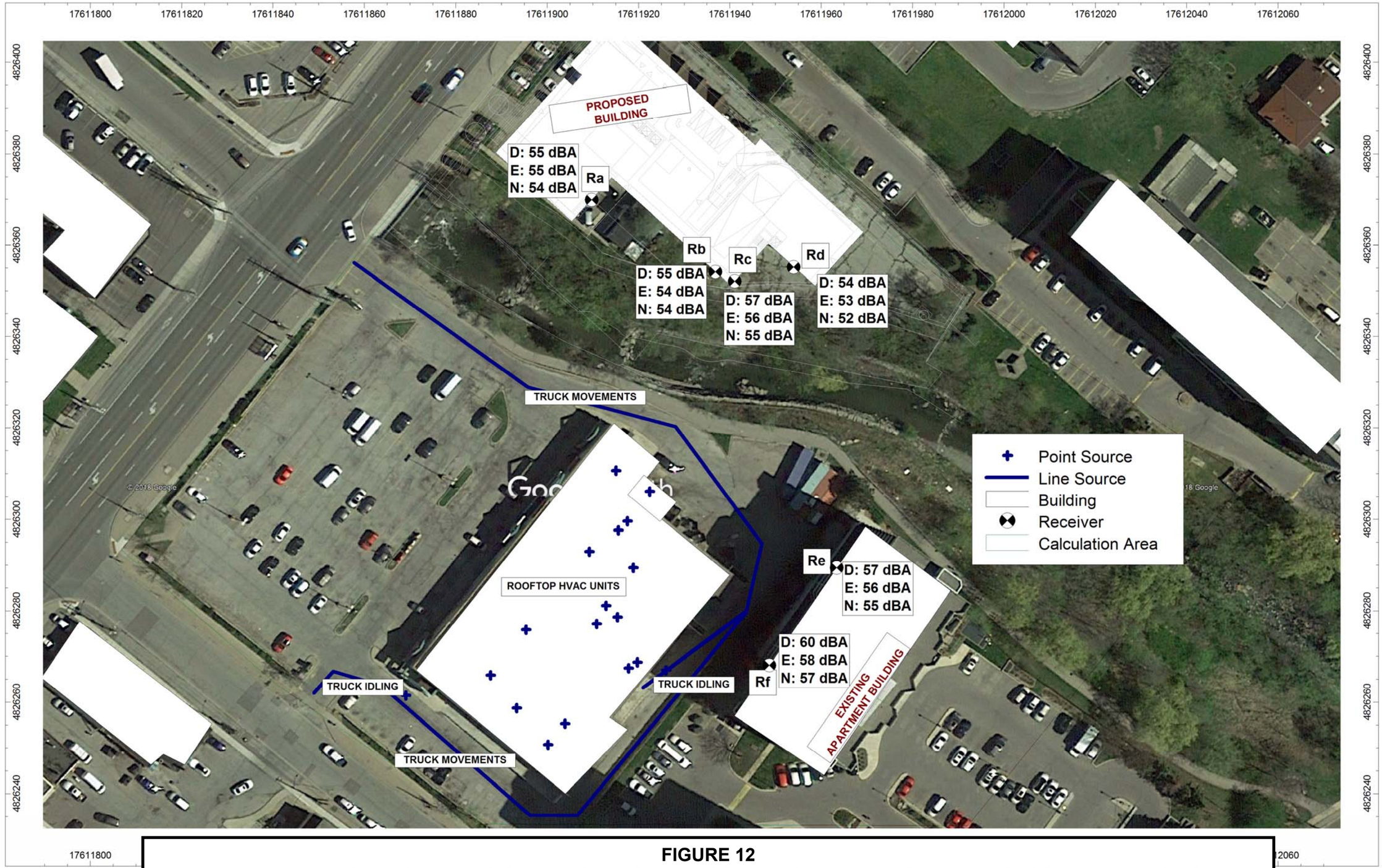


FIGURE 12
DAYTIME EXTERNAL STATIONARY NOISE IMPACT FROM THE COMMERCIAL PLAZA ON THE PROPOSED BUILDING AS WELL AS THE EXISTING BUILDING

APPENDIX A

ROAD TRAFFIC DATA

Date:	14-Apr-16

NOISE REPORT FOR PROPOSED DEVELOPMENT

CITY OF MISSISSAUGA

REQUESTED BY:	
Name:	Cheryl McMurter
Company	SS Wilson Associates
Fax#:	(905) 707-5800
PREPARED BY:	
Name:	Michael Long x 3016
Tel#:	(905) 615-3200

Location:	Hurontario Street, N of Dundas to Hillcrest Hurontario Street, S of Dundas to King Dundas Street E, E of Hurontario Street
Look Up ID#:	353

ON SITE TRAFFIC DATA

Specific	**Street Names**				
	Hurontario, N of Dundas	Hurontario, S of Dundas	Dundas, E of Hurontario		
AADT:	65,000	65,000	50,000		
# of Lanes:	6 lanes	6 lanes	7 lanes		
% Trucks:	10%	10%	7%		
Medium/Heavy Trucks Ratio:	55/45	55/45	55/45		
Day/Night Traffic Split:	90/10	90/10	90/10		
Posted Speed Limit:	50kph	50kph	50kph		
Gradient of Road:	<2%	<2%	<2%		
Ultimate R O W:	35m	35m	35m		

Comments:	Ultimate Traffic Data Only
	--Please consider that the proposed LRT project wil convert Hurontario from 6 lanes to 4 lanes with
	2 LRT lines in the middle.

APPENDIX B

SAMPLE SOUND LEVEL CALCULATIONS

SS WILSON ASSOCIATES - TRAFFIC NOISE PREDICTION MODEL

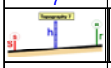
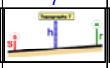
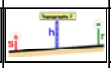
Consulting Engineers, Richmond Hill, Ontario August 28, 2014

7th Floor - Amenity COLA

Source(s) of Road Traffic Noise: **Dundas st.**

Receptor Name: **7th Floor - COLA**

SSWA Project Number WA13-050

Record Number	*1*	*2*	*3*	*4*
Include the following Segments in the calculations? (0 or 1)	1 Yes	1 Yes	0 No	0 No
Road Name & Direction	Dundas	Dundas	Dundas	Dundas
Segment Detail	Eastbound	Westbound	Eastbound	Westbound
Section/Segment Number	S1	S2	S2	S2
MOE Topographic Case (1-11)-See Instructions	7  S and R on flat ground but with constant ground slope + Barrier	7  S and R on flat ground but with constant ground slope + Barrier		
Traffic Data Input Method	24 hour Data	24 hour Data	24 hour Data	24 hour Data
Alpha (α) Input; Manual or Auto?	Automatic	Automatic		
Notes on your choice of α	As per MOE Procedures	As per MOE Procedures		
Manual Alpha				
Intermediate Surface; Absorptive or Reflective	Reflective	Reflective		
Pavement Type	Asphalt-Concret	Asphalt-Concret	Asphalt-Concret	Asphalt-Concret
Include Effect of Dense Woods?	No	No		
Measured Angle Case Number	3	3	3	3
Angle description	+01 & +02 Both on the Right	+01 & +02 Both on the Right	+01 & +02 Both on the Right	+01 & +02 Both on the Right
Angle Theta 1	-90	-90	60	60
Angle Theta 2	90	90	90	90
Angle Theta Error Detection Flag				
Subtended Angle (Angle of Exposure), °	180	180	30	30
% increase / year	0.00%	0.00%	0.00%	0.00%
Number of years	0	0	0	0
24 Hour Traffic Data	25000	25000	25000	25000
Medium Truck %	3.90%	3.90%	3.90%	3.90%
Heavy Truck %	3.15%	3.15%	3.15%	3.15%
Daytime Traffic Split	90.00%	90.00%	90.00%	90.00%
Daytime Hours	16	16	16	16
Posted Speed (Km/Hr) [S]	50	50	50	50
Road Gradient (%) [Gradient]	2.00%	2.00%	2.00%	2.00%
Wood Depth (m)	0	0	0	0
Number of Rows of Houses	0	0	0	0
Night time Number of Rows of Houses	0	0	0	0
Percentage of Row Occupied by Houses	20%	20%	20%	20%
Height of Row of House [HH]	0	0	0	0
Receiver Height (m) [RH]	22.5	22.5	22.5	22.5
Night time Reciever Height (m) [NRH]	22.5	22.5	22.5	22.5
Source-Receiver Distance [SRD]	23	38	80	95
Night time Source-Receiver Distance [NSRD]	23	38	80	95
Barrier Height (m) [BH]	0	0	0	0
Barrier-Receiver Distance (m)	7	7	10	10
Ground Elevation Difference (m) [e]	0	0	0	0
Source Ground Elevation (m)	110.54	110.54	110.54	110.54
Receiver Ground Elevation (m)	110.25	110.25	110.25	110.25
Barrier Ground Elevation (m)	131.25	131.25	128.25	128.25
Source Height Input [Manual or Auto]	Automatic	Automatic	Automatic	Automatic
Manual Source Height (m) [MSH]			1.00	1.00
Dominant Octave Frequency Band (Hz) [F]	500	500		
Additionl dBA Correction Factor 1- Specify	0	0		
Additionl dBA Correction Factor 2- Specify	0	0		
RESULTS FOR SEGMENTS				
24 Hour Daily Segment Leq	66.40	64.22	-50.00	-50.00
Day Time [16 hours] Segment Leq	67.71	65.53	-50.00	-50.00
Night Time [8 hours] Segment Leq	61.17	58.99	-50.00	-50.00

FINAL/OVERALL	24 Hour Daily Leq	Day Time Leq	Night Time Leq
	68	70	63

SS WILSON ASSOCIATES - TRAFFIC NOISE PREDICTION MODEL

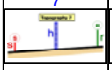
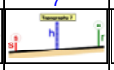
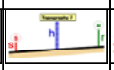
Consulting Engineers, Richmond Hill, Ontario August 28, 2014

7th Floor - Amenity COLA - barrier

Source(s) of Road Traffic Noise: Dundas st.

Receptor Name: 7th Floor - COLA

SSWA Project Number WA13-050

Record Number	*1*	*2*	*3*	*4*
Include the following Segments in the calculations? (0 or 1)	1 Yes	1 Yes	0 No	0 No
Road Name & Direction	Dundas	Dundas	Dundas	Dundas
Segment Detail	Eastbound	Westbound	Eastbound	Westbound
Section/Segment Number	S1	S2	S2	S2
MOE Topographic Case (1-11)-See Instructions	7  S and R on flat ground but with constant ground slope + Barrier	7  S and R on flat ground but with constant ground slope + Barrier		
Traffic Data Input Method	24 hour Data	24 hour Data	24 hour Data	24 hour Data
Alpha (α) Input; Manual or Auto?	Automatic	Automatic		
Notes on your choice of α	As per MOE Procedures	As per MOE Procedures		
Manual Alpha				
Intermediate Surface; Absorptive or Reflective	Reflective	Reflective		
Pavement Type	Asphalt-Concret	Asphalt-Concret	Asphalt-Concret	Asphalt-Concret
Include Effect of Dense Woods?	No	No		
Measured Angle Case Number	3	3	3	3
Angle description	+01 & +02 Both on the Right	+01 & +02 Both on the Right	+01 & +02 Both on the Right	+01 & +02 Both on the Right
Angle Theta 1	-90	-90	60	60
Angle Theta 2	90	90	90	90
Angle Theta Error Detection Flag				
Subtended Angle (Angle of Exposure), °	180	180	30	30
% increase / year	0.00%	0.00%	0.00%	0.00%
Number of years	0	0	0	0
24 Hour Traffic Data	25000	25000	25000	25000
Medium Truck %	3.90%	3.90%	3.90%	3.90%
Heavy Truck %	3.15%	3.15%	3.15%	3.15%
Daytime Traffic Split	90.00%	90.00%	90.00%	90.00%
Daytime Hours	16	16	16	16
Posted Speed (Km/Hr) [S]	50	50	50	50
Road Gradient (%) [Gradient]	2.00%	2.00%	2.00%	2.00%
Wood Depth (m)	0	0	0	0
Number of Rows of Houses	0	0	0	0
Night time Number of Rows of Houses	0	0	0	0
Percentage of Row Occupied by Houses	20%	20%	20%	20%
Height of Row of House [HH]	0	0	0	0
Receiver Height (m) [RH]	22.5	22.5	22.5	22.5
Night time Reciever Height (m) [NRH]	22.5	22.5	22.5	22.5
Source-Receiver Distance [SRD]	23	38	80	95
Night time Source-Receiver Distance [NSRD]	23	38	80	95
Barrier Height (m) [BH]	1.2	1.2	1.2	1.2
Barrier-Receiver Distance (m)	7	7	10	10
Ground Elevation Difference (m) [e]	0	0	0	0
Source Ground Elevation (m)	110.54	110.54	110.54	110.54
Receiver Ground Elevation (m)	110.25	110.25	110.25	110.25
Barrier Ground Elevation (m)	131.25	131.25	128.25	128.25
Source Height Input [Manual or Auto]	Automatic	Automatic	Automatic	Automatic
Manual Source Height (m) [MSH]			1.00	1.00
Dominant Octave Frequency Band (Hz) [F]	500	500		
Additionl dBA Correction Factor 1- Specify	0	0		
Additionl dBA Correction Factor 2- Specify	0	0		
RESULTS FOR SEGMENTS				
24 Hour Daily Segment Leq	50.57	51.14	-50.00	-50.00
Day Time [16 hours] Segment Leq	51.87	52.45	-50.00	-50.00
Night Time [8 hours] Segment Leq	45.34	45.92	-50.00	-50.00

FINAL/OVERALL	24 Hour Daily Leq	Day Time Leq	Night Time Leq
	54	55	49

SS WILSON ASSOCIATES - TRAFFIC NOISE PREDICTION MODEL

Consulting Engineers, Richmond Hill, Ontario August 28, 2014

Apartment Building Façade

Source(s) of Road Traffic Noise: **Dundas st.**

Receptor Name: **Building Façade**

SSWA Project Number WA13-050

Record Number	*1*	*2*	*3*	*4*
Include the following Segments in the calculations? (0 or 1)	0 No	0 No	1 Yes	1 Yes
Road Name & Direction	Hurontario	Hurontario	Dundas	Dundas
Segment Detail	Northbound	Southbound	Eastbound	Westbound
Section/Segment Number	S1	S2	S2	S2
MOE Topographic Case (1-11)-See Instructions			2	2
			S and R on flat ground but with constant ground slope	S and R on flat ground but with constant ground slope
Traffic Data Input Method	24 hour Data	24 hour Data	24 hour Data	24 hour Data
Alpha (α) Input; Manual or Auto?			Automatic	Automatic
Notes on your choice of α			As per MOE Procedures	As per MOE Procedures
Manual Alpha				
Intermediate Surface; Absorptive or Reflective			Reflective	Reflective
Pavement Type	Asphalt-Concret	Asphalt-Concret	Asphalt-Concret	Asphalt-Concret
Include Effect of Dense Woods?			No	No
Measured Angle Case Number	3	3	3	3
Angle description	+01 & +02 Both on the Right	+01 & +02 Both on the Right	+01 & +02 Both on the Right	+01 & +02 Both on the Right
Angle Theta 1	0	0	-90	-90
Angle Theta 2	0	0	90	90
Angle Theta Error Detection Flag	Angle Error			
Subtended Angle (Angle of Exposure), °	0	0	180	180
% increase / year	0.00%	0.00%	0.00%	0.00%
Number of years	10	10	10	10
24 Hour Traffic Data	65000	65000	25000	25000
Medium Truck %	5.50%	5.50%	3.90%	3.90%
Heavy Truck %	4.50%	4.50%	3.10%	3.10%
Daytime Traffic Split	90.00%	90.00%	90.00%	90.00%
Daytime Hours	16	16	16	16
Posted Speed (Km/Hr) [S]	50	50	50	50
Road Gradient (%) [Gradient]	2.00%	2.00%	2.00%	2.00%
Wood Depth (m)	0	0	0	0
Number of Rows of Houses	0	0	0	0
Night time Number of Rows of Houses	0	0	0	0
Percentage of Row Occupied by Houses	80%	80%	80%	80%
Height of Row of House [HH]	7	7	7	7
Receiver Height (m) [RH]	1.5	1.5	43	43
Night time Reciever Height (m) [NRH]	1.5	1.5	43	43
Source-Receiver Distance [SRD]	30	30	15	30
Night time Source-Receiver Distance [NSRD]	30	30	15	30
Barrier Height (m) [BH]	0	0	0	0
Barrier-Receiver Distance (m)	12	12	6	6
Ground Elevation Difference (m) [e]	0	0	0	0
Source Ground Elevation (m)	110.54	110.54	110.54	110.54
Receiver Ground Elevation (m)	130.1	130.1	110.85	110.85
Barrier Ground Elevation (m)	130.1	130.1	110.85	110.85
Source Height Input [Manual or Auto]	Automatic	Automatic	Automatic	Automatic
Manual Source Height (m) [MSH]	0.00	1.00		
Dominant Octave Frequency Band (Hz) [F]			500	500
Additionl dBA Correction Factor 1- Specify			0	0
Additionl dBA Correction Factor 2- Specify			0	0
RESULTS FOR SEGMENTS				
24 Hour Daily Segment Leq	-50.00	-50.00	**68.22**	**65.21**
Day Time [16 hours] Segment Leq	-50.00	-50.00	**69.52**	**66.51**
Night Time [8 hours] Segment Leq	-50.00	-50.00	**62.99**	**59.98**

FINAL/OVERALL	24 Hour Daily Leq	Day Time Leq	Night Time Leq
	70	**71**	**65**

APPENDIX C
SAMPLE HOURLY AMBIENT CALCULATIONS

SS WILSON ASSOCIATES - TRAFFIC NOISE PREDICTION MODEL

Consulting Engineers, Richmond Hill, Ontario August 28, 2014

Apartment Building Façade - Ambient Calculation

Source(s) of Road Traffic Noise: **Dundas st. and Hurontario st.**

Receptor Name: **Building Façade POR 1**

SSWA Project Number WA13-050

Record Number	*1*	*2*	*3*	*4*
Include the following Segments in the calculations? (0 or 1)	0 No	0 No	1 Yes	1 Yes
Road Name & Direction	Hurontario	Hurontario	Dundas	Dundas
Segment Detail	Northbound	Southbound	Eastbound	Westbound
Section/Segment Number	S1	S2	S2	S2
MOE Topographic Case (1-11)-See Instructions			2	2
			S and R on flat ground but with constant ground slope	S and R on flat ground but with constant ground slope
Traffic Data Input Method	24 hour Data	24 hour Data	24 hour Data	24 hour Data
Alpha (α) Input; Manual or Auto?			Automatic	Automatic
Notes on your choice of α			As per MOE Procedures	As per MOE Procedures
Manual Alpha				
Intermediate Surface; Absorptive or Reflective			Reflective	Reflective
Pavement Type	Asphalt-Concret	Asphalt-Concret	Asphalt-Concret	Asphalt-Concret
Include Effect of Dense Woods?			No	No
Measured Angle Case Number	3	3	3	3
Angle description	+01 & +02 Both on the Right	+01 & +02 Both on the Right	+01 & +02 Both on the Right	+01 & +02 Both on the Right
Angle Theta 1	0	0	-90	-90
Angle Theta 2	0	0	0	0
Angle Theta Error Detection Flag	Angle Error			
Subtended Angle (Angle of Exposure), °	0	0	90	90
% increase / year	0.00%	0.00%	0.00%	0.00%
Number of years	10	10	10	10
24 Hour Traffic Data	65000	65000	25000	25000
Medium Truck %	5.50%	5.50%	3.90%	3.90%
Heavy Truck %	4.50%	4.50%	3.10%	3.10%
Daytime Traffic Split	90.00%	90.00%	90.00%	90.00%
Daytime Hours	16	16	16	16
Posted Speed (Km/Hr) [S]	50	50	50	50
Road Gradient (%) [Gradient]	2.00%	2.00%	2.00%	2.00%
Wood Depth (m)	0	0	0	0
Number of Rows of Houses	0	0	0	0
Night time Number of Rows of Houses	0	0	0	0
Percentage of Row Occupied by Houses	80%	80%	80%	80%
Height of Row of House [HH]	7	7	7	7
Receiver Height (m) [RH]	1.5	1.5	43	43
Night time Reciever Height (m) [NRH]	1.5	1.5	43	43
Source-Receiver Distance [SRD]	30	30	73	85
Night time Source-Receiver Distance [NSRD]	30	30	73	85
Barrier Height (m) [BH]	0	0	0	0
Barrier-Receiver Distance (m)	12	12	6	6
Ground Elevation Difference (m) [e]	0	0	0	0
Source Ground Elevation (m)	110.54	110.54	110.54	110.54
Receiver Ground Elevation (m)	130.1	130.1	110.85	110.85
Barrier Ground Elevation (m)	130.1	130.1	110.85	110.85
Source Height Input [Manual or Auto]	Automatic	Automatic	Automatic	Automatic
Manual Source Height (m) [MSH]	0.00	1.00		
Dominant Octave Frequency Band (Hz) [F]			500	500
Additionl dBA Correction Factor 1- Specify			0	0
Additionl dBA Correction Factor 2- Specify			0	0
RESULTS FOR SEGMENTS				
24 Hour Daily Segment Leq	-50.00	-50.00	58.33	57.67
Day Time [16 hours] Segment Leq	-50.00	-50.00	59.64	58.98
Night Time [8 hours] Segment Leq	-50.00	-50.00	53.11	52.44

FINAL/OVERALL	24 Hour Daily Leq	Day Time Leq	Night Time Leq
	61	62	56

ANALYSIS OF WEEKLY HOURLY TRAFFIC COUNTS BASED ON AADT AND CORRESPONDING HOURLY TRAFFIC SOUND LEVELS

SS WILSON ASSOCIATES
Consulting Engineers
Richmond Hill, Ontario
(905)707-5800
info@sswilsonassociates.com

POR 1 - Ambient Analysis
Our File Number: WA13-050

Annual average daily traffic, **AADT**, is the total volume of vehicle traffic for a year divided by 365 days.

DAILY TRAFFIC DATA/COUNTS

Hour End	MONDAY EB+WB & Date ?	MONDAY % of 24 hr	TUESDAY EB+WB & Date ?	TUESDAY % of 24 hr	WEDNESDAY EB+WB & Date ?	WEDNESDAY % of 24 hr	THURSDAY EB+WB & Date ?	THURSDAY % of 24 hr	FRIDAY EB+WB & Date ?	FRIDAY % of 24 hr	SATURDAY EB+WB & Date ?	SATURDAY % of 24 hr	SUNDAY EB+WB & Date ?	SUNDAY % of 24 hr	Average of all Days	Total of all Days	Average %age	dB Correction to Leq24 hr	HOURLY Leq	
																	Predicted Leq for AADT (365 days)		61	dBA
1		0.0	257	0.6		0.0		0.0		0.0		0.0		0.0	257	257	0.6	-8.2	53	NIGHT
2		0.0	140	0.3		0.0		0.0		0.0		0.0		0.0	140	140	0.3	-10.8	50	
3		0.0	104	0.3		0.0		0.0		0.0		0.0		0.0	104	104	0.3	-12.1	49	
4		0.0	82	0.2		0.0		0.0		0.0		0.0		0.0	82	82	0.2	-13.2	48	
5		0.0	103	0.3		0.0		0.0		0.0		0.0		0.0	103	103	0.3	-12.2	49	
6		0.0	366	0.9		0.0		0.0		0.0		0.0		0.0	366	366	0.9	-6.7	54	
7		0.0	1,160	2.8		0.0		0.0		0.0		0.0		0.0	1,160	1,160	2.8	-1.7	59	
8		0.0	2,790	6.8		0.0		0.0		0.0		0.0		0.0	2,790	2,790	6.8	2.1	63	DAY
9		0.0	3,378	8.3		0.0		0.0		0.0		0.0		0.0	3,378	3,378	8.3	3.0	64	
10		0.0	2,442	6.0		0.0		0.0		0.0		0.0		0.0	2,442	2,442	6.0	1.6	63	
11		0.0	1,967	4.8		0.0		0.0		0.0		0.0		0.0	1,967	1,967	4.8	0.6	62	
12		0.0	1,943	4.8		0.0		0.0		0.0		0.0		0.0	1,943	1,943	4.8	0.6	62	
13		0.0	2,239	5.5		0.0		0.0		0.0		0.0		0.0	2,239	2,239	5.5	1.2	62	
14		0.0	2,190	5.4		0.0		0.0		0.0		0.0		0.0	2,190	2,190	5.4	1.1	62	
15		0.0	2,326	5.7		0.0		0.0		0.0		0.0		0.0	2,326	2,326	5.7	1.4	62	
16		0.0	2,734	6.7		0.0		0.0		0.0		0.0		0.0	2,734	2,734	6.7	2.1	63	
17		0.0	3,272	8.0		0.0		0.0		0.0		0.0		0.0	3,272	3,272	8.0	2.8	64	
18		0.0	3,391	8.3		0.0		0.0		0.0		0.0		0.0	3,391	3,391	8.3	3.0	64	
19		0.0	3,068	7.5		0.0		0.0		0.0		0.0		0.0	3,068	3,068	7.5	2.6	64	
20		0.0	2,195	5.4		0.0		0.0		0.0		0.0		0.0	2,195	2,195	5.4	1.1	62	EVENING
21		0.0	1,833	4.5		0.0		0.0		0.0		0.0		0.0	1,833	1,833	4.5	0.3	61	
22		0.0	1,478	3.6		0.0		0.0		0.0		0.0		0.0	1,478	1,478	3.6	-0.6	60	
23		0.0	904	2.2		0.0		0.0		0.0		0.0		0.0	904	904	2.2	-2.7	58	
24		0.0	496	1.2		0.0		0.0		0.0		0.0		0.0	496	496	1.2	-5.4	56	NIGHT
	0	0	40,858	100	0	0	0	0	0	0	0	0	0	0	40,858 Theoretical AADT	40,858	100	-50		

RESULTS SUMMARY:

Daily Leq Averages	
Leq 24 Hr	61
Leq Day	63
Leq Eve	61
Leq Night	54

Minimum Hourly Leq	
Lmin Day	62
Lmin Even	58
Lmin Night	48

NOTES: .....

APPENDIX D
SAMPLE OF MEASURED SOUND LEVELS

N5 Third Octave Bands Sound Levels & NC , August 200 Proceed

17/06/2016 11:41

SS WILSON ASSOCIATES

***Consulting Engineers*, Richmond Hill, Ontario**

MEASURED/PREDICTED 1/3 OCTAVE BANDS SOUND LEVELS

File No. : WA13-050

Project : #86-90 Dundas St W, Condo Tower,

Source Name: Refregerated Truck

Source Tag/ID: .....

Source Location: KFC

Source Type: Truck

Other Description: .....

Measurement Date: May 18 2016

SLM Mem.Code: M1

Tonality,..etc .....

Other Data: H= 3m

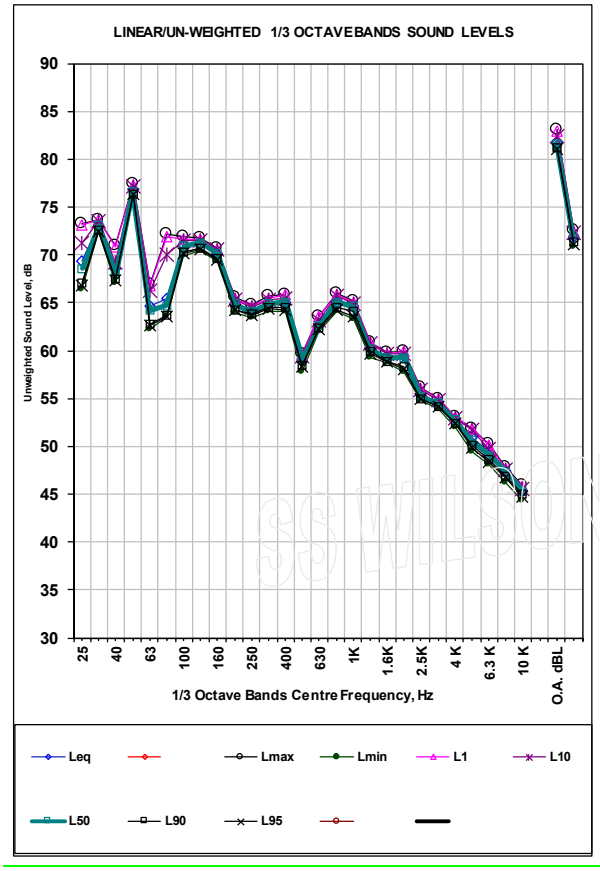
Distance = 6m away From the Side as shown in the Picture Above

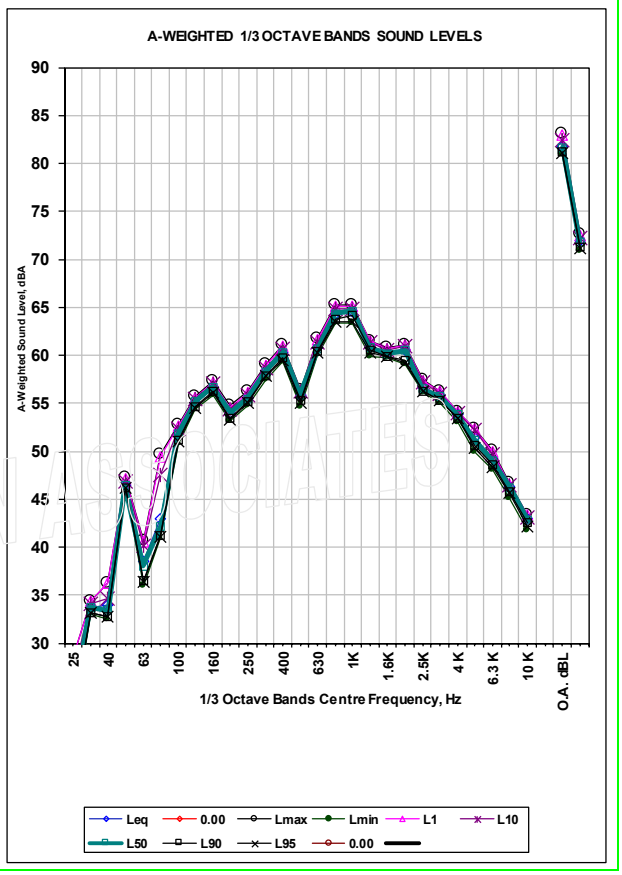
.....

.....

.....

1/3 OCTAVE BANDS





N5 Third Octave Bands Sound Levels & NC , August 2007 Proceed

17/06/2016 11:41

SS WILSON ASSOCIATES

Consulting Engineers **, Richmond Hill, Ontario**

MEASURED/PREDICTED 1/3 OCTAVE BANDS SOUND LEVELS

File No. : WA13-050
Project : #86-90 Dundas St W, Condo Tower,

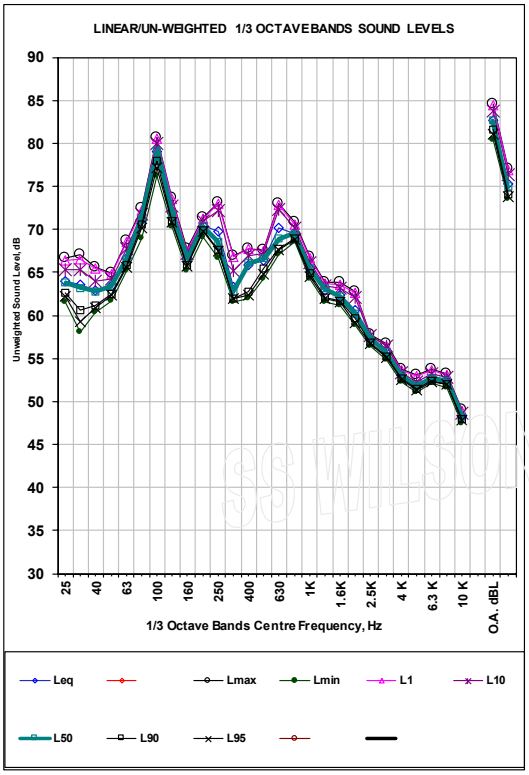
Source Name: Exhaust Fan
Source Tag/ID: EX-1
Source Location: Rooftop
Source Type:
Other Description: Only 1 Fan Works

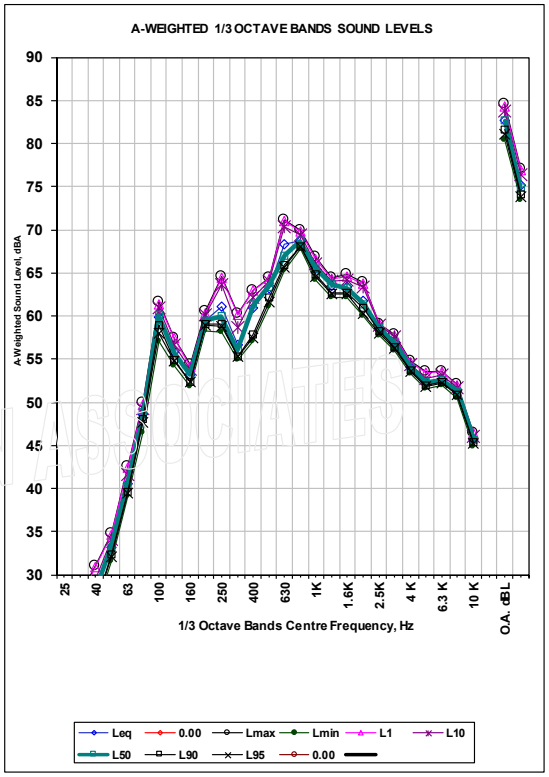
Measurement Date: May 18 2016
SLM Mem.Code: M2

Tonality,..etc .....

Other Data: H= 1.5m
Distance = 5m away
Leq= 75dBA
Height of the Roof = 7m
.....

1/3 OCTAVE BANDS





N5 Third Octave Bands Sound Levels & NC , August 2007 Proceed

17/06/2016 11:41

SS WILSON ASSOCIATES

Consulting Engineers **, Richmond Hill, Ontario**

MEASURED/PREDICTED 1/3 OCTAVE BANDS SOUND LEVELS

File No. : WA13-050
Project : #86-90 Dundas St W, Condo Tower,

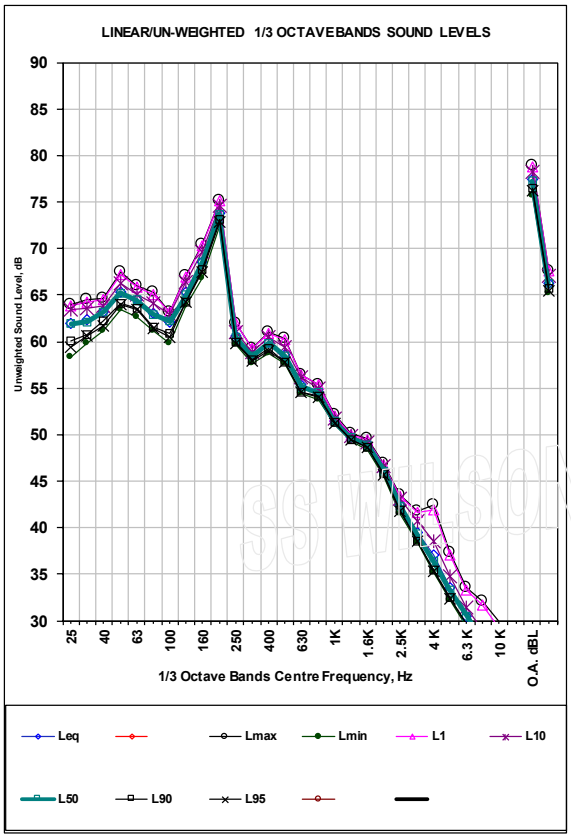
Source Name: Exhaust Fan
Source Tag/ID: EX-2
Source Location: Rooftop
Source Type: Exhaust
Other Description: .....

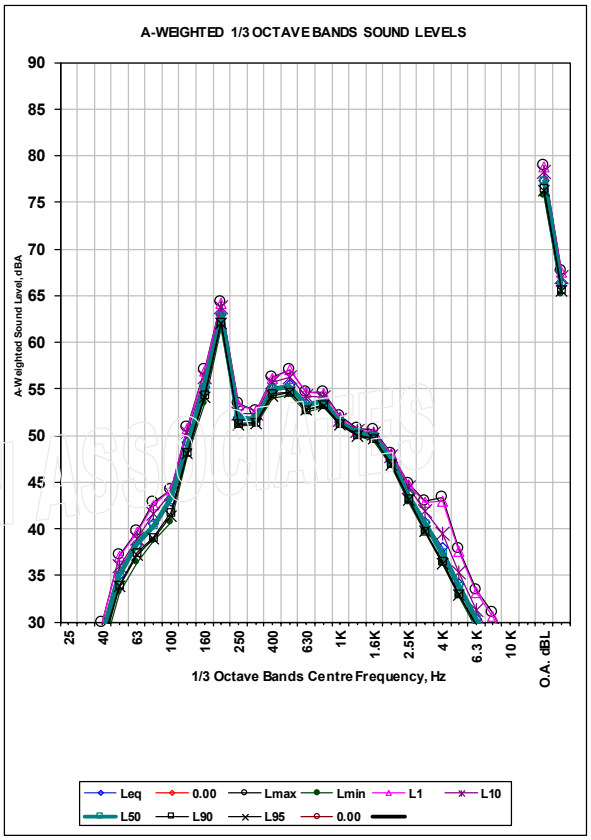
Measurement Date: May 18 2016
SLM Mem.Code: M3

Tonality,..etc .....

Other Data: H= 1.5m
Distance = 3m away
Leq= 66dBA
Height of the Roof = 6m
.....

1/3 OCTAVE BANDS





N5 Third Octave Bands Sound Levels & NC , August 2007 Proceed

17/06/2016 11:41

SS WILSON ASSOCIATES

Consulting Engineers **, Richmond Hill, Ontario**

MEASURED/PREDICTED 1/3 OCTAVE BANDS SOUND LEVELS

File No. : WA13-050
Project : #86-90 Dundas St W, Condo Tower,

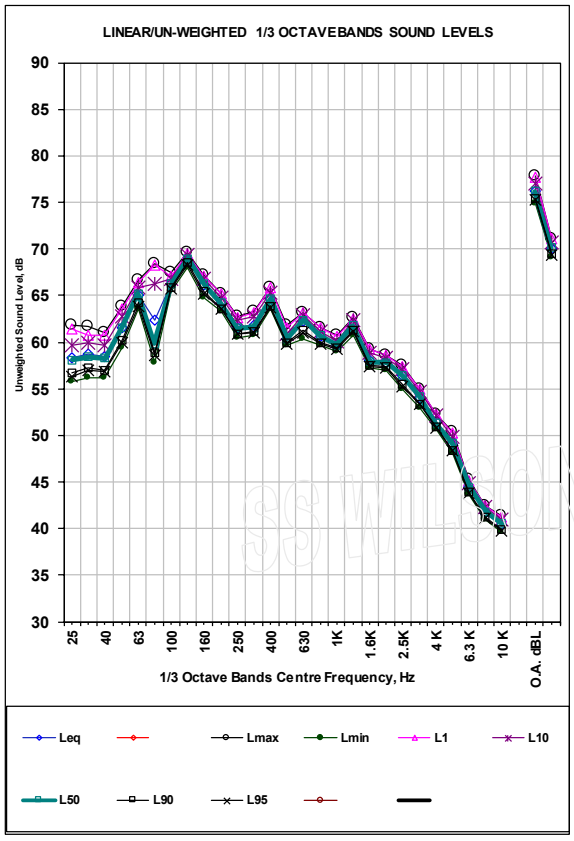
Source Name: Condensing Unit
Source Tag/ID: CU-1
Source Location: Rooftop
Source Type: Cooling
Other Description: .....

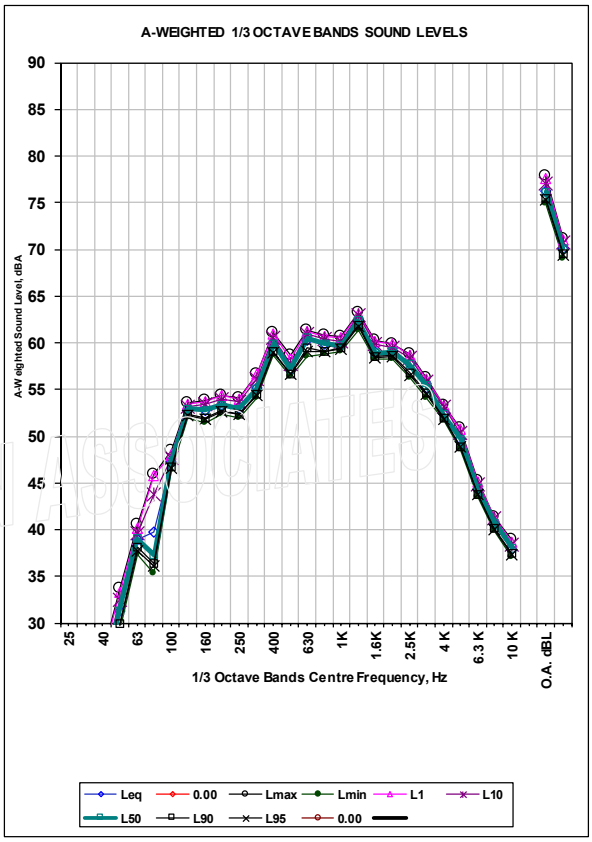
Measurement Date: May 18 2016
SLM Mem.Code: M4

Tonality,..etc .....

Other Data: H= 1 m
Distance = 5m away
Leq= 70dBA
Height of the Roof = 6m
There were 3 condensing units on the roof only one was operating at the time

1/3 OCTAVE BANDS





N5 Third Octave Bands Sound Levels & NC , August 200 Proceed

17/06/2016 11:41

SS WILSON ASSOCIATES

***Consulting Engineers*, Richmond Hill, Ontario**

MEASURED/PREDICTED 1/3 OCTAVE BANDS SOUND LEVELS

File No. : WA13-050
Project : #86-90 Dundas St W, Condo Tower, N

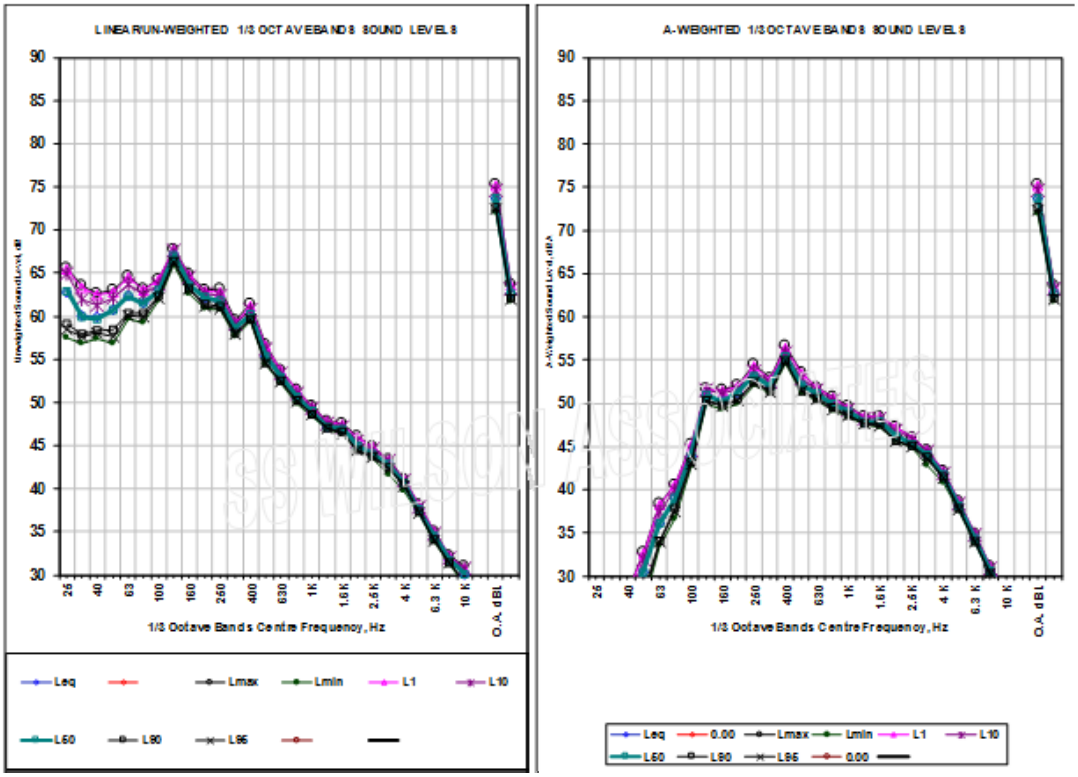
Source Name: Exhaust Fans
Source Tag/ID: EX-3,4 and 5
Source Location: KFC Rooftopunit
Source Type:
Other Description: .....

Measurement Date: May 18 2016
SLM Mem.Code: M5

Tonality,..etc .....

Other Data: H= 2m
Distance = 5m away
Leq= 63dBA
Height of the Roof = 6m
3 Exhaust fan all operating at the same time

1/3 OCTAVE BANDS



N5 Third Octave Bands Sound Levels & NC , August 2001 **Proceed**

17/06/2016 11:41

SS WILSON ASSOCIATES

***Consulting Engineers*, Richmond Hill, Ontario**

MEASURED/PREDICTED 1/3 OCTAVE BANDS SOUND LEVELS

File No. : WA13-050
Project : #86-90 Dundas St W, Condo Tower,

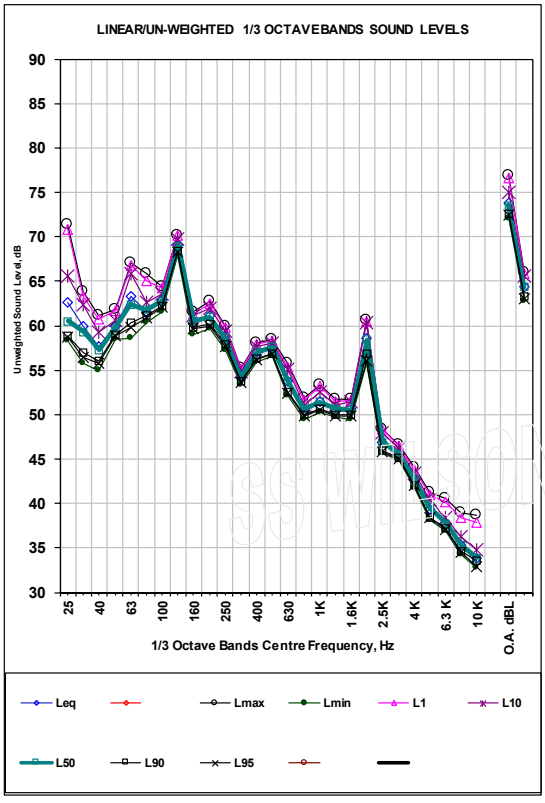
Source Name: Condensing Units
Source Tag/ID: CU-4,5 and 6
Source Location: Rooftop KFC
Source Type: Cooling
Other Description: .....

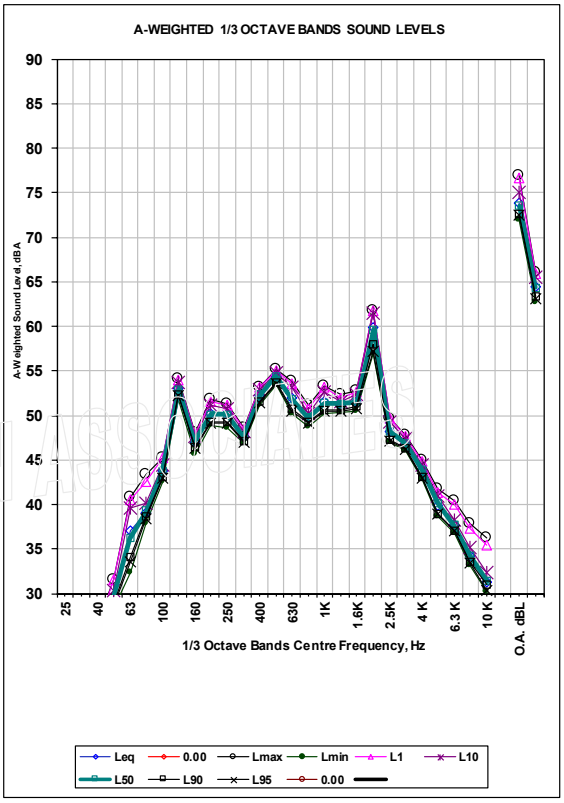
Measurement Date: May 18 2016
SLM Mem.Code: M6

Tonality,..etc .....

Other Data:
H= 0.5 m
Distance = 3m away
Leq= 64dBA
Height of the Roof = 6m
There were 3 condensing units - All of them Operating

1/3 OCTAVE BANDS





APPENDIX E
SAMPLE STATIONARY SOUND LEVEL CACLULATIONS

Sample Calculation: Rc Unmitigated

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)	960.00
Reference Time Night (min)	480.00
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	2
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rvcr - 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	0.00
Wind Speed for Dir. (m/s)	3.0
Roads (TNM)	
Railways (Schall 03 (1990))	
Strictly acc. to Schall 03 / Schall-Transrapid	
Aircraft (???)	
Strictly acc. to AzB	

Receiver
Name: Rc
ID: R_c
X: 17611942.45
Y: 4826353.70
Z: 10.00

Point Source, ISO 9613, Name: "Exhuast Fan 1", ID: "EX1"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4	17611915.11	4826310.64	7.50	0	DEN	32	50.9	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	1.7
4	17611915.11	4826310.64	7.50	0	DEN	63	68.8	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	6.0	0.0	0.0	20.6
4	17611915.11	4826310.64	7.50	0	DEN	125	85.9	0.0	0.0	0.0	45.2	0.0	-3.0	0.0	0.0	3.1	0.0	0.0	40.5
4	17611915.11	4826310.64	7.50	0	DEN	250	86.9	0.0	0.0	0.0	45.2	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	41.6
4	17611915.11	4826310.64	7.50	0	DEN	500	91.5	0.0	0.0	0.0	45.2	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	46.2
4	17611915.11	4826310.64	7.50	0	DEN	1000	93.6	0.0	0.0	0.0	45.2	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	48.2
4	17611915.11	4826310.64	7.50	0	DEN	2000	88.5	0.0	0.0	0.0	45.2	0.5	-3.0	0.0	0.0	3.0	0.0	0.0	42.8
4	17611915.11	4826310.64	7.50	0	DEN	4000	81.6	0.0	0.0	0.0	45.2	1.7	-3.0	0.0	0.0	3.0	0.0	0.0	34.7
4	17611915.11	4826310.64	7.50	0	DEN	8000	77.2	0.0	0.0	0.0	45.2	6.0	-3.0	0.0	0.0	3.0	0.0	0.0	26.0
6	17611915.11	4826310.64	7.50	1	DEN	32	50.9	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-2.0
6	17611915.11	4826310.64	7.50	1	DEN	63	68.8	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	6.3	0.0	1.0	16.7
6	17611915.11	4826310.64	7.50	1	DEN	125	85.9	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	4.1	0.0	1.0	36.0
6	17611915.11	4826310.64	7.50	1	DEN	250	86.9	0.0	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	38.1
6	17611915.11	4826310.64	7.50	1	DEN	500	91.5	0.0	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	42.6
6	17611915.11	4826310.64	7.50	1	DEN	1000	93.6	0.0	0.0	0.0	47.7	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	44.6
6	17611915.11	4826310.64	7.50	1	DEN	2000	88.5	0.0	0.0	0.0	47.7	0.7	-3.0	0.0	0.0	3.0	0.0	1.0	39.1
6	17611915.11	4826310.64	7.50	1	DEN	4000	81.6	0.0	0.0	0.0	47.7	2.3	-3.0	0.0	0.0	3.0	0.0	1.0	30.6
6	17611915.11	4826310.64	7.50	1	DEN	8000	77.2	0.0	0.0	0.0	47.7	8.0	-3.0	0.0	0.0	3.0	0.0	1.0	20.4

Point Source, ISO 9613, Name: "AC1", ID: "AC1"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
9	17611922.43	4826306.08	6.00	0	D	32	-7.9	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	5.6	0.0	0.0	-55.8
9	17611922.43	4826306.08	6.00	0	D	63	5.3	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	3.0	0.0	0.0	-40.0
9	17611922.43	4826306.08	6.00	0	D	125	15.4	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	3.0	0.0	0.0	-29.9
9	17611922.43	4826306.08	6.00	0	D	250	22.9	0.0	0.0	0.0	45.3	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-22.4
9	17611922.43	4826306.08	6.00	0	D	500	28.3	0.0	0.0	0.0	45.3	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-17.1
9	17611922.43	4826306.08	6.00	0	D	1000	89.5	0.0	0.0	0.0	45.3	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	44.0
9	17611922.43	4826306.08	6.00	0	D	2000	32.7	0.0	0.0	0.0	45.3	0.5	-3.0	0.0	0.0	3.0	0.0	0.0	-13.1
9	17611922.43	4826306.08	6.00	0	D	4000	32.5	0.0	0.0	0.0	45.3	1.7	-3.0	0.0	0.0	3.0	0.0	0.0	-14.5
9	17611922.43	4826306.08	6.00	0	D	8000	30.4	0.0	0.0	0.0	45.3	6.1	-3.0	0.0	0.0	3.0	0.0	0.0	-20.9
9	17611922.43	4826306.08	6.00	0	N	32	-10.9	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	5.6	0.0	0.0	-58.8
9	17611922.43	4826306.08	6.00	0	N	63	2.3	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	3.0	0.0	0.0	-43.0
9	17611922.43	4826306.08	6.00	0	N	125	12.4	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	3.0	0.0	0.0	-32.9
9	17611922.43	4826306.08	6.00	0	N	250	19.9	0.0	0.0	0.0	45.3	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-25.4
9	17611922.43	4826306.08	6.00	0	N	500	25.3	0.0	0.0	0.0	45.3	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-20.1
9	17611922.43	4826306.08	6.00	0	N	1000	86.5	0.0	0.0	0.0	45.3	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	41.0
9	17611922.43	4826306.08	6.00	0	N	2000	29.7	0.0	0.0	0.0	45.3	0.5	-3.0	0.0	0.0	3.0	0.0	0.0	-16.1
9	17611922.43	4826306.08	6.00	0	N	4000	29.5	0.0	0.0	0.0	45.3	1.7	-3.0	0.0	0.0	3.0	0.0	0.0	-17.5
9	17611922.43	4826306.08	6.00	0	N	8000	27.4	0.0	0.0	0.0	45.3	6.1	-3.0	0.0	0.0	3.0	0.0	0.0	-24.0
9	17611922.43	4826306.08	6.00	0	E	32	-9.1	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	5.6	0.0	0.0	-57.0
9	17611922.43	4826306.08	6.00	0	E	63	4.1	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	3.0	0.0	0.0	-41.2
9	17611922.43	4826306.08	6.00	0	E	125	14.2	0.0	0.0	0.0	45.3	0.0	-3.0	0.0	0.0	3.0	0.0	0.0	-31.2
9	17611922.43	4826306.08	6.00	0	E	250	21.7	0.0	0.0	0.0	45.3	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-23.7
9	17611922.43	4826306.08	6.00	0	E	500	27.1	0.0	0.0	0.0	45.3	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-18.3
9	17611922.43	4826306.08	6.00	0	E	1000	88.3	0.0	0.0	0.0	45.3	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	42.8
9	17611922.43	4826306.08	6.00	0	E	2000	31.5	0.0	0.0	0.0	45.3	0.5	-3.0	0.0	0.0	3.0	0.0	0.0	-14.3
9	17611922.43	4826306.08	6.00	0	E	4000	31.3	0.0	0.0	0.0	45.3	1.7	-3.0	0.0	0.0	3.0	0.0	0.0	-15.7
9	17611922.43	4826306.08	6.00	0	E	8000	29.2	0.0	0.0	0.0	45.3	6.1	-3.0	0.0	0.0	3.0	0.0	0.0	-22.2
12	17611922.43	4826306.08	6.00	1	D	32	-7.9	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	5.7	0.0	1.0	-59.4
12	17611922.43	4826306.08	6.00	1	D	63	5.3	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	3.0	0.0	1.0	-43.5
12	17611922.43	4826306.08	6.00	1	D	125	15.4	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	3.0	0.0	1.0	-33.4
12	17611922.43	4826306.08	6.00	1	D	250	22.9	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-25.9

Sample Calculation: Rc Unmitigated

Point Source, ISO 9613, Name: "AC1", ID: "AC1"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
12	17611922.43	4826306.08	6.00	1	D	500	28.3	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-20.6
12	17611922.43	4826306.08	6.00	1	D	1000	89.5	0.0	0.0	0.0	47.8	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	40.5
12	17611922.43	4826306.08	6.00	1	D	2000	32.7	0.0	0.0	0.0	47.8	0.7	-3.0	0.0	0.0	3.0	0.0	1.0	-16.7
12	17611922.43	4826306.08	6.00	1	D	4000	32.5	0.0	0.0	0.0	47.8	2.3	-3.0	0.0	0.0	3.0	0.0	1.0	-18.5
12	17611922.43	4826306.08	6.00	1	D	8000	30.4	0.0	0.0	0.0	47.8	8.0	-3.0	0.0	0.0	3.0	0.0	1.0	-26.4
12	17611922.43	4826306.08	6.00	1	N	32	-10.9	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	5.7	0.0	1.0	-62.4
12	17611922.43	4826306.08	6.00	1	N	63	2.3	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	3.0	0.0	1.0	-46.5
12	17611922.43	4826306.08	6.00	1	N	125	12.4	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	3.0	0.0	1.0	-36.4
12	17611922.43	4826306.08	6.00	1	N	250	19.9	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-28.9
12	17611922.43	4826306.08	6.00	1	N	500	25.3	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-23.6
12	17611922.43	4826306.08	6.00	1	N	1000	86.5	0.0	0.0	0.0	47.8	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	37.5
12	17611922.43	4826306.08	6.00	1	N	2000	29.7	0.0	0.0	0.0	47.8	0.7	-3.0	0.0	0.0	3.0	0.0	1.0	-19.7
12	17611922.43	4826306.08	6.00	1	N	4000	29.5	0.0	0.0	0.0	47.8	2.3	-3.0	0.0	0.0	3.0	0.0	1.0	-21.5
12	17611922.43	4826306.08	6.00	1	N	8000	27.4	0.0	0.0	0.0	47.8	8.0	-3.0	0.0	0.0	3.0	0.0	1.0	-29.4
12	17611922.43	4826306.08	6.00	1	E	32	-9.1	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	5.7	0.0	1.0	-60.6
12	17611922.43	4826306.08	6.00	1	E	63	4.1	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	3.0	0.0	1.0	-44.7
12	17611922.43	4826306.08	6.00	1	E	125	14.2	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	3.0	0.0	1.0	-34.6
12	17611922.43	4826306.08	6.00	1	E	250	21.7	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-27.2
12	17611922.43	4826306.08	6.00	1	E	500	27.1	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-21.8
12	17611922.43	4826306.08	6.00	1	E	1000	88.3	0.0	0.0	0.0	47.8	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	39.2
12	17611922.43	4826306.08	6.00	1	E	2000	31.5	0.0	0.0	0.0	47.8	0.7	-3.0	0.0	0.0	3.0	0.0	1.0	-18.0
12	17611922.43	4826306.08	6.00	1	E	4000	31.3	0.0	0.0	0.0	47.8	2.3	-3.0	0.0	0.0	3.0	0.0	1.0	-19.8
12	17611922.43	4826306.08	6.00	1	E	8000	29.2	0.0	0.0	0.0	47.8	8.0	-3.0	0.0	0.0	3.0	0.0	1.0	-27.7

Point Source, ISO 9613, Name: "AC6", ID: "AC6"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
18	17611910.85	4826277.15	7.50	0	D	32	-7.9	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-61.6
18	17611910.85	4826277.15	7.50	0	D	63	5.3	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-48.0
18	17611910.85	4826277.15	7.50	0	D	125	15.4	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	5.8	0.0	0.0	-36.8
18	17611910.85	4826277.15	7.50	0	D	250	22.9	0.0	0.0	0.0	49.4	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-26.5
18	17611910.85	4826277.15	7.50	0	D	500	28.3	0.0	0.0	0.0	49.4	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-21.2
18	17611910.85	4826277.15	7.50	0	D	1000	93.5	0.0	0.0	0.0	49.4	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	43.8
18	17611910.85	4826277.15	7.50	0	D	2000	32.7	0.0	0.0	0.0	49.4	0.8	-3.0	0.0	0.0	3.0	0.0	0.0	-17.5
18	17611910.85	4826277.15	7.50	0	D	4000	32.5	0.0	0.0	0.0	49.4	2.7	-3.0	0.0	0.0	3.0	0.0	0.0	-19.6
18	17611910.85	4826277.15	7.50	0	D	8000	30.4	0.0	0.0	0.0	49.4	9.7	-3.0	0.0	0.0	3.0	0.0	0.0	-28.6
18	17611910.85	4826277.15	7.50	0	N	32	-10.9	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-64.6
18	17611910.85	4826277.15	7.50	0	N	63	2.3	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-51.0
18	17611910.85	4826277.15	7.50	0	N	125	12.4	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	5.8	0.0	0.0	-39.8
18	17611910.85	4826277.15	7.50	0	N	250	19.9	0.0	0.0	0.0	49.4	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-29.6
18	17611910.85	4826277.15	7.50	0	N	500	25.3	0.0	0.0	0.0	49.4	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-24.2
18	17611910.85	4826277.15	7.50	0	N	1000	90.5	0.0	0.0	0.0	49.4	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	40.8
18	17611910.85	4826277.15	7.50	0	N	2000	29.7	0.0	0.0	0.0	49.4	0.8	-3.0	0.0	0.0	3.0	0.0	0.0	-20.5
18	17611910.85	4826277.15	7.50	0	N	4000	29.5	0.0	0.0	0.0	49.4	2.7	-3.0	0.0	0.0	3.0	0.0	0.0	-22.6
18	17611910.85	4826277.15	7.50	0	N	8000	27.4	0.0	0.0	0.0	49.4	9.7	-3.0	0.0	0.0	3.0	0.0	0.0	-31.7
18	17611910.85	4826277.15	7.50	0	E	32	-9.1	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-62.9
18	17611910.85	4826277.15	7.50	0	E	63	4.1	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-49.2
18	17611910.85	4826277.15	7.50	0	E	125	14.2	0.0	0.0	0.0	49.4	0.0	-3.0	0.0	0.0	5.8	0.0	0.0	-38.1
18	17611910.85	4826277.15	7.50	0	E	250	21.7	0.0	0.0	0.0	49.4	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-27.8
18	17611910.85	4826277.15	7.50	0	E	500	27.1	0.0	0.0	0.0	49.4	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-22.5
18	17611910.85	4826277.15	7.50	0	E	1000	92.3	0.0	0.0	0.0	49.4	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	42.6
18	17611910.85	4826277.15	7.50	0	E	2000	31.5	0.0	0.0	0.0	49.4	0.8	-3.0	0.0	0.0	3.0	0.0	0.0	-18.7
18	17611910.85	4826277.15	7.50	0	E	4000	31.3	0.0	0.0	0.0	49.4	2.7	-3.0	0.0	0.0	3.0	0.0	0.0	-20.8
18	17611910.85	4826277.15	7.50	0	E	8000	29.2	0.0	0.0	0.0	49.4	9.7	-3.0	0.0	0.0	3.0	0.0	0.0	-29.9
25	17611910.85	4826277.15	7.50	1	D	63	5.3	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-50.8
25	17611910.85	4826277.15	7.50	1	D	125	15.4	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	6.3	0.0	1.0	-39.9
25	17611910.85	4826277.15	7.50	1	D	250	22.9	0.0	0.0	0.0	51.0	0.1	-3.0	0.0	0.0	3.9	0.0	1.0	-30.1
25	17611910.85	4826277.15	7.50	1	D	500	28.3	0.0	0.0	0.0	51.0	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-23.9
25	17611910.85	4826277.15	7.50	1	D	1000	93.5	0.0	0.0	0.0	51.0	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	41.2
25	17611910.85	4826277.15	7.50	1	D	2000	32.7	0.0	0.0	0.0	51.0	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-20.2
25	17611910.85	4826277.15	7.50	1	D	4000	32.5	0.0	0.0	0.0	51.0	3.3	-3.0	0.0	0.0	3.0	0.0	1.0	-22.8
25	17611910.85	4826277.15	7.50	1	D	8000	30.4	0.0	0.0	0.0	51.0	11.7	-3.0	0.0	0.0	3.0	0.0	1.0	-33.2
25	17611910.85	4826277.15	7.50	1	N	63	2.3	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-53.8

Point Source, ISO 9613, Name: "AC6", ID: "AC6"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
25	17611910.85	4826277.15	7.50	1	N	125	12.4	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	6.3	0.0	1.0	-42.9
25	17611910.85	4826277.15	7.50	1	N	250	19.9	0.0	0.0	0.0	51.0	0.1	-3.0	0.0	0.0	3.9	0.0	1.0	-33.1
25	17611910.85	4826277.15	7.50	1	N	500	25.3	0.0	0.0	0.0	51.0	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-26.9
25	17611910.85	4826277.15	7.50	1	N	1000	90.5	0.0	0.0	0.0	51.0	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	38.1
25	17611910.85	4826277.15	7.50	1	N	2000	29.7	0.0	0.0	0.0	51.0	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-23.3
25	17611910.85	4826277.15	7.50	1	N	4000	29.5	0.0	0.0	0.0	51.0	3.3	-3.0	0.0	0.0	3.0	0.0	1.0	-25.8
25	17611910.85	4826277.15	7.50	1	N	8000	27.4	0.0	0.0	0.0	51.0	11.7	-3.0	0.0	0.0	3.0	0.0	1.0	-36.3
25	17611910.85	4826277.15	7.50	1	E	63	4.1	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-52.0
25	17611910.85	4826277.15	7.50	1	E	125	14.2	0.0	0.0	0.0	51.0	0.0	-3.0	0.0	0.0	6.3	0.0	1.0	-41.1
25	17611910.85	4826277.15	7.50	1	E	250	21.7	0.0	0.0	0.0	51.0	0.1	-3.0	0.0	0.0	3.9	0.0	1.0	-31.3
25	17611910.85	4826277.15	7.50	1	E	500	27.1	0.0	0.0	0.0	51.0	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-25.1
25	17611910.85	4826277.15	7.50	1	E	1000	92.3	0.0	0.0	0.0	51.0	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	39.9
25	17611910.85	4826277.15	7.50	1	E	2000	31.5	0.0	0.0	0.0	51.0	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-21.5
25	17611910.85	4826277.15	7.50	1	E	4000	31.3	0.0	0.0	0.0	51.0	3.3	-3.0	0.0	0.0	3.0	0.0	1.0	-24.0
25	17611910.85	4826277.15	7.50	1	E	8000	29.2	0.0	0.0	0.0	51.0	11.7	-3.0	0.0	0.0	3.0	0.0	1.0	-34.5

Point Source, ISO 9613, Name: "AC7", ID: "AC7"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
31	17611895.42	4826275.89	7.50	0	D	32	-7.9	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-62.4
31	17611895.42	4826275.89	7.50	0	D	63	5.3	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-48.6
31	17611895.42	4826275.89	7.50	0	D	125	15.4	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-37.2
31	17611895.42	4826275.89	7.50	0	D	250	22.9	0.0	0.0	0.0	50.2	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-27.4
31	17611895.42	4826275.89	7.50	0	D	500	28.3	0.0	0.0	0.0	50.2	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-22.0
31	17611895.42	4826275.89	7.50	0	D	1000	93.5	0.0	0.0	0.0	50.2	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	43.0
31	17611895.42	4826275.89	7.50	0	D	2000	32.7	0.0	0.0	0.0	50.2	0.9	-3.0	0.0	0.0	3.0	0.0	0.0	-18.4
31	17611895.42	4826275.89	7.50	0	D	4000	32.5	0.0	0.0	0.0	50.2	3.0	-3.0	0.0	0.0	3.0	0.0	0.0	-20.7
31	17611895.42	4826275.89	7.50	0	D	8000	30.4	0.0	0.0	0.0	50.2	10.6	-3.0	0.0	0.0	3.0	0.0	0.0	-30.4
31	17611895.42	4826275.89	7.50	0	N	32	-10.9	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-65.4
31	17611895.42	4826275.89	7.50	0	N	63	2.3	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-51.6
31	17611895.42	4826275.89	7.50	0	N	125	12.4	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-40.2
31	17611895.42	4826275.89	7.50	0	N	250	19.9	0.0	0.0	0.0	50.2	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-30.4
31	17611895.42	4826275.89	7.50	0	N	500	25.3	0.0	0.0	0.0	50.2	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-25.1
31	17611895.42	4826275.89	7.50	0	N	1000	90.5	0.0	0.0	0.0	50.2	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	40.0
31	17611895.42	4826275.89	7.50	0	N	2000	29.7	0.0	0.0	0.0	50.2	0.9	-3.0	0.0	0.0	3.0	0.0	0.0	-21.4
31	17611895.42	4826275.89	7.50	0	N	4000	29.5	0.0	0.0	0.0	50.2	3.0	-3.0	0.0	0.0	3.0	0.0	0.0	-23.7
31	17611895.42	4826275.89	7.50	0	N	8000	27.4	0.0	0.0	0.0	50.2	10.6	-3.0	0.0	0.0	3.0	0.0	0.0	-33.4
31	17611895.42	4826275.89	7.50	0	E	32	-9.1	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-63.6
31	17611895.42	4826275.89	7.50	0	E	63	4.1	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-49.9
31	17611895.42	4826275.89	7.50	0	E	125	14.2	0.0	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-38.4
31	17611895.42	4826275.89	7.50	0	E	250	21.7	0.0	0.0	0.0	50.2	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-28.6
31	17611895.42	4826275.89	7.50	0	E	500	27.1	0.0	0.0	0.0	50.2	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-23.3
31	17611895.42	4826275.89	7.50	0	E	1000	92.3	0.0	0.0	0.0	50.2	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	41.7
31	17611895.42	4826275.89	7.50	0	E	2000	31.5	0.0	0.0	0.0	50.2	0.9	-3.0	0.0	0.0	3.0	0.0	0.0	-19.6
31	17611895.42	4826275.89	7.50	0	E	4000	31.3	0.0	0.0	0.0	50.2	3.0	-3.0	0.0	0.0	3.0	0.0	0.0	-21.9
31	17611895.42	4826275.89	7.50	0	E	8000	29.2	0.0	0.0	0.0	50.2	10.6	-3.0	0.0	0.0	3.0	0.0	0.0	-31.7
34	17611895.42	4826275.89	7.50	1	D	32	-7.9	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	7.4	0.0	1.0	-65.0
34	17611895.42	4826275.89	7.50	1	D	63	5.3	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	7.0	0.0	1.0	-51.5
34	17611895.42	4826275.89	7.50	1	D	125	15.4	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	6.2	0.0	1.0	-40.5
34	17611895.42	4826275.89	7.50	1	D	250	22.9	0.0	0.0	0.0	51.7	0.1	-3.0	0.0	0.0	3.6	0.0	1.0	-30.5
34	17611895.42	4826275.89	7.50	1	D	500	28.3	0.0	0.0	0.0	51.7	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-24.6
34	17611895.42	4826275.89	7.50	1	D	1000	93.5	0.0	0.0	0.0	51.7	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	40.4
34	17611895.42	4826275.89	7.50	1	D	2000	32.7	0.0	0.0	0.0	51.7	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-21.1
34	17611895.42	4826275.89	7.50	1	D	4000	32.5	0.0	0.0	0.0	51.7	3.6	-3.0	0.0	0.0	3.0	0.0	1.0	-23.8
34	17611895.42	4826275.89	7.50	1	D	8000	30.4	0.0	0.0	0.0	51.7	12.7	-3.0	0.0	0.0	3.0	0.0	1.0	-35.0
34	17611895.42	4826275.89	7.50	1	N	32	-10.9	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	7.4	0.0	1.0	-68.0
34	17611895.42	4826275.89	7.50	1	N	63	2.3	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	7.0	0.0	1.0	-54.5
34	17611895.42	4826275.89	7.50	1	N	125	12.4	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	6.2	0.0	1.0	-43.5
34	17611895.42	4826275.89	7.50	1	N	250	19.9	0.0	0.0	0.0	51.7	0.1	-3.0	0.0	0.0	3.6	0.0	1.0	-33.5
34	17611895.42	4826275.89	7.50	1	N	500	25.3	0.0	0.0	0.0	51.7	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-27.6
34	17611895.42	4826275.89	7.50	1	N	1000	90.5	0.0	0.0	0.0	51.7	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	37.4
34	17611895.42	4826275.89	7.50	1	N	2000	29.7	0.0	0.0	0.0	51.7	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-24.1
34	17611895.42	4826275.89	7.50	1	N	4000	29.5	0.0	0.0	0.0	51.7	3.6	-3.0	0.0	0.0	3.0	0.0	1.0	-26.8

Sample Calculation: Rc Unmitigated

Point Source, ISO 9613, Name: "AC7", ID: "AC7"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
34	17611895.42	4826275.89	7.50	1	N	8000	27.4	0.0	0.0	0.0	51.7	12.7	-3.0	0.0	0.0	3.0	0.0	1.0	-38.0
34	17611895.42	4826275.89	7.50	1	E	32	-9.1	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	7.4	0.0	1.0	-66.3
34	17611895.42	4826275.89	7.50	1	E	63	4.1	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	7.0	0.0	1.0	-52.7
34	17611895.42	4826275.89	7.50	1	E	125	14.2	0.0	0.0	0.0	51.7	0.0	-3.0	0.0	0.0	6.2	0.0	1.0	-41.8
34	17611895.42	4826275.89	7.50	1	E	250	21.7	0.0	0.0	0.0	51.7	0.1	-3.0	0.0	0.0	3.6	0.0	1.0	-31.8
34	17611895.42	4826275.89	7.50	1	E	500	27.1	0.0	0.0	0.0	51.7	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-25.9
34	17611895.42	4826275.89	7.50	1	E	1000	92.3	0.0	0.0	0.0	51.7	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	39.1
34	17611895.42	4826275.89	7.50	1	E	2000	31.5	0.0	0.0	0.0	51.7	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-22.3
34	17611895.42	4826275.89	7.50	1	E	4000	31.3	0.0	0.0	0.0	51.7	3.6	-3.0	0.0	0.0	3.0	0.0	1.0	-25.0
34	17611895.42	4826275.89	7.50	1	E	8000	29.2	0.0	0.0	0.0	51.7	12.7	-3.0	0.0	0.0	3.0	0.0	1.0	-36.2

Point Source, ISO 9613, Name: "CU1", ID: "CU1"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
37	17611919.77	4826268.73	7.50	0	D	32	-17.4	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-71.7
37	17611919.77	4826268.73	7.50	0	D	63	-4.2	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-58.1
37	17611919.77	4826268.73	7.50	0	D	125	5.9	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	5.9	0.0	0.0	-47.0
37	17611919.77	4826268.73	7.50	0	D	250	13.4	0.0	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-36.6
37	17611919.77	4826268.73	7.50	0	D	500	18.8	0.0	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-31.3
37	17611919.77	4826268.73	7.50	0	D	1000	92.0	0.0	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	41.8
37	17611919.77	4826268.73	7.50	0	D	2000	23.2	0.0	0.0	0.0	49.9	0.9	-3.0	0.0	0.0	3.0	0.0	0.0	-27.6
37	17611919.77	4826268.73	7.50	0	D	4000	23.0	0.0	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	3.0	0.0	0.0	-29.8
37	17611919.77	4826268.73	7.50	0	D	8000	20.9	0.0	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	3.0	0.0	0.0	-39.3
37	17611919.77	4826268.73	7.50	0	N	32	-20.4	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-74.7
37	17611919.77	4826268.73	7.50	0	N	63	-7.2	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-61.1
37	17611919.77	4826268.73	7.50	0	N	125	2.9	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	5.9	0.0	0.0	-50.0
37	17611919.77	4826268.73	7.50	0	N	250	10.4	0.0	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-39.6
37	17611919.77	4826268.73	7.50	0	N	500	15.8	0.0	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-34.3
37	17611919.77	4826268.73	7.50	0	N	1000	89.0	0.0	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	38.7
37	17611919.77	4826268.73	7.50	0	N	2000	20.2	0.0	0.0	0.0	49.9	0.9	-3.0	0.0	0.0	3.0	0.0	0.0	-30.6
37	17611919.77	4826268.73	7.50	0	N	4000	20.0	0.0	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	3.0	0.0	0.0	-32.8
37	17611919.77	4826268.73	7.50	0	N	8000	17.9	0.0	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	3.0	0.0	0.0	-42.3
37	17611919.77	4826268.73	7.50	0	E	32	-18.7	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-73.0
37	17611919.77	4826268.73	7.50	0	E	63	-5.5	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-59.3
37	17611919.77	4826268.73	7.50	0	E	125	4.6	0.0	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	5.9	0.0	0.0	-48.3
37	17611919.77	4826268.73	7.50	0	E	250	12.1	0.0	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-37.9
37	17611919.77	4826268.73	7.50	0	E	500	17.5	0.0	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-32.5
37	17611919.77	4826268.73	7.50	0	E	1000	90.7	0.0	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	40.5
37	17611919.77	4826268.73	7.50	0	E	2000	21.9	0.0	0.0	0.0	49.9	0.9	-3.0	0.0	0.0	3.0	0.0	0.0	-28.8
37	17611919.77	4826268.73	7.50	0	E	4000	21.7	0.0	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	3.0	0.0	0.0	-31.1
37	17611919.77	4826268.73	7.50	0	E	8000	19.6	0.0	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	3.0	0.0	0.0	-40.6
43	17611919.77	4826268.73	7.50	1	D	63	-4.2	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-60.7
43	17611919.77	4826268.73	7.50	1	D	125	5.9	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	6.3	0.0	1.0	-49.9
43	17611919.77	4826268.73	7.50	1	D	250	13.4	0.0	0.0	0.0	51.4	0.1	-3.0	0.0	0.0	4.2	0.0	1.0	-40.3
43	17611919.77	4826268.73	7.50	1	D	500	18.8	0.0	0.0	0.0	51.4	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-33.8
43	17611919.77	4826268.73	7.50	1	D	1000	92.0	0.0	0.0	0.0	51.4	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	39.2
43	17611919.77	4826268.73	7.50	1	D	2000	23.2	0.0	0.0	0.0	51.4	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-30.2
43	17611919.77	4826268.73	7.50	1	D	4000	23.0	0.0	0.0	0.0	51.4	3.4	-3.0	0.0	0.0	3.0	0.0	1.0	-32.8
43	17611919.77	4826268.73	7.50	1	D	8000	20.9	0.0	0.0	0.0	51.4	12.2	-3.0	0.0	0.0	3.0	0.0	1.0	-43.7
43	17611919.77	4826268.73	7.50	1	N	63	-7.2	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-63.7
43	17611919.77	4826268.73	7.50	1	N	125	2.9	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	6.3	0.0	1.0	-52.9
43	17611919.77	4826268.73	7.50	1	N	250	10.4	0.0	0.0	0.0	51.4	0.1	-3.0	0.0	0.0	4.2	0.0	1.0	-43.3
43	17611919.77	4826268.73	7.50	1	N	500	15.8	0.0	0.0	0.0	51.4	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-36.8
43	17611919.77	4826268.73	7.50	1	N	1000	89.0	0.0	0.0	0.0	51.4	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	36.2
43	17611919.77	4826268.73	7.50	1	N	2000	20.2	0.0	0.0	0.0	51.4	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-33.2
43	17611919.77	4826268.73	7.50	1	N	4000	20.0	0.0	0.0	0.0	51.4	3.4	-3.0	0.0	0.0	3.0	0.0	1.0	-35.8
43	17611919.77	4826268.73	7.50	1	N	8000	17.9	0.0	0.0	0.0	51.4	12.2	-3.0	0.0	0.0	3.0	0.0	1.0	-46.7
43	17611919.77	4826268.73	7.50	1	E	63	-5.5	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-62.0
43	17611919.77	4826268.73	7.50	1	E	125	4.6	0.0	0.0	0.0	51.4	0.0	-3.0	0.0	0.0	6.3	0.0	1.0	-51.1
43	17611919.77	4826268.73	7.50	1	E	250	12.1	0.0	0.0	0.0	51.4	0.1	-3.0	0.0	0.0	4.2	0.0	1.0	-41.5
43	17611919.77	4826268.73	7.50	1	E	500	17.5	0.0	0.0	0.0	51.4	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-35.0
43	17611919.77	4826268.73	7.50	1	E	1000	90.7	0.0	0.0	0.0	51.4	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	38.0
43	17611919.77	4826268.73	7.50	1	E	2000	21.9	0.0	0.0	0.0	51.4	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-31.4

Sample Calculation: Rc Unmitigated

Point Source, ISO 9613, Name: "CU1", ID: "CU1"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
43	17611919.77	4826268.73	7.50	1	E	4000	21.7	0.0	0.0	0.0	51.4	3.4	-3.0	0.0	0.0	3.0	0.0	1.0	-34.1
43	17611919.77	4826268.73	7.50	1	E	8000	19.6	0.0	0.0	0.0	51.4	12.2	-3.0	0.0	0.0	3.0	0.0	1.0	-44.9

Point Source, ISO 9613, Name: "CU2", ID: "CU2"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
60	17611917.85	4826267.48	7.50	0	D	32	-17.4	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-71.9
60	17611917.85	4826267.48	7.50	0	D	63	-4.2	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-58.3
60	17611917.85	4826267.48	7.50	0	D	125	5.9	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	6.0	0.0	0.0	-47.2
60	17611917.85	4826267.48	7.50	0	D	250	13.4	0.0	0.0	0.0	50.1	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-36.8
60	17611917.85	4826267.48	7.50	0	D	500	18.8	0.0	0.0	0.0	50.1	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-31.5
60	17611917.85	4826267.48	7.50	0	D	1000	92.0	0.0	0.0	0.0	50.1	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	41.6
60	17611917.85	4826267.48	7.50	0	D	2000	23.2	0.0	0.0	0.0	50.1	0.9	-3.0	0.0	0.0	3.0	0.0	0.0	-27.8
60	17611917.85	4826267.48	7.50	0	D	4000	23.0	0.0	0.0	0.0	50.1	2.9	-3.0	0.0	0.0	3.0	0.0	0.0	-30.0
60	17611917.85	4826267.48	7.50	0	D	8000	20.9	0.0	0.0	0.0	50.1	10.5	-3.0	0.0	0.0	3.0	0.0	0.0	-39.7
60	17611917.85	4826267.48	7.50	0	N	32	-20.4	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-74.9
60	17611917.85	4826267.48	7.50	0	N	63	-7.2	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-61.3
60	17611917.85	4826267.48	7.50	0	N	125	2.9	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	6.0	0.0	0.0	-50.2
60	17611917.85	4826267.48	7.50	0	N	250	10.4	0.0	0.0	0.0	50.1	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-39.8
60	17611917.85	4826267.48	7.50	0	N	500	15.8	0.0	0.0	0.0	50.1	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-34.5
60	17611917.85	4826267.48	7.50	0	N	1000	89.0	0.0	0.0	0.0	50.1	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	38.6
60	17611917.85	4826267.48	7.50	0	N	2000	20.2	0.0	0.0	0.0	50.1	0.9	-3.0	0.0	0.0	3.0	0.0	0.0	-30.8
60	17611917.85	4826267.48	7.50	0	N	4000	20.0	0.0	0.0	0.0	50.1	2.9	-3.0	0.0	0.0	3.0	0.0	0.0	-33.0
60	17611917.85	4826267.48	7.50	0	N	8000	17.9	0.0	0.0	0.0	50.1	10.5	-3.0	0.0	0.0	3.0	0.0	0.0	-42.7
60	17611917.85	4826267.48	7.50	0	E	32	-18.7	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-73.1
60	17611917.85	4826267.48	7.50	0	E	63	-5.5	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-59.5
60	17611917.85	4826267.48	7.50	0	E	125	4.6	0.0	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	6.0	0.0	0.0	-48.4
60	17611917.85	4826267.48	7.50	0	E	250	12.1	0.0	0.0	0.0	50.1	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-38.0
60	17611917.85	4826267.48	7.50	0	E	500	17.5	0.0	0.0	0.0	50.1	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-32.7
60	17611917.85	4826267.48	7.50	0	E	1000	90.7	0.0	0.0	0.0	50.1	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	40.3
60	17611917.85	4826267.48	7.50	0	E	2000	21.9	0.0	0.0	0.0	50.1	0.9	-3.0	0.0	0.0	3.0	0.0	0.0	-29.0
60	17611917.85	4826267.48	7.50	0	E	4000	21.7	0.0	0.0	0.0	50.1	2.9	-3.0	0.0	0.0	3.0	0.0	0.0	-31.3
60	17611917.85	4826267.48	7.50	0	E	8000	19.6	0.0	0.0	0.0	50.1	10.5	-3.0	0.0	0.0	3.0	0.0	0.0	-40.9
63	17611917.85	4826267.48	7.50	1	D	63	-4.2	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-60.9
63	17611917.85	4826267.48	7.50	1	D	125	5.9	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	6.4	0.0	1.0	-50.0
63	17611917.85	4826267.48	7.50	1	D	250	13.4	0.0	0.0	0.0	51.5	0.1	-3.0	0.0	0.0	4.2	0.0	1.0	-40.5
63	17611917.85	4826267.48	7.50	1	D	500	18.8	0.0	0.0	0.0	51.5	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-33.9
63	17611917.85	4826267.48	7.50	1	D	1000	92.0	0.0	0.0	0.0	51.5	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	39.1
63	17611917.85	4826267.48	7.50	1	D	2000	23.2	0.0	0.0	0.0	51.5	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-30.4
63	17611917.85	4826267.48	7.50	1	D	4000	23.0	0.0	0.0	0.0	51.5	3.5	-3.0	0.0	0.0	3.0	0.0	1.0	-33.0
63	17611917.85	4826267.48	7.50	1	D	8000	20.9	0.0	0.0	0.0	51.5	12.4	-3.0	0.0	0.0	3.0	0.0	1.0	-44.0
63	17611917.85	4826267.48	7.50	1	N	63	-7.2	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-63.9
63	17611917.85	4826267.48	7.50	1	N	125	2.9	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	6.4	0.0	1.0	-53.1
63	17611917.85	4826267.48	7.50	1	N	250	10.4	0.0	0.0	0.0	51.5	0.1	-3.0	0.0	0.0	4.2	0.0	1.0	-43.5
63	17611917.85	4826267.48	7.50	1	N	500	15.8	0.0	0.0	0.0	51.5	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-37.0
63	17611917.85	4826267.48	7.50	1	N	1000	89.0	0.0	0.0	0.0	51.5	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	36.1
63	17611917.85	4826267.48	7.50	1	N	2000	20.2	0.0	0.0	0.0	51.5	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-33.4
63	17611917.85	4826267.48	7.50	1	N	4000	20.0	0.0	0.0	0.0	51.5	3.5	-3.0	0.0	0.0	3.0	0.0	1.0	-36.0
63	17611917.85	4826267.48	7.50	1	N	8000	17.9	0.0	0.0	0.0	51.5	12.4	-3.0	0.0	0.0	3.0	0.0	1.0	-47.0
63	17611917.85	4826267.48	7.50	1	E	63	-5.5	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-62.1
63	17611917.85	4826267.48	7.50	1	E	125	4.6	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	6.4	0.0	1.0	-51.3
63	17611917.85	4826267.48	7.50	1	E	250	12.1	0.0	0.0	0.0	51.5	0.1	-3.0	0.0	0.0	4.2	0.0	1.0	-41.7
63	17611917.85	4826267.48	7.50	1	E	500	17.5	0.0	0.0	0.0	51.5	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-35.2
63	17611917.85	4826267.48	7.50	1	E	1000	90.7	0.0	0.0	0.0	51.5	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	37.8
63	17611917.85	4826267.48	7.50	1	E	2000	21.9	0.0	0.0	0.0	51.5	1.0	-3.0	0.0	0.0	3.0	0.0	1.0	-31.6
63	17611917.85	4826267.48	7.50	1	E	4000	21.7	0.0	0.0	0.0	51.5	3.5	-3.0	0.0	0.0	3.0	0.0	1.0	-34.3
63	17611917.85	4826267.48	7.50	1	E	8000	19.6	0.0	0.0	0.0	51.5	12.4	-3.0	0.0	0.0	3.0	0.0	1.0	-45.3

Point Source, ISO 9613, Name: "MAU1", ID: "MAU1"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
65	17611915.42	4826278.62	7.50	0	DEN	32	-7.9	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-61.3
65	17611915.42	4826278.62	7.50	0	DEN	63	5.3	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-47.6

Sample Calculation: Rc Unmitigated

Point Source, ISO 9613, Name: "MAU1", ID: "MAU1"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
65	17611915.42	4826278.62	7.50	0	DEN	125	15.4	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	5.8	0.0	0.0	-36.4
65	17611915.42	4826278.62	7.50	0	DEN	250	22.9	0.0	0.0	0.0	49.0	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-26.2
65	17611915.42	4826278.62	7.50	0	DEN	500	28.3	0.0	0.0	0.0	49.0	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-20.9
65	17611915.42	4826278.62	7.50	0	DEN	1000	89.5	0.0	0.0	0.0	49.0	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	40.2
65	17611915.42	4826278.62	7.50	0	DEN	2000	32.7	0.0	0.0	0.0	49.0	0.8	-3.0	0.0	0.0	3.0	0.0	0.0	-17.1
65	17611915.42	4826278.62	7.50	0	DEN	4000	32.5	0.0	0.0	0.0	49.0	2.6	-3.0	0.0	0.0	3.0	0.0	0.0	-19.2
65	17611915.42	4826278.62	7.50	0	DEN	8000	30.4	0.0	0.0	0.0	49.0	9.3	-3.0	0.0	0.0	3.0	0.0	0.0	-28.0
68	17611915.42	4826278.62	7.50	1	DEN	63	5.3	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	7.0	0.0	1.0	-50.4
68	17611915.42	4826278.62	7.50	1	DEN	125	15.4	0.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	6.2	0.0	1.0	-39.5
68	17611915.42	4826278.62	7.50	1	DEN	250	22.9	0.0	0.0	0.0	50.7	0.1	-3.0	0.0	0.0	3.7	0.0	1.0	-29.5
68	17611915.42	4826278.62	7.50	1	DEN	500	28.3	0.0	0.0	0.0	50.7	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-23.6
68	17611915.42	4826278.62	7.50	1	DEN	1000	89.5	0.0	0.0	0.0	50.7	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	37.5
68	17611915.42	4826278.62	7.50	1	DEN	2000	32.7	0.0	0.0	0.0	50.7	0.9	-3.0	0.0	0.0	3.0	0.0	1.0	-19.9
68	17611915.42	4826278.62	7.50	1	DEN	4000	32.5	0.0	0.0	0.0	50.7	3.2	-3.0	0.0	0.0	3.0	0.0	1.0	-22.4
68	17611915.42	4826278.62	7.50	1	DEN	8000	30.4	0.0	0.0	0.0	50.7	11.3	-3.0	0.0	0.0	3.0	0.0	1.0	-32.6

Point Source, ISO 9613, Name: "EX2", ID: "EX2"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
73	17611912.90	4826281.14	7.50	0	DEN	32	-16.9	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-70.1
73	17611912.90	4826281.14	7.50	0	DEN	63	-3.7	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-56.4
73	17611912.90	4826281.14	7.50	0	DEN	125	6.4	0.0	0.0	0.0	48.9	0.0	-3.0	0.0	0.0	5.7	0.0	0.0	-45.2
73	17611912.90	4826281.14	7.50	0	DEN	250	13.9	0.0	0.0	0.0	48.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-35.0
73	17611912.90	4826281.14	7.50	0	DEN	500	19.3	0.0	0.0	0.0	48.9	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-29.7
73	17611912.90	4826281.14	7.50	0	DEN	1000	88.5	0.0	0.0	0.0	48.9	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	39.4
73	17611912.90	4826281.14	7.50	0	DEN	2000	23.7	0.0	0.0	0.0	48.9	0.8	-3.0	0.0	0.0	3.0	0.0	0.0	-25.9
73	17611912.90	4826281.14	7.50	0	DEN	4000	23.5	0.0	0.0	0.0	48.9	2.6	-3.0	0.0	0.0	3.0	0.0	0.0	-27.9
73	17611912.90	4826281.14	7.50	0	DEN	8000	21.4	0.0	0.0	0.0	48.9	9.2	-3.0	0.0	0.0	3.0	0.0	0.0	-36.6
76	17611912.90	4826281.14	7.50	1	DEN	63	-3.7	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	7.0	0.0	1.0	-59.3
76	17611912.90	4826281.14	7.50	1	DEN	125	6.4	0.0	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	6.2	0.0	1.0	-48.4
76	17611912.90	4826281.14	7.50	1	DEN	250	13.9	0.0	0.0	0.0	50.6	0.1	-3.0	0.0	0.0	3.6	0.0	1.0	-38.3
76	17611912.90	4826281.14	7.50	1	DEN	500	19.3	0.0	0.0	0.0	50.6	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-32.4
76	17611912.90	4826281.14	7.50	1	DEN	1000	88.5	0.0	0.0	0.0	50.6	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	36.6
76	17611912.90	4826281.14	7.50	1	DEN	2000	23.7	0.0	0.0	0.0	50.6	0.9	-3.0	0.0	0.0	3.0	0.0	1.0	-28.8
76	17611912.90	4826281.14	7.50	1	DEN	4000	23.5	0.0	0.0	0.0	50.6	3.1	-3.0	0.0	0.0	3.0	0.0	1.0	-31.2
76	17611912.90	4826281.14	7.50	1	DEN	8000	21.4	0.0	0.0	0.0	50.6	11.1	-3.0	0.0	0.0	3.0	0.0	1.0	-41.3

Point Source, ISO 9613, Name: "AC8", ID: ""																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
80	17611903.94	4826255.31	7.50	0	D	32	-7.9	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-63.8
80	17611903.94	4826255.31	7.50	0	D	63	5.3	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-50.2
80	17611903.94	4826255.31	7.50	0	D	125	15.4	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	6.0	0.0	0.0	-39.1
80	17611903.94	4826255.31	7.50	0	D	250	22.9	0.0	0.0	0.0	51.5	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-28.7
80	17611903.94	4826255.31	7.50	0	D	500	28.3	0.0	0.0	0.0	51.5	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-23.4
80	17611903.94	4826255.31	7.50	0	D	1000	87.5	0.0	0.0	0.0	51.5	0.4	-3.0	0.0	0.0	3.0	0.0	0.0	35.6
80	17611903.94	4826255.31	7.50	0	D	2000	32.7	0.0	0.0	0.0	51.5	1.0	-3.0	0.0	0.0	3.0	0.0	0.0	-19.8
80	17611903.94	4826255.31	7.50	0	D	4000	32.5	0.0	0.0	0.0	51.5	3.5	-3.0	0.0	0.0	3.0	0.0	0.0	-22.4
80	17611903.94	4826255.31	7.50	0	D	8000	30.4	0.0	0.0	0.0	51.5	12.4	-3.0	0.0	0.0	3.0	0.0	0.0	-33.4
80	17611903.94	4826255.31	7.50	0	N	32	-10.9	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-66.8
80	17611903.94	4826255.31	7.50	0	N	63	2.3	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-53.2
80	17611903.94	4826255.31	7.50	0	N	125	12.4	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	6.0	0.0	0.0	-42.1
80	17611903.94	4826255.31	7.50	0	N	250	19.9	0.0	0.0	0.0	51.5	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-31.7
80	17611903.94	4826255.31	7.50	0	N	500	25.3	0.0	0.0	0.0	51.5	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-26.4
80	17611903.94	4826255.31	7.50	0	N	1000	84.5	0.0	0.0	0.0	51.5	0.4	-3.0	0.0	0.0	3.0	0.0	0.0	32.6
80	17611903.94	4826255.31	7.50	0	N	2000	29.7	0.0	0.0	0.0	51.5	1.0	-3.0	0.0	0.0	3.0	0.0	0.0	-22.8
80	17611903.94	4826255.31	7.50	0	N	4000	29.5	0.0	0.0	0.0	51.5	3.5	-3.0	0.0	0.0	3.0	0.0	0.0	-25.5
80	17611903.94	4826255.31	7.50	0	N	8000	27.4	0.0	0.0	0.0	51.5	12.4	-3.0	0.0	0.0	3.0	0.0	0.0	-36.4
80	17611903.94	4826255.31	7.50	0	E	32	-9.1	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-65.0
80	17611903.94	4826255.31	7.50	0	E	63	4.1	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-51.4
80	17611903.94	4826255.31	7.50	0	E	125	14.2	0.0	0.0	0.0	51.5	0.0	-3.0	0.0	0.0	6.0	0.0	0.0	-40.4
80	17611903.94	4826255.31	7.50	0	E	250	21.7	0.0	0.0	0.0	51.5	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-29.9
80	17611903.94	4826255.31	7.50	0	E	500	27.1	0.0	0.0	0.0	51.5	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-24.6

Sample Calculation: Rc Unmitigated

Point Source, ISO 9613, Name: "AC8", ID: ""																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
80	17611903.94	4826255.31	7.50	0	E	1000	86.3	0.0	0.0	0.0	51.5	0.4	-3.0	0.0	0.0	3.0	0.0	0.0	34.4
80	17611903.94	4826255.31	7.50	0	E	2000	31.5	0.0	0.0	0.0	51.5	1.0	-3.0	0.0	0.0	3.0	0.0	0.0	-21.0
80	17611903.94	4826255.31	7.50	0	E	4000	31.3	0.0	0.0	0.0	51.5	3.5	-3.0	0.0	0.0	3.0	0.0	0.0	-23.7
80	17611903.94	4826255.31	7.50	0	E	8000	29.2	0.0	0.0	0.0	51.5	12.4	-3.0	0.0	0.0	3.0	0.0	0.0	-34.7
83	17611903.94	4826255.31	7.50	1	D	63	5.3	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	7.2	0.0	1.0	-52.6
83	17611903.94	4826255.31	7.50	1	D	125	15.4	0.0	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	6.5	0.0	1.0	-41.9
83	17611903.94	4826255.31	7.50	1	D	250	22.9	0.0	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	4.5	0.0	1.0	-32.5
83	17611903.94	4826255.31	7.50	1	D	500	28.3	0.0	0.0	0.0	52.8	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-25.7
83	17611903.94	4826255.31	7.50	1	D	1000	87.5	0.0	0.0	0.0	52.8	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	33.3
83	17611903.94	4826255.31	7.50	1	D	2000	32.7	0.0	0.0	0.0	52.8	1.2	-3.0	0.0	0.0	3.0	0.0	1.0	-22.2
83	17611903.94	4826255.31	7.50	1	D	4000	32.5	0.0	0.0	0.0	52.8	4.0	-3.0	0.0	0.0	3.0	0.0	1.0	-25.3
83	17611903.94	4826255.31	7.50	1	D	8000	30.4	0.0	0.0	0.0	52.8	14.3	-3.0	0.0	0.0	3.0	0.0	1.0	-37.7
83	17611903.94	4826255.31	7.50	1	N	63	2.3	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	7.2	0.0	1.0	-55.6
83	17611903.94	4826255.31	7.50	1	N	125	12.4	0.0	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	6.5	0.0	1.0	-44.9
83	17611903.94	4826255.31	7.50	1	N	250	19.9	0.0	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	4.5	0.0	1.0	-35.5
83	17611903.94	4826255.31	7.50	1	N	500	25.3	0.0	0.0	0.0	52.8	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-28.7
83	17611903.94	4826255.31	7.50	1	N	1000	84.5	0.0	0.0	0.0	52.8	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	30.3
83	17611903.94	4826255.31	7.50	1	N	2000	29.7	0.0	0.0	0.0	52.8	1.2	-3.0	0.0	0.0	3.0	0.0	1.0	-25.3
83	17611903.94	4826255.31	7.50	1	N	4000	29.5	0.0	0.0	0.0	52.8	4.0	-3.0	0.0	0.0	3.0	0.0	1.0	-28.3
83	17611903.94	4826255.31	7.50	1	N	8000	27.4	0.0	0.0	0.0	52.8	14.3	-3.0	0.0	0.0	3.0	0.0	1.0	-40.7
83	17611903.94	4826255.31	7.50	1	E	63	4.1	0.0	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	7.2	0.0	1.0	-53.9
83	17611903.94	4826255.31	7.50	1	E	125	14.2	0.0	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	6.5	0.0	1.0	-43.1
83	17611903.94	4826255.31	7.50	1	E	250	21.7	0.0	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	4.5	0.0	1.0	-33.8
83	17611903.94	4826255.31	7.50	1	E	500	27.1	0.0	0.0	0.0	52.8	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-26.9
83	17611903.94	4826255.31	7.50	1	E	1000	86.3	0.0	0.0	0.0	52.8	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	32.0
83	17611903.94	4826255.31	7.50	1	E	2000	31.5	0.0	0.0	0.0	52.8	1.2	-3.0	0.0	0.0	3.0	0.0	1.0	-23.5
83	17611903.94	4826255.31	7.50	1	E	4000	31.3	0.0	0.0	0.0	52.8	4.0	-3.0	0.0	0.0	3.0	0.0	1.0	-26.5
83	17611903.94	4826255.31	7.50	1	E	8000	29.2	0.0	0.0	0.0	52.8	14.3	-3.0	0.0	0.0	3.0	0.0	1.0	-38.9

Point Source, ISO 9613, Name: "AC9", ID: ""																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
89	17611900.19	4826250.72	7.50	0	D	32	-7.9	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-64.2
89	17611900.19	4826250.72	7.50	0	D	63	5.3	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-50.6
89	17611900.19	4826250.72	7.50	0	D	125	15.4	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	6.0	0.0	0.0	-39.6
89	17611900.19	4826250.72	7.50	0	D	250	22.9	0.0	0.0	0.0	51.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-29.1
89	17611900.19	4826250.72	7.50	0	D	500	28.3	0.0	0.0	0.0	51.9	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-23.8
89	17611900.19	4826250.72	7.50	0	D	1000	85.5	0.0	0.0	0.0	51.9	0.4	-3.0	0.0	0.0	3.0	0.0	0.0	33.2
89	17611900.19	4826250.72	7.50	0	D	2000	32.7	0.0	0.0	0.0	51.9	1.1	-3.0	0.0	0.0	3.0	0.0	0.0	-20.3
89	17611900.19	4826250.72	7.50	0	D	4000	32.5	0.0	0.0	0.0	51.9	3.6	-3.0	0.0	0.0	3.0	0.0	0.0	-23.1
89	17611900.19	4826250.72	7.50	0	D	8000	30.4	0.0	0.0	0.0	51.9	13.0	-3.0	0.0	0.0	3.0	0.0	0.0	-34.5
89	17611900.19	4826250.72	7.50	0	N	32	-10.9	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-67.2
89	17611900.19	4826250.72	7.50	0	N	63	2.3	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-53.6
89	17611900.19	4826250.72	7.50	0	N	125	12.4	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	6.0	0.0	0.0	-42.6
89	17611900.19	4826250.72	7.50	0	N	250	19.9	0.0	0.0	0.0	51.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-32.2
89	17611900.19	4826250.72	7.50	0	N	500	25.3	0.0	0.0	0.0	51.9	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-26.9
89	17611900.19	4826250.72	7.50	0	N	1000	82.5	0.0	0.0	0.0	51.9	0.4	-3.0	0.0	0.0	3.0	0.0	0.0	30.2
89	17611900.19	4826250.72	7.50	0	N	2000	29.7	0.0	0.0	0.0	51.9	1.1	-3.0	0.0	0.0	3.0	0.0	0.0	-23.3
89	17611900.19	4826250.72	7.50	0	N	4000	29.5	0.0	0.0	0.0	51.9	3.6	-3.0	0.0	0.0	3.0	0.0	0.0	-26.1
89	17611900.19	4826250.72	7.50	0	N	8000	27.4	0.0	0.0	0.0	51.9	13.0	-3.0	0.0	0.0	3.0	0.0	0.0	-37.6
89	17611900.19	4826250.72	7.50	0	E	32	-9.1	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-65.5
89	17611900.19	4826250.72	7.50	0	E	63	4.1	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-51.9
89	17611900.19	4826250.72	7.50	0	E	125	14.2	0.0	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	6.0	0.0	0.0	-40.8
89	17611900.19	4826250.72	7.50	0	E	250	21.7	0.0	0.0	0.0	51.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-30.4
89	17611900.19	4826250.72	7.50	0	E	500	27.1	0.0	0.0	0.0	51.9	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-25.1
89	17611900.19	4826250.72	7.50	0	E	1000	84.3	0.0	0.0	0.0	51.9	0.4	-3.0	0.0	0.0	3.0	0.0	0.0	31.9
89	17611900.19	4826250.72	7.50	0	E	2000	31.5	0.0	0.0	0.0	51.9	1.1	-3.0	0.0	0.0	3.0	0.0	0.0	-21.6
89	17611900.19	4826250.72	7.50	0	E	4000	31.3	0.0	0.0	0.0	51.9	3.6	-3.0	0.0	0.0	3.0	0.0	0.0	-24.3
89	17611900.19	4826250.72	7.50	0	E	8000	29.2	0.0	0.0	0.0	51.9	13.0	-3.0	0.0	0.0	3.0	0.0	0.0	-35.8
95	17611900.19	4826250.72	7.50	1	D	63	5.3	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	7.2	0.0	1.0	-53.0
95	17611900.19	4826250.72	7.50	1	D	125	15.4	0.0	0.0	0.0	53.2	0.1	-3.0	0.0	0.0	6.5	0.0	1.0	-42.3
95	17611900.19	4826250.72	7.50	1	D	250	22.9	0.0	0.0	0.0	53.2	0.1	-3.0	0.0	0.0	4.6	0.0	1.0	-33.0
95	17611900.19	4826250.72	7.50	1	D	500	28.3	0.0	0.0	0.0	53.2	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-26.1

Point Source, ISO 9613, Name: "AC9", ID: ""																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
95	17611900.19	4826250.72	7.50	1	D	1000	85.5	0.0	0.0	0.0	53.2	0.5	-3.0	0.0	0.0	3.0	0.0	1.0	30.9
95	17611900.19	4826250.72	7.50	1	D	2000	32.7	0.0	0.0	0.0	53.2	1.2	-3.0	0.0	0.0	3.0	0.0	1.0	-22.7
95	17611900.19	4826250.72	7.50	1	D	4000	32.5	0.0	0.0	0.0	53.2	4.2	-3.0	0.0	0.0	3.0	0.0	1.0	-25.9
95	17611900.19	4826250.72	7.50	1	D	8000	30.4	0.0	0.0	0.0	53.2	15.0	-3.0	0.0	0.0	3.0	0.0	1.0	-38.7
95	17611900.19	4826250.72	7.50	1	N	63	2.3	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	7.2	0.0	1.0	-56.0
95	17611900.19	4826250.72	7.50	1	N	125	12.4	0.0	0.0	0.0	53.2	0.1	-3.0	0.0	0.0	6.5	0.0	1.0	-45.3
95	17611900.19	4826250.72	7.50	1	N	250	19.9	0.0	0.0	0.0	53.2	0.1	-3.0	0.0	0.0	4.6	0.0	1.0	-36.0
95	17611900.19	4826250.72	7.50	1	N	500	25.3	0.0	0.0	0.0	53.2	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-29.1
95	17611900.19	4826250.72	7.50	1	N	1000	82.5	0.0	0.0	0.0	53.2	0.5	-3.0	0.0	0.0	3.0	0.0	1.0	27.9
95	17611900.19	4826250.72	7.50	1	N	2000	29.7	0.0	0.0	0.0	53.2	1.2	-3.0	0.0	0.0	3.0	0.0	1.0	-25.7
95	17611900.19	4826250.72	7.50	1	N	4000	29.5	0.0	0.0	0.0	53.2	4.2	-3.0	0.0	0.0	3.0	0.0	1.0	-28.9
95	17611900.19	4826250.72	7.50	1	N	8000	27.4	0.0	0.0	0.0	53.2	15.0	-3.0	0.0	0.0	3.0	0.0	1.0	-41.8
95	17611900.19	4826250.72	7.50	1	E	63	4.1	0.0	0.0	0.0	53.2	0.0	-3.0	0.0	0.0	7.2	0.0	1.0	-54.3
95	17611900.19	4826250.72	7.50	1	E	125	14.2	0.0	0.0	0.0	53.2	0.1	-3.0	0.0	0.0	6.5	0.0	1.0	-43.5
95	17611900.19	4826250.72	7.50	1	E	250	21.7	0.0	0.0	0.0	53.2	0.1	-3.0	0.0	0.0	4.6	0.0	1.0	-34.2
95	17611900.19	4826250.72	7.50	1	E	500	27.1	0.0	0.0	0.0	53.2	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-27.4
95	17611900.19	4826250.72	7.50	1	E	1000	84.3	0.0	0.0	0.0	53.2	0.5	-3.0	0.0	0.0	3.0	0.0	1.0	29.6
95	17611900.19	4826250.72	7.50	1	E	2000	31.5	0.0	0.0	0.0	53.2	1.2	-3.0	0.0	0.0	3.0	0.0	1.0	-23.9
95	17611900.19	4826250.72	7.50	1	E	4000	31.3	0.0	0.0	0.0	53.2	4.2	-3.0	0.0	0.0	3.0	0.0	1.0	-27.1
95	17611900.19	4826250.72	7.50	1	E	8000	29.2	0.0	0.0	0.0	53.2	15.0	-3.0	0.0	0.0	3.0	0.0	1.0	-40.0

Point Source, ISO 9613, Name: "EX3", ID: "EX3"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
266	17611887.60	4826265.89	7.50	0	DEN	32	-21.9	0.0	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-77.5
266	17611887.60	4826265.89	7.50	0	DEN	63	-8.7	0.0	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-63.7
266	17611887.60	4826265.89	7.50	0	DEN	125	1.4	0.0	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-52.3
266	17611887.60	4826265.89	7.50	0	DEN	250	8.9	0.0	0.0	0.0	51.3	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-42.5
266	17611887.60	4826265.89	7.50	0	DEN	500	14.3	0.0	0.0	0.0	51.3	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-37.2
266	17611887.60	4826265.89	7.50	0	DEN	1000	81.5	0.0	0.0	0.0	51.3	0.4	-3.0	0.0	0.0	3.0	0.0	0.0	29.8
266	17611887.60	4826265.89	7.50	0	DEN	2000	18.7	0.0	0.0	0.0	51.3	1.0	-3.0	0.0	0.0	3.0	0.0	0.0	-33.6
266	17611887.60	4826265.89	7.50	0	DEN	4000	18.5	0.0	0.0	0.0	51.3	3.4	-3.0	0.0	0.0	3.0	0.0	0.0	-36.2
266	17611887.60	4826265.89	7.50	0	DEN	8000	16.4	0.0	0.0	0.0	51.3	12.1	-3.0	0.0	0.0	3.0	0.0	0.0	-47.0
269	17611887.60	4826265.89	7.50	1	DEN	32	-21.9	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	7.4	0.0	1.0	-80.0
269	17611887.60	4826265.89	7.50	1	DEN	63	-8.7	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-66.4
269	17611887.60	4826265.89	7.50	1	DEN	125	1.4	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	6.2	0.0	1.0	-55.5
269	17611887.60	4826265.89	7.50	1	DEN	250	8.9	0.0	0.0	0.0	52.7	0.1	-3.0	0.0	0.0	3.7	0.0	1.0	-45.6
269	17611887.60	4826265.89	7.50	1	DEN	500	14.3	0.0	0.0	0.0	52.7	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-39.6
269	17611887.60	4826265.89	7.50	1	DEN	1000	81.5	0.0	0.0	0.0	52.7	0.4	-3.0	0.0	0.0	3.0	0.0	1.0	27.4
269	17611887.60	4826265.89	7.50	1	DEN	2000	18.7	0.0	0.0	0.0	52.7	1.2	-3.0	0.0	0.0	3.0	0.0	1.0	-36.1
269	17611887.60	4826265.89	7.50	1	DEN	4000	18.5	0.0	0.0	0.0	52.7	4.0	-3.0	0.0	0.0	3.0	0.0	1.0	-39.1
269	17611887.60	4826265.89	7.50	1	DEN	8000	16.4	0.0	0.0	0.0	52.7	14.2	-3.0	0.0	0.0	3.0	0.0	1.0	-51.4

Point Source, ISO 9613, Name: "CU3", ID: "CU3"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
300	17611893.35	4826258.73	7.50	0	D	32	-21.9	0.0	0.0	0.0	51.6	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-77.8
300	17611893.35	4826258.73	7.50	0	D	63	-8.7	0.0	0.0	0.0	51.6	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-64.0
300	17611893.35	4826258.73	7.50	0	D	125	1.4	0.0	0.0	0.0	51.6	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-52.6
300	17611893.35	4826258.73	7.50	0	D	250	8.9	0.0	0.0	0.0	51.6	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-42.8
300	17611893.35	4826258.73	7.50	0	D	500	14.3	0.0	0.0	0.0	51.6	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-37.5
300	17611893.35	4826258.73	7.50	0	D	1000	81.5	0.0	0.0	0.0	51.6	0.4	-3.0	0.0	0.0	3.0	0.0	0.0	29.6
300	17611893.35	4826258.73	7.50	0	D	2000	18.7	0.0	0.0	0.0	51.6	1.0	-3.0	0.0	0.0	3.0	0.0	0.0	-33.9
300	17611893.35	4826258.73	7.50	0	D	4000	18.5	0.0	0.0	0.0	51.6	3.5	-3.0	0.0	0.0	3.0	0.0	0.0	-36.6
300	17611893.35	4826258.73	7.50	0	D	8000	16.4	0.0	0.0	0.0	51.6	12.5	-3.0	0.0	0.0	3.0	0.0	0.0	-47.7
300	17611893.35	4826258.73	7.50	0	N	32	-24.9	0.0	0.0	0.0	51.6	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-80.8
300	17611893.35	4826258.73	7.50	0	N	63	-11.7	0.0	0.0	0.0	51.6	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-67.0
300	17611893.35	4826258.73	7.50	0	N	125	-1.6	0.0	0.0	0.0	51.6	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-55.6
300	17611893.35	4826258.73	7.50	0	N	250	5.9	0.0	0.0	0.0	51.6	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-45.8
300	17611893.35	4826258.73	7.50	0	N	500	11.3	0.0	0.0	0.0	51.6	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-40.5
300	17611893.35	4826258.73	7.50	0	N	1000	78.5	0.0	0.0	0.0	51.6	0.4	-3.0	0.0	0.0	3.0	0.0	0.0	26.5
300	17611893.35	4826258.73	7.50	0	N	2000	15.7	0.0	0.0	0.0	51.6	1.0	-3.0	0.0	0.0	3.0	0.0	0.0	-36.9
300	17611893.35	4826258.73	7.50	0	N	4000	15.5	0.0	0.0	0.0	51.6	3.5	-3.0	0.0	0.0	3.0	0.0	0.0	-39.6

Point Source, ISO 9613, Name: "CU3", ID: "CU3"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
300	17611893.35	4826258.73	7.50	0	N	8000	13.4	0.0	0.0	0.0	51.6	12.5	-3.0	0.0	0.0	3.0	0.0	0.0	-50.7
300	17611893.35	4826258.73	7.50	0	E	32	-23.1	0.0	0.0	0.0	51.6	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-79.0
300	17611893.35	4826258.73	7.50	0	E	63	-9.9	0.0	0.0	0.0	51.6	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-65.3
300	17611893.35	4826258.73	7.50	0	E	125	0.2	0.0	0.0	0.0	51.6	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-53.9
300	17611893.35	4826258.73	7.50	0	E	250	7.7	0.0	0.0	0.0	51.6	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-44.0
300	17611893.35	4826258.73	7.50	0	E	500	13.1	0.0	0.0	0.0	51.6	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	-38.7
300	17611893.35	4826258.73	7.50	0	E	1000	80.3	0.0	0.0	0.0	51.6	0.4	-3.0	0.0	0.0	3.0	0.0	0.0	28.3
300	17611893.35	4826258.73	7.50	0	E	2000	17.5	0.0	0.0	0.0	51.6	1.0	-3.0	0.0	0.0	3.0	0.0	0.0	-35.1
300	17611893.35	4826258.73	7.50	0	E	4000	17.3	0.0	0.0	0.0	51.6	3.5	-3.0	0.0	0.0	3.0	0.0	0.0	-37.8
300	17611893.35	4826258.73	7.50	0	E	8000	15.2	0.0	0.0	0.0	51.6	12.5	-3.0	0.0	0.0	3.0	0.0	0.0	-48.9
303	17611893.35	4826258.73	7.50	1	D	63	-8.7	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-66.7
303	17611893.35	4826258.73	7.50	1	D	125	1.4	0.0	0.0	0.0	52.9	0.1	-3.0	0.0	0.0	6.4	0.0	1.0	-55.9
303	17611893.35	4826258.73	7.50	1	D	250	8.9	0.0	0.0	0.0	52.9	0.1	-3.0	0.0	0.0	4.5	0.0	1.0	-46.6
303	17611893.35	4826258.73	7.50	1	D	500	14.3	0.0	0.0	0.0	52.9	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-39.8
303	17611893.35	4826258.73	7.50	1	D	1000	81.5	0.0	0.0	0.0	52.9	0.5	-3.0	0.0	0.0	3.0	0.0	1.0	27.2
303	17611893.35	4826258.73	7.50	1	D	2000	18.7	0.0	0.0	0.0	52.9	1.2	-3.0	0.0	0.0	3.0	0.0	1.0	-36.4
303	17611893.35	4826258.73	7.50	1	D	4000	18.5	0.0	0.0	0.0	52.9	4.1	-3.0	0.0	0.0	3.0	0.0	1.0	-39.4
303	17611893.35	4826258.73	7.50	1	D	8000	16.4	0.0	0.0	0.0	52.9	14.5	-3.0	0.0	0.0	3.0	0.0	1.0	-52.0
303	17611893.35	4826258.73	7.50	1	N	63	-11.7	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-69.7
303	17611893.35	4826258.73	7.50	1	N	125	-1.6	0.0	0.0	0.0	52.9	0.1	-3.0	0.0	0.0	6.4	0.0	1.0	-59.0
303	17611893.35	4826258.73	7.50	1	N	250	5.9	0.0	0.0	0.0	52.9	0.1	-3.0	0.0	0.0	4.5	0.0	1.0	-49.6
303	17611893.35	4826258.73	7.50	1	N	500	11.3	0.0	0.0	0.0	52.9	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-42.8
303	17611893.35	4826258.73	7.50	1	N	1000	78.5	0.0	0.0	0.0	52.9	0.5	-3.0	0.0	0.0	3.0	0.0	1.0	24.2
303	17611893.35	4826258.73	7.50	1	N	2000	15.7	0.0	0.0	0.0	52.9	1.2	-3.0	0.0	0.0	3.0	0.0	1.0	-39.4
303	17611893.35	4826258.73	7.50	1	N	4000	15.5	0.0	0.0	0.0	52.9	4.1	-3.0	0.0	0.0	3.0	0.0	1.0	-42.4
303	17611893.35	4826258.73	7.50	1	N	8000	13.4	0.0	0.0	0.0	52.9	14.5	-3.0	0.0	0.0	3.0	0.0	1.0	-55.0
303	17611893.35	4826258.73	7.50	1	E	63	-9.9	0.0	0.0	0.0	52.9	0.0	-3.0	0.0	0.0	7.1	0.0	1.0	-68.0
303	17611893.35	4826258.73	7.50	1	E	125	0.2	0.0	0.0	0.0	52.9	0.1	-3.0	0.0	0.0	6.4	0.0	1.0	-57.2
303	17611893.35	4826258.73	7.50	1	E	250	7.7	0.0	0.0	0.0	52.9	0.1	-3.0	0.0	0.0	4.5	0.0	1.0	-47.8
303	17611893.35	4826258.73	7.50	1	E	500	13.1	0.0	0.0	0.0	52.9	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-41.1
303	17611893.35	4826258.73	7.50	1	E	1000	80.3	0.0	0.0	0.0	52.9	0.5	-3.0	0.0	0.0	3.0	0.0	1.0	25.9
303	17611893.35	4826258.73	7.50	1	E	2000	17.5	0.0	0.0	0.0	52.9	1.2	-3.0	0.0	0.0	3.0	0.0	1.0	-37.6
303	17611893.35	4826258.73	7.50	1	E	4000	17.3	0.0	0.0	0.0	52.9	4.1	-3.0	0.0	0.0	3.0	0.0	1.0	-40.7
303	17611893.35	4826258.73	7.50	1	E	8000	15.2	0.0	0.0	0.0	52.9	14.5	-3.0	0.0	0.0	3.0	0.0	1.0	-53.2

Point Source, ISO 9613, Name: "AC2", ID: "AC2"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
315	17611917.57	4826299.62	7.50	0	D	32	-7.9	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-58.6
315	17611917.57	4826299.62	7.50	0	D	63	5.3	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	6.5	0.0	0.0	-44.7
315	17611917.57	4826299.62	7.50	0	D	125	15.4	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	4.8	0.0	0.0	-32.9
315	17611917.57	4826299.62	7.50	0	D	250	22.9	0.0	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-23.7
315	17611917.57	4826299.62	7.50	0	D	500	28.3	0.0	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-18.3
315	17611917.57	4826299.62	7.50	0	D	1000	75.5	0.0	0.0	0.0	46.5	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	28.8
315	17611917.57	4826299.62	7.50	0	D	2000	32.7	0.0	0.0	0.0	46.5	0.6	-3.0	0.0	0.0	3.0	0.0	0.0	-14.4
315	17611917.57	4826299.62	7.50	0	D	4000	32.5	0.0	0.0	0.0	46.5	2.0	-3.0	0.0	0.0	3.0	0.0	0.0	-16.0
315	17611917.57	4826299.62	7.50	0	D	8000	30.4	0.0	0.0	0.0	46.5	7.0	-3.0	0.0	0.0	3.0	0.0	0.0	-23.1
315	17611917.57	4826299.62	7.50	0	N	32	-10.9	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-61.6
315	17611917.57	4826299.62	7.50	0	N	63	2.3	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	6.5	0.0	0.0	-47.7
315	17611917.57	4826299.62	7.50	0	N	125	12.4	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	4.8	0.0	0.0	-35.9
315	17611917.57	4826299.62	7.50	0	N	250	19.9	0.0	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-26.7
315	17611917.57	4826299.62	7.50	0	N	500	25.3	0.0	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-21.3
315	17611917.57	4826299.62	7.50	0	N	1000	72.5	0.0	0.0	0.0	46.5	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	25.8
315	17611917.57	4826299.62	7.50	0	N	2000	29.7	0.0	0.0	0.0	46.5	0.6	-3.0	0.0	0.0	3.0	0.0	0.0	-17.4
315	17611917.57	4826299.62	7.50	0	N	4000	29.5	0.0	0.0	0.0	46.5	2.0	-3.0	0.0	0.0	3.0	0.0	0.0	-19.0
315	17611917.57	4826299.62	7.50	0	N	8000	27.4	0.0	0.0	0.0	46.5	7.0	-3.0	0.0	0.0	3.0	0.0	0.0	-26.1
315	17611917.57	4826299.62	7.50	0	E	32	-9.1	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-59.8
315	17611917.57	4826299.62	7.50	0	E	63	4.1	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	6.5	0.0	0.0	-46.0
315	17611917.57	4826299.62	7.50	0	E	125	14.2	0.0	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	4.8	0.0	0.0	-34.2
315	17611917.57	4826299.62	7.50	0	E	250	21.7	0.0	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-24.9
315	17611917.57	4826299.62	7.50	0	E	500	27.1	0.0	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-19.6
315	17611917.57	4826299.62	7.50	0	E	1000	74.3	0.0	0.0	0.0	46.5	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	27.5
315	17611917.57	4826299.62	7.50	0	E	2000	31.5	0.0	0.0	0.0	46.5	0.6	-3.0	0.0	0.0	3.0	0.0	0.0	-15.6

Point Source, ISO 9613, Name: "AC2", ID: "AC2"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
315	17611917.57	4826299.62	7.50	0	E	4000	31.3	0.0	0.0	0.0	46.5	2.0	-3.0	0.0	0.0	3.0	0.0	0.0	-17.2
315	17611917.57	4826299.62	7.50	0	E	8000	29.2	0.0	0.0	0.0	46.5	7.0	-3.0	0.0	0.0	3.0	0.0	0.0	-24.3
324	17611917.57	4826299.62	7.50	1	D	32	-7.9	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	6.9	0.0	1.0	-61.5
324	17611917.57	4826299.62	7.50	1	D	63	5.3	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	5.9	0.0	1.0	-47.3
324	17611917.57	4826299.62	7.50	1	D	125	15.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	3.0	0.0	1.0	-34.3
324	17611917.57	4826299.62	7.50	1	D	250	22.9	0.0	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-26.9
324	17611917.57	4826299.62	7.50	1	D	500	28.3	0.0	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-21.5
324	17611917.57	4826299.62	7.50	1	D	1000	75.5	0.0	0.0	0.0	48.7	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	25.5
324	17611917.57	4826299.62	7.50	1	D	2000	32.7	0.0	0.0	0.0	48.7	0.7	-3.0	0.0	0.0	3.0	0.0	1.0	-17.7
324	17611917.57	4826299.62	7.50	1	D	4000	32.5	0.0	0.0	0.0	48.7	2.5	-3.0	0.0	0.0	3.0	0.0	1.0	-19.7
324	17611917.57	4826299.62	7.50	1	D	8000	30.4	0.0	0.0	0.0	48.7	9.0	-3.0	0.0	0.0	3.0	0.0	1.0	-28.3
324	17611917.57	4826299.62	7.50	1	N	32	-10.9	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	6.9	0.0	1.0	-64.5
324	17611917.57	4826299.62	7.50	1	N	63	2.3	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	5.9	0.0	1.0	-50.3
324	17611917.57	4826299.62	7.50	1	N	125	12.4	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	3.0	0.0	1.0	-37.3
324	17611917.57	4826299.62	7.50	1	N	250	19.9	0.0	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-29.9
324	17611917.57	4826299.62	7.50	1	N	500	25.3	0.0	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-24.6
324	17611917.57	4826299.62	7.50	1	N	1000	72.5	0.0	0.0	0.0	48.7	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	22.5
324	17611917.57	4826299.62	7.50	1	N	2000	29.7	0.0	0.0	0.0	48.7	0.7	-3.0	0.0	0.0	3.0	0.0	1.0	-20.8
324	17611917.57	4826299.62	7.50	1	N	4000	29.5	0.0	0.0	0.0	48.7	2.5	-3.0	0.0	0.0	3.0	0.0	1.0	-22.7
324	17611917.57	4826299.62	7.50	1	N	8000	27.4	0.0	0.0	0.0	48.7	9.0	-3.0	0.0	0.0	3.0	0.0	1.0	-31.3
324	17611917.57	4826299.62	7.50	1	E	32	-9.1	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	6.9	0.0	1.0	-62.8
324	17611917.57	4826299.62	7.50	1	E	63	4.1	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	5.9	0.0	1.0	-48.5
324	17611917.57	4826299.62	7.50	1	E	125	14.2	0.0	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	3.0	0.0	1.0	-35.6
324	17611917.57	4826299.62	7.50	1	E	250	21.7	0.0	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-28.1
324	17611917.57	4826299.62	7.50	1	E	500	27.1	0.0	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-22.8
324	17611917.57	4826299.62	7.50	1	E	1000	74.3	0.0	0.0	0.0	48.7	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	24.3
324	17611917.57	4826299.62	7.50	1	E	2000	31.5	0.0	0.0	0.0	48.7	0.7	-3.0	0.0	0.0	3.0	0.0	1.0	-19.0
324	17611917.57	4826299.62	7.50	1	E	4000	31.3	0.0	0.0	0.0	48.7	2.5	-3.0	0.0	0.0	3.0	0.0	1.0	-21.0
324	17611917.57	4826299.62	7.50	1	E	8000	29.2	0.0	0.0	0.0	48.7	9.0	-3.0	0.0	0.0	3.0	0.0	1.0	-29.5

Point Source, ISO 9613, Name: "AC4", ID: "AC4"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
328	17611918.89	4826289.38	7.50	0	D	32	-7.9	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-59.9
328	17611918.89	4826289.38	7.50	0	D	63	5.3	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	6.6	0.0	0.0	-46.1
328	17611918.89	4826289.38	7.50	0	D	125	15.4	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	5.1	0.0	0.0	-34.5
328	17611918.89	4826289.38	7.50	0	D	250	22.9	0.0	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-24.9
328	17611918.89	4826289.38	7.50	0	D	500	28.3	0.0	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-19.5
328	17611918.89	4826289.38	7.50	0	D	1000	76.5	0.0	0.0	0.0	47.7	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	28.5
328	17611918.89	4826289.38	7.50	0	D	2000	32.7	0.0	0.0	0.0	47.7	0.7	-3.0	0.0	0.0	3.0	0.0	0.0	-15.7
328	17611918.89	4826289.38	7.50	0	D	4000	32.5	0.0	0.0	0.0	47.7	2.2	-3.0	0.0	0.0	3.0	0.0	0.0	-17.5
328	17611918.89	4826289.38	7.50	0	D	8000	30.4	0.0	0.0	0.0	47.7	8.0	-3.0	0.0	0.0	3.0	0.0	0.0	-25.3
328	17611918.89	4826289.38	7.50	0	N	32	-10.9	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-62.9
328	17611918.89	4826289.38	7.50	0	N	63	2.3	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	6.6	0.0	0.0	-49.1
328	17611918.89	4826289.38	7.50	0	N	125	12.4	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	5.1	0.0	0.0	-37.5
328	17611918.89	4826289.38	7.50	0	N	250	19.9	0.0	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-27.9
328	17611918.89	4826289.38	7.50	0	N	500	25.3	0.0	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-22.6
328	17611918.89	4826289.38	7.50	0	N	1000	73.5	0.0	0.0	0.0	47.7	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	25.5
328	17611918.89	4826289.38	7.50	0	N	2000	29.7	0.0	0.0	0.0	47.7	0.7	-3.0	0.0	0.0	3.0	0.0	0.0	-18.7
328	17611918.89	4826289.38	7.50	0	N	4000	29.5	0.0	0.0	0.0	47.7	2.2	-3.0	0.0	0.0	3.0	0.0	0.0	-20.5
328	17611918.89	4826289.38	7.50	0	N	8000	27.4	0.0	0.0	0.0	47.7	8.0	-3.0	0.0	0.0	3.0	0.0	0.0	-28.3
328	17611918.89	4826289.38	7.50	0	E	32	-9.1	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-61.1
328	17611918.89	4826289.38	7.50	0	E	63	4.1	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	6.6	0.0	0.0	-47.3
328	17611918.89	4826289.38	7.50	0	E	125	14.2	0.0	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	5.1	0.0	0.0	-35.7
328	17611918.89	4826289.38	7.50	0	E	250	21.7	0.0	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-26.1
328	17611918.89	4826289.38	7.50	0	E	500	27.1	0.0	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-20.8
328	17611918.89	4826289.38	7.50	0	E	1000	75.3	0.0	0.0	0.0	47.7	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	27.3
328	17611918.89	4826289.38	7.50	0	E	2000	31.5	0.0	0.0	0.0	47.7	0.7	-3.0	0.0	0.0	3.0	0.0	0.0	-16.9
328	17611918.89	4826289.38	7.50	0	E	4000	31.3	0.0	0.0	0.0	47.7	2.2	-3.0	0.0	0.0	3.0	0.0	0.0	-18.7
328	17611918.89	4826289.38	7.50	0	E	8000	29.2	0.0	0.0	0.0	47.7	8.0	-3.0	0.0	0.0	3.0	0.0	0.0	-26.6
332	17611918.89	4826289.38	7.50	1	D	63	5.3	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	6.8	0.0	1.0	-49.1
332	17611918.89	4826289.38	7.50	1	D	125	15.4	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	5.6	0.0	1.0	-37.8
332	17611918.89	4826289.38	7.50	1	D	250	22.9	0.0	0.0	0.0	49.6	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-27.8

Sample Calculation: Rc Unmitigated

Point Source, ISO 9613, Name: "AC4", ID: "AC4"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
332	17611918.89	4826289.38	7.50	1	D	500	28.3	0.0	0.0	0.0	49.6	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-22.5
332	17611918.89	4826289.38	7.50	1	D	1000	76.5	0.0	0.0	0.0	49.6	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	25.6
332	17611918.89	4826289.38	7.50	1	D	2000	32.7	0.0	0.0	0.0	49.6	0.8	-3.0	0.0	0.0	3.0	0.0	1.0	-18.7
332	17611918.89	4826289.38	7.50	1	D	4000	32.5	0.0	0.0	0.0	49.6	2.8	-3.0	0.0	0.0	3.0	0.0	1.0	-20.9
332	17611918.89	4826289.38	7.50	1	D	8000	30.4	0.0	0.0	0.0	49.6	10.0	-3.0	0.0	0.0	3.0	0.0	1.0	-30.2
332	17611918.89	4826289.38	7.50	1	N	63	2.3	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	6.8	0.0	1.0	-52.1
332	17611918.89	4826289.38	7.50	1	N	125	12.4	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	5.6	0.0	1.0	-40.8
332	17611918.89	4826289.38	7.50	1	N	250	19.9	0.0	0.0	0.0	49.6	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-30.8
332	17611918.89	4826289.38	7.50	1	N	500	25.3	0.0	0.0	0.0	49.6	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-25.5
332	17611918.89	4826289.38	7.50	1	N	1000	73.5	0.0	0.0	0.0	49.6	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	22.6
332	17611918.89	4826289.38	7.50	1	N	2000	29.7	0.0	0.0	0.0	49.6	0.8	-3.0	0.0	0.0	3.0	0.0	1.0	-21.8
332	17611918.89	4826289.38	7.50	1	N	4000	29.5	0.0	0.0	0.0	49.6	2.8	-3.0	0.0	0.0	3.0	0.0	1.0	-23.9
332	17611918.89	4826289.38	7.50	1	N	8000	27.4	0.0	0.0	0.0	49.6	10.0	-3.0	0.0	0.0	3.0	0.0	1.0	-33.2
332	17611918.89	4826289.38	7.50	1	E	63	4.1	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	6.8	0.0	1.0	-50.4
332	17611918.89	4826289.38	7.50	1	E	125	14.2	0.0	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	5.6	0.0	1.0	-39.1
332	17611918.89	4826289.38	7.50	1	E	250	21.7	0.0	0.0	0.0	49.6	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-29.1
332	17611918.89	4826289.38	7.50	1	E	500	27.1	0.0	0.0	0.0	49.6	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-23.7
332	17611918.89	4826289.38	7.50	1	E	1000	75.3	0.0	0.0	0.0	49.6	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	24.3
332	17611918.89	4826289.38	7.50	1	E	2000	31.5	0.0	0.0	0.0	49.6	0.8	-3.0	0.0	0.0	3.0	0.0	1.0	-20.0
332	17611918.89	4826289.38	7.50	1	E	4000	31.3	0.0	0.0	0.0	49.6	2.8	-3.0	0.0	0.0	3.0	0.0	1.0	-22.2
332	17611918.89	4826289.38	7.50	1	E	8000	29.2	0.0	0.0	0.0	49.6	10.0	-3.0	0.0	0.0	3.0	0.0	1.0	-31.4

Point Source, ISO 9613, Name: "AC3", ID: "AC3"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
423	17611915.58	4826297.62	7.50	0	D	32	-7.9	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-59.0
423	17611915.58	4826297.62	7.50	0	D	63	5.3	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	6.6	0.0	0.0	-45.2
423	17611915.58	4826297.62	7.50	0	D	125	15.4	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	5.0	0.0	0.0	-33.5
423	17611915.58	4826297.62	7.50	0	D	250	22.9	0.0	0.0	0.0	46.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-24.0
423	17611915.58	4826297.62	7.50	0	D	500	28.3	0.0	0.0	0.0	46.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-18.7
423	17611915.58	4826297.62	7.50	0	D	1000	75.5	0.0	0.0	0.0	46.9	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	28.4
423	17611915.58	4826297.62	7.50	0	D	2000	32.7	0.0	0.0	0.0	46.9	0.6	-3.0	0.0	0.0	3.0	0.0	0.0	-14.8
423	17611915.58	4826297.62	7.50	0	D	4000	32.5	0.0	0.0	0.0	46.9	2.0	-3.0	0.0	0.0	3.0	0.0	0.0	-16.4
423	17611915.58	4826297.62	7.50	0	D	8000	30.4	0.0	0.0	0.0	46.9	7.3	-3.0	0.0	0.0	3.0	0.0	0.0	-23.8
423	17611915.58	4826297.62	7.50	0	N	32	-10.9	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-62.0
423	17611915.58	4826297.62	7.50	0	N	63	2.3	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	6.6	0.0	0.0	-48.2
423	17611915.58	4826297.62	7.50	0	N	125	12.4	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	5.0	0.0	0.0	-36.5
423	17611915.58	4826297.62	7.50	0	N	250	19.9	0.0	0.0	0.0	46.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-27.1
423	17611915.58	4826297.62	7.50	0	N	500	25.3	0.0	0.0	0.0	46.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-21.7
423	17611915.58	4826297.62	7.50	0	N	1000	72.5	0.0	0.0	0.0	46.9	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	25.4
423	17611915.58	4826297.62	7.50	0	N	2000	29.7	0.0	0.0	0.0	46.9	0.6	-3.0	0.0	0.0	3.0	0.0	0.0	-17.8
423	17611915.58	4826297.62	7.50	0	N	4000	29.5	0.0	0.0	0.0	46.9	2.0	-3.0	0.0	0.0	3.0	0.0	0.0	-19.4
423	17611915.58	4826297.62	7.50	0	N	8000	27.4	0.0	0.0	0.0	46.9	7.3	-3.0	0.0	0.0	3.0	0.0	0.0	-26.8
423	17611915.58	4826297.62	7.50	0	E	32	-9.1	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-60.2
423	17611915.58	4826297.62	7.50	0	E	63	4.1	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	6.6	0.0	0.0	-46.4
423	17611915.58	4826297.62	7.50	0	E	125	14.2	0.0	0.0	0.0	46.9	0.0	-3.0	0.0	0.0	5.0	0.0	0.0	-34.7
423	17611915.58	4826297.62	7.50	0	E	250	21.7	0.0	0.0	0.0	46.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-25.3
423	17611915.58	4826297.62	7.50	0	E	500	27.1	0.0	0.0	0.0	46.9	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-19.9
423	17611915.58	4826297.62	7.50	0	E	1000	74.3	0.0	0.0	0.0	46.9	0.2	-3.0	0.0	0.0	3.0	0.0	0.0	27.1
423	17611915.58	4826297.62	7.50	0	E	2000	31.5	0.0	0.0	0.0	46.9	0.6	-3.0	0.0	0.0	3.0	0.0	0.0	-16.0
423	17611915.58	4826297.62	7.50	0	E	4000	31.3	0.0	0.0	0.0	46.9	2.0	-3.0	0.0	0.0	3.0	0.0	0.0	-17.7
423	17611915.58	4826297.62	7.50	0	E	8000	29.2	0.0	0.0	0.0	46.9	7.3	-3.0	0.0	0.0	3.0	0.0	0.0	-25.0
432	17611915.58	4826297.62	7.50	1	D	32	-7.9	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	7.3	0.0	1.0	-62.2
432	17611915.58	4826297.62	7.50	1	D	63	5.3	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	6.9	0.0	1.0	-48.6
432	17611915.58	4826297.62	7.50	1	D	125	15.4	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	5.7	0.0	1.0	-37.4
432	17611915.58	4826297.62	7.50	1	D	250	22.9	0.0	0.0	0.0	49.0	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-27.2
432	17611915.58	4826297.62	7.50	1	D	500	28.3	0.0	0.0	0.0	49.0	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-21.9
432	17611915.58	4826297.62	7.50	1	D	1000	75.5	0.0	0.0	0.0	49.0	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	25.2
432	17611915.58	4826297.62	7.50	1	D	2000	32.7	0.0	0.0	0.0	49.0	0.8	-3.0	0.0	0.0	3.0	0.0	1.0	-18.1
432	17611915.58	4826297.62	7.50	1	D	4000	32.5	0.0	0.0	0.0	49.0	2.6	-3.0	0.0	0.0	3.0	0.0	1.0	-20.1
432	17611915.58	4826297.62	7.50	1	D	8000	30.4	0.0	0.0	0.0	49.0	9.3	-3.0	0.0	0.0	3.0	0.0	1.0	-28.9
432	17611915.58	4826297.62	7.50	1	N	32	-10.9	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	7.3	0.0	1.0	-65.3
432	17611915.58	4826297.62	7.50	1	N	63	2.3	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	6.9	0.0	1.0	-51.6

Point Source, ISO 9613, Name: "AC3", ID: "AC3"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
432	17611915.58	4826297.62	7.50	1	N	125	12.4	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	5.7	0.0	1.0	-40.4
432	17611915.58	4826297.62	7.50	1	N	250	19.9	0.0	0.0	0.0	49.0	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-30.2
432	17611915.58	4826297.62	7.50	1	N	500	25.3	0.0	0.0	0.0	49.0	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-24.9
432	17611915.58	4826297.62	7.50	1	N	1000	72.5	0.0	0.0	0.0	49.0	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	22.2
432	17611915.58	4826297.62	7.50	1	N	2000	29.7	0.0	0.0	0.0	49.0	0.8	-3.0	0.0	0.0	3.0	0.0	1.0	-21.1
432	17611915.58	4826297.62	7.50	1	N	4000	29.5	0.0	0.0	0.0	49.0	2.6	-3.0	0.0	0.0	3.0	0.0	1.0	-23.1
432	17611915.58	4826297.62	7.50	1	N	8000	27.4	0.0	0.0	0.0	49.0	9.3	-3.0	0.0	0.0	3.0	0.0	1.0	-31.9
432	17611915.58	4826297.62	7.50	1	E	32	-9.1	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	7.3	0.0	1.0	-63.5
432	17611915.58	4826297.62	7.50	1	E	63	4.1	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	6.9	0.0	1.0	-49.8
432	17611915.58	4826297.62	7.50	1	E	125	14.2	0.0	0.0	0.0	49.0	0.0	-3.0	0.0	0.0	5.7	0.0	1.0	-38.6
432	17611915.58	4826297.62	7.50	1	E	250	21.7	0.0	0.0	0.0	49.0	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-28.4
432	17611915.58	4826297.62	7.50	1	E	500	27.1	0.0	0.0	0.0	49.0	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-23.1
432	17611915.58	4826297.62	7.50	1	E	1000	74.3	0.0	0.0	0.0	49.0	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	24.0
432	17611915.58	4826297.62	7.50	1	E	2000	31.5	0.0	0.0	0.0	49.0	0.8	-3.0	0.0	0.0	3.0	0.0	1.0	-19.3
432	17611915.58	4826297.62	7.50	1	E	4000	31.3	0.0	0.0	0.0	49.0	2.6	-3.0	0.0	0.0	3.0	0.0	1.0	-21.4
432	17611915.58	4826297.62	7.50	1	E	8000	29.2	0.0	0.0	0.0	49.0	9.3	-3.0	0.0	0.0	3.0	0.0	1.0	-30.1

Point Source, ISO 9613, Name: "AC5", ID: "AC5"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
437	17611909.23	4826292.90	7.50	0	D	32	-7.9	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-60.0
437	17611909.23	4826292.90	7.50	0	D	63	5.3	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-46.2
437	17611909.23	4826292.90	7.50	0	D	125	15.4	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	5.2	0.0	0.0	-34.7
437	17611909.23	4826292.90	7.50	0	D	250	22.9	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-25.0
437	17611909.23	4826292.90	7.50	0	D	500	28.3	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-19.6
437	17611909.23	4826292.90	7.50	0	D	1000	75.5	0.0	0.0	0.0	47.8	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	27.4
437	17611909.23	4826292.90	7.50	0	D	2000	32.7	0.0	0.0	0.0	47.8	0.7	-3.0	0.0	0.0	3.0	0.0	0.0	-15.8
437	17611909.23	4826292.90	7.50	0	D	4000	32.5	0.0	0.0	0.0	47.8	2.3	-3.0	0.0	0.0	3.0	0.0	0.0	-17.6
437	17611909.23	4826292.90	7.50	0	D	8000	30.4	0.0	0.0	0.0	47.8	8.1	-3.0	0.0	0.0	3.0	0.0	0.0	-25.5
437	17611909.23	4826292.90	7.50	0	N	32	-10.9	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-63.0
437	17611909.23	4826292.90	7.50	0	N	63	2.3	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-49.2
437	17611909.23	4826292.90	7.50	0	N	125	12.4	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	5.2	0.0	0.0	-37.7
437	17611909.23	4826292.90	7.50	0	N	250	19.9	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-28.0
437	17611909.23	4826292.90	7.50	0	N	500	25.3	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-22.7
437	17611909.23	4826292.90	7.50	0	N	1000	72.5	0.0	0.0	0.0	47.8	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	24.4
437	17611909.23	4826292.90	7.50	0	N	2000	29.7	0.0	0.0	0.0	47.8	0.7	-3.0	0.0	0.0	3.0	0.0	0.0	-18.8
437	17611909.23	4826292.90	7.50	0	N	4000	29.5	0.0	0.0	0.0	47.8	2.3	-3.0	0.0	0.0	3.0	0.0	0.0	-20.6
437	17611909.23	4826292.90	7.50	0	N	8000	27.4	0.0	0.0	0.0	47.8	8.1	-3.0	0.0	0.0	3.0	0.0	0.0	-28.5
437	17611909.23	4826292.90	7.50	0	E	32	-9.1	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	7.3	0.0	0.0	-61.2
437	17611909.23	4826292.90	7.50	0	E	63	4.1	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-47.4
437	17611909.23	4826292.90	7.50	0	E	125	14.2	0.0	0.0	0.0	47.8	0.0	-3.0	0.0	0.0	5.2	0.0	0.0	-35.9
437	17611909.23	4826292.90	7.50	0	E	250	21.7	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-26.2
437	17611909.23	4826292.90	7.50	0	E	500	27.1	0.0	0.0	0.0	47.8	0.1	-3.0	0.0	0.0	3.0	0.0	0.0	-20.9
437	17611909.23	4826292.90	7.50	0	E	1000	74.3	0.0	0.0	0.0	47.8	0.3	-3.0	0.0	0.0	3.0	0.0	0.0	26.2
437	17611909.23	4826292.90	7.50	0	E	2000	31.5	0.0	0.0	0.0	47.8	0.7	-3.0	0.0	0.0	3.0	0.0	0.0	-17.0
437	17611909.23	4826292.90	7.50	0	E	4000	31.3	0.0	0.0	0.0	47.8	2.3	-3.0	0.0	0.0	3.0	0.0	0.0	-18.8
437	17611909.23	4826292.90	7.50	0	E	8000	29.2	0.0	0.0	0.0	47.8	8.1	-3.0	0.0	0.0	3.0	0.0	0.0	-26.8
440	17611909.23	4826292.90	7.50	1	D	32	-7.9	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	7.4	0.0	1.0	-63.0
440	17611909.23	4826292.90	7.50	1	D	63	5.3	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	7.0	0.0	1.0	-49.4
440	17611909.23	4826292.90	7.50	1	D	125	15.4	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	6.0	0.0	1.0	-38.4
440	17611909.23	4826292.90	7.50	1	D	250	22.9	0.0	0.0	0.0	49.8	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-28.0
440	17611909.23	4826292.90	7.50	1	D	500	28.3	0.0	0.0	0.0	49.8	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-22.6
440	17611909.23	4826292.90	7.50	1	D	1000	75.5	0.0	0.0	0.0	49.8	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	24.4
440	17611909.23	4826292.90	7.50	1	D	2000	32.7	0.0	0.0	0.0	49.8	0.8	-3.0	0.0	0.0	3.0	0.0	1.0	-18.9
440	17611909.23	4826292.90	7.50	1	D	4000	32.5	0.0	0.0	0.0	49.8	2.8	-3.0	0.0	0.0	3.0	0.0	1.0	-21.1
440	17611909.23	4826292.90	7.50	1	D	8000	30.4	0.0	0.0	0.0	49.8	10.1	-3.0	0.0	0.0	3.0	0.0	1.0	-30.5
440	17611909.23	4826292.90	7.50	1	N	32	-10.9	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	7.4	0.0	1.0	-66.1
440	17611909.23	4826292.90	7.50	1	N	63	2.3	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	7.0	0.0	1.0	-52.4
440	17611909.23	4826292.90	7.50	1	N	125	12.4	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	6.0	0.0	1.0	-41.4
440	17611909.23	4826292.90	7.50	1	N	250	19.9	0.0	0.0	0.0	49.8	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-31.0
440	17611909.23	4826292.90	7.50	1	N	500	25.3	0.0	0.0	0.0	49.8	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-25.6
440	17611909.23	4826292.90	7.50	1	N	1000	72.5	0.0	0.0	0.0	49.8	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	21.4
440	17611909.23	4826292.90	7.50	1	N	2000	29.7	0.0	0.0	0.0	49.8	0.8	-3.0	0.0	0.0	3.0	0.0	1.0	-21.9

Sample Calculation: Rc Unmitigated

Point Source, ISO 9613, Name: "AC5", ID: "AC5"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
440	17611909.23	4826292.90	7.50	1	N	4000	29.5	0.0	0.0	0.0	49.8	2.8	-3.0	0.0	0.0	3.0	0.0	1.0	-24.1
440	17611909.23	4826292.90	7.50	1	N	8000	27.4	0.0	0.0	0.0	49.8	10.1	-3.0	0.0	0.0	3.0	0.0	1.0	-33.5
440	17611909.23	4826292.90	7.50	1	E	32	-9.1	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	7.4	0.0	1.0	-64.3
440	17611909.23	4826292.90	7.50	1	E	63	4.1	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	7.0	0.0	1.0	-50.7
440	17611909.23	4826292.90	7.50	1	E	125	14.2	0.0	0.0	0.0	49.8	0.0	-3.0	0.0	0.0	6.0	0.0	1.0	-39.6
440	17611909.23	4826292.90	7.50	1	E	250	21.7	0.0	0.0	0.0	49.8	0.1	-3.0	0.0	0.0	3.0	0.0	1.0	-29.2
440	17611909.23	4826292.90	7.50	1	E	500	27.1	0.0	0.0	0.0	49.8	0.2	-3.0	0.0	0.0	3.0	0.0	1.0	-23.9
440	17611909.23	4826292.90	7.50	1	E	1000	74.3	0.0	0.0	0.0	49.8	0.3	-3.0	0.0	0.0	3.0	0.0	1.0	23.2
440	17611909.23	4826292.90	7.50	1	E	2000	31.5	0.0	0.0	0.0	49.8	0.8	-3.0	0.0	0.0	3.0	0.0	1.0	-20.1
440	17611909.23	4826292.90	7.50	1	E	4000	31.3	0.0	0.0	0.0	49.8	2.8	-3.0	0.0	0.0	3.0	0.0	1.0	-22.4
440	17611909.23	4826292.90	7.50	1	E	8000	29.2	0.0	0.0	0.0	49.8	10.1	-3.0	0.0	0.0	3.0	0.0	1.0	-31.8

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
99	17611905.31	4826326.34	3.00	0	D	32	-41.9	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	4.8	0.0	0.0	-75.2
99	17611905.31	4826326.34	3.00	0	D	63	-28.7	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	5.0	0.0	0.0	-62.1
99	17611905.31	4826326.34	3.00	0	D	125	-18.6	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-52.4
99	17611905.31	4826326.34	3.00	0	D	250	-11.1	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	5.9	0.0	0.0	-45.5
99	17611905.31	4826326.34	3.00	0	D	500	-5.7	12.9	0.0	0.0	44.4	0.1	-3.0	0.0	0.0	6.9	0.0	0.0	-41.1
99	17611905.31	4826326.34	3.00	0	D	1000	63.5	12.9	0.0	0.0	44.4	0.2	-3.0	0.0	0.0	8.3	0.0	0.0	26.6
99	17611905.31	4826326.34	3.00	0	D	2000	-1.3	12.9	0.0	0.0	44.4	0.5	-3.0	0.0	0.0	10.2	0.0	0.0	-40.3
99	17611905.31	4826326.34	3.00	0	D	4000	-1.5	12.9	0.0	0.0	44.4	1.5	-3.0	0.0	0.0	12.5	0.0	0.0	-43.9
99	17611905.31	4826326.34	3.00	0	D	8000	-3.6	12.9	0.0	0.0	44.4	5.5	-3.0	0.0	0.0	15.0	0.0	0.0	-52.5
99	17611905.31	4826326.34	3.00	0	N	32	-147.9	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	4.8	0.0	0.0	-181.2
99	17611905.31	4826326.34	3.00	0	N	63	-134.7	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	5.0	0.0	0.0	-168.2
99	17611905.31	4826326.34	3.00	0	N	125	-124.6	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-158.4
99	17611905.31	4826326.34	3.00	0	N	250	-117.1	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	5.9	0.0	0.0	-151.5
99	17611905.31	4826326.34	3.00	0	N	500	-111.7	12.9	0.0	0.0	44.4	0.1	-3.0	0.0	0.0	6.9	0.0	0.0	-147.1
99	17611905.31	4826326.34	3.00	0	N	1000	-42.5	12.9	0.0	0.0	44.4	0.2	-3.0	0.0	0.0	8.3	0.0	0.0	-79.4
99	17611905.31	4826326.34	3.00	0	N	2000	-107.3	12.9	0.0	0.0	44.4	0.5	-3.0	0.0	0.0	10.2	0.0	0.0	-146.4
99	17611905.31	4826326.34	3.00	0	N	4000	-107.5	12.9	0.0	0.0	44.4	1.5	-3.0	0.0	0.0	12.5	0.0	0.0	-149.9
99	17611905.31	4826326.34	3.00	0	N	8000	-109.6	12.9	0.0	0.0	44.4	5.5	-3.0	0.0	0.0	15.0	0.0	0.0	-158.5
99	17611905.31	4826326.34	3.00	0	E	32	-147.9	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	4.8	0.0	0.0	-181.2
99	17611905.31	4826326.34	3.00	0	E	63	-134.7	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	5.0	0.0	0.0	-168.2
99	17611905.31	4826326.34	3.00	0	E	125	-124.6	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-158.4
99	17611905.31	4826326.34	3.00	0	E	250	-117.1	12.9	0.0	0.0	44.4	0.0	-3.0	0.0	0.0	5.9	0.0	0.0	-151.5
99	17611905.31	4826326.34	3.00	0	E	500	-111.7	12.9	0.0	0.0	44.4	0.1	-3.0	0.0	0.0	6.9	0.0	0.0	-147.1
99	17611905.31	4826326.34	3.00	0	E	1000	-42.5	12.9	0.0	0.0	44.4	0.2	-3.0	0.0	0.0	8.3	0.0	0.0	-79.4
99	17611905.31	4826326.34	3.00	0	E	2000	-107.3	12.9	0.0	0.0	44.4	0.5	-3.0	0.0	0.0	10.2	0.0	0.0	-146.4
99	17611905.31	4826326.34	3.00	0	E	4000	-107.5	12.9	0.0	0.0	44.4	1.5	-3.0	0.0	0.0	12.5	0.0	0.0	-149.9
99	17611905.31	4826326.34	3.00	0	E	8000	-109.6	12.9	0.0	0.0	44.4	5.5	-3.0	0.0	0.0	15.0	0.0	0.0	-158.5
105	17611921.48	4826322.03	3.00	0	D	32	-41.9	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-70.2
105	17611921.48	4826322.03	3.00	0	D	63	-28.7	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-57.0
105	17611921.48	4826322.03	3.00	0	D	125	-18.6	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-46.9
105	17611921.48	4826322.03	3.00	0	D	250	-11.1	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-39.5
105	17611921.48	4826322.03	3.00	0	D	500	-5.7	11.4	0.0	0.0	42.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-34.1
105	17611921.48	4826322.03	3.00	0	D	1000	63.5	11.4	0.0	0.0	42.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	35.0
105	17611921.48	4826322.03	3.00	0	D	2000	-1.3	11.4	0.0	0.0	42.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	-30.0
105	17611921.48	4826322.03	3.00	0	D	4000	-1.5	11.4	0.0	0.0	42.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	-31.1
105	17611921.48	4826322.03	3.00	0	D	8000	-3.6	11.4	0.0	0.0	42.7	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	-36.4
105	17611921.48	4826322.03	3.00	0	N	32	-147.9	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-176.3
105	17611921.48	4826322.03	3.00	0	N	63	-134.7	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-163.1
105	17611921.48	4826322.03	3.00	0	N	125	-124.6	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-153.0
105	17611921.48	4826322.03	3.00	0	N	250	-117.1	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-145.5
105	17611921.48	4826322.03	3.00	0	N	500	-111.7	11.4	0.0	0.0	42.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-140.1
105	17611921.48	4826322.03	3.00	0	N	1000	-42.5	11.4	0.0	0.0	42.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-71.0
105	17611921.48	4826322.03	3.00	0	N	2000	-107.3	11.4	0.0	0.0	42.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	-136.0
105	17611921.48	4826322.03	3.00	0	N	4000	-107.5	11.4	0.0	0.0	42.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	-137.1
105	17611921.48	4826322.03	3.00	0	N	8000	-109.6	11.4	0.0	0.0	42.7	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	-142.5
105	17611921.48	4826322.03	3.00	0	E	32	-147.9	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-176.3
105	17611921.48	4826322.03	3.00	0	E	63	-134.7	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-163.1
105	17611921.48	4826322.03	3.00	0	E	125	-124.6	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-153.0

Sample Calculation: Rc Unmitigated

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
105	17611921.48	4826322.03	3.00	0	E	250	-117.1	11.4	0.0	0.0	42.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-145.5
105	17611921.48	4826322.03	3.00	0	E	500	-111.7	11.4	0.0	0.0	42.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-140.1
105	17611921.48	4826322.03	3.00	0	E	1000	-42.5	11.4	0.0	0.0	42.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-71.0
105	17611921.48	4826322.03	3.00	0	E	2000	-107.3	11.4	0.0	0.0	42.7	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	-136.0
105	17611921.48	4826322.03	3.00	0	E	4000	-107.5	11.4	0.0	0.0	42.7	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	-137.1
105	17611921.48	4826322.03	3.00	0	E	8000	-109.6	11.4	0.0	0.0	42.7	4.5	-3.0	0.0	0.0	0.0	0.0	0.0	-142.5
125	17611922.35	4826321.80	3.00	1	D	125	-18.6	10.8	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-50.7
125	17611922.35	4826321.80	3.00	1	D	250	-11.1	10.8	0.0	0.0	44.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-43.2
125	17611922.35	4826321.80	3.00	1	D	500	-5.7	10.8	0.0	0.0	44.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-37.9
125	17611922.35	4826321.80	3.00	1	D	1000	63.5	10.8	0.0	0.0	44.8	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	31.3
125	17611922.35	4826321.80	3.00	1	D	2000	-1.3	10.8	0.0	0.0	44.8	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-33.8
125	17611922.35	4826321.80	3.00	1	D	4000	-1.5	10.8	0.0	0.0	44.8	1.6	-3.0	0.0	0.0	0.0	0.0	1.0	-35.2
125	17611922.35	4826321.80	3.00	1	D	8000	-3.6	10.8	0.0	0.0	44.8	5.8	-3.0	0.0	0.0	0.0	0.0	1.0	-41.4
125	17611922.35	4826321.80	3.00	1	N	125	-124.6	10.8	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-156.7
125	17611922.35	4826321.80	3.00	1	N	250	-117.1	10.8	0.0	0.0	44.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-149.2
125	17611922.35	4826321.80	3.00	1	N	500	-111.7	10.8	0.0	0.0	44.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-143.9
125	17611922.35	4826321.80	3.00	1	N	1000	-42.5	10.8	0.0	0.0	44.8	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-74.8
125	17611922.35	4826321.80	3.00	1	N	2000	-107.3	10.8	0.0	0.0	44.8	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-139.9
125	17611922.35	4826321.80	3.00	1	N	4000	-107.5	10.8	0.0	0.0	44.8	1.6	-3.0	0.0	0.0	0.0	0.0	1.0	-141.2
125	17611922.35	4826321.80	3.00	1	N	8000	-109.6	10.8	0.0	0.0	44.8	5.8	-3.0	0.0	0.0	0.0	0.0	1.0	-147.4
125	17611922.35	4826321.80	3.00	1	E	125	-124.6	10.8	0.0	0.0	44.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-156.7
125	17611922.35	4826321.80	3.00	1	E	250	-117.1	10.8	0.0	0.0	44.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-149.2
125	17611922.35	4826321.80	3.00	1	E	500	-111.7	10.8	0.0	0.0	44.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-143.9
125	17611922.35	4826321.80	3.00	1	E	1000	-42.5	10.8	0.0	0.0	44.8	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-74.8
125	17611922.35	4826321.80	3.00	1	E	2000	-107.3	10.8	0.0	0.0	44.8	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-139.9
125	17611922.35	4826321.80	3.00	1	E	4000	-107.5	10.8	0.0	0.0	44.8	1.6	-3.0	0.0	0.0	0.0	0.0	1.0	-141.2
125	17611922.35	4826321.80	3.00	1	E	8000	-109.6	10.8	0.0	0.0	44.8	5.8	-3.0	0.0	0.0	0.0	0.0	1.0	-147.4
130	17611925.82	4826320.88	3.00	1	D	125	-18.6	6.8	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	28.0	0.0	1.0	-87.7
130	17611925.82	4826320.88	3.00	1	D	250	-11.1	6.8	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-80.3
130	17611925.82	4826320.88	3.00	1	D	500	-5.7	6.8	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-74.9
130	17611925.82	4826320.88	3.00	1	D	1000	63.5	6.8	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-5.9
130	17611925.82	4826320.88	3.00	1	D	2000	-1.3	6.8	0.0	0.0	49.9	0.8	-3.0	0.0	0.0	28.0	0.0	1.0	-71.2
130	17611925.82	4826320.88	3.00	1	D	4000	-1.5	6.8	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	28.0	0.0	1.0	-73.5
130	17611925.82	4826320.88	3.00	1	D	8000	-3.6	6.8	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	28.0	0.0	1.0	-82.9
130	17611925.82	4826320.88	3.00	1	N	125	-124.6	6.8	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	28.0	0.0	1.0	-193.7
130	17611925.82	4826320.88	3.00	1	N	250	-117.1	6.8	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-186.3
130	17611925.82	4826320.88	3.00	1	N	500	-111.7	6.8	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-181.0
130	17611925.82	4826320.88	3.00	1	N	1000	-42.5	6.8	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-111.9
130	17611925.82	4826320.88	3.00	1	N	2000	-107.3	6.8	0.0	0.0	49.9	0.8	-3.0	0.0	0.0	28.0	0.0	1.0	-177.2
130	17611925.82	4826320.88	3.00	1	N	4000	-107.5	6.8	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	28.0	0.0	1.0	-179.5
130	17611925.82	4826320.88	3.00	1	N	8000	-109.6	6.8	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	28.0	0.0	1.0	-189.0
130	17611925.82	4826320.88	3.00	1	E	125	-124.6	6.8	0.0	0.0	49.9	0.0	-3.0	0.0	0.0	28.0	0.0	1.0	-193.7
130	17611925.82	4826320.88	3.00	1	E	250	-117.1	6.8	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-186.3
130	17611925.82	4826320.88	3.00	1	E	500	-111.7	6.8	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-181.0
130	17611925.82	4826320.88	3.00	1	E	1000	-42.5	6.8	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-111.9
130	17611925.82	4826320.88	3.00	1	E	2000	-107.3	6.8	0.0	0.0	49.9	0.8	-3.0	0.0	0.0	28.0	0.0	1.0	-177.2
130	17611925.82	4826320.88	3.00	1	E	4000	-107.5	6.8	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	28.0	0.0	1.0	-179.5
130	17611925.82	4826320.88	3.00	1	E	8000	-109.6	6.8	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	28.0	0.0	1.0	-189.0
143	17611921.58	4826322.01	3.00	1	D	32	-41.9	11.3	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-74.5
143	17611921.58	4826322.01	3.00	1	D	63	-28.7	11.3	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-61.3
143	17611921.58	4826322.01	3.00	1	D	125	-18.6	11.3	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-51.3
143	17611921.58	4826322.01	3.00	1	D	250	-11.1	11.3	0.0	0.0	46.0	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-43.8
143	17611921.58	4826322.01	3.00	1	D	500	-5.7	11.3	0.0	0.0	46.0	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-38.4
143	17611921.58	4826322.01	3.00	1	D	1000	63.5	11.3	0.0	0.0	46.0	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	30.7
143	17611921.58	4826322.01	3.00	1	D	2000	-1.3	11.3	0.0	0.0	46.0	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-34.5
143	17611921.58	4826322.01	3.00	1	D	4000	-1.5	11.3	0.0	0.0	46.0	1.8	-3.0	0.0	0.0	0.0	0.0	1.0	-36.0
143	17611921.58	4826322.01	3.00	1	D	8000	-3.6	11.3	0.0	0.0	46.0	6.6	-3.0	0.0	0.0	0.0	0.0	1.0	-42.8
143	17611921.58	4826322.01	3.00	1	N	32	-147.9	11.3	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-180.6
143	17611921.58	4826322.01	3.00	1	N	63	-134.7	11.3	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-167.4
143	17611921.58	4826322.01	3.00	1	N	125	-124.6	11.3	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-157.3
143	17611921.58	4826322.01	3.00	1	N	250	-117.1	11.3	0.0	0.0	46.0	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-149.8
143	17611921.58	4826322.01	3.00	1	N	500	-111.7	11.3	0.0	0.0	46.0	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-144.5
143	17611921.58	4826322.01	3.00	1	N	1000	-42.5	11.3	0.0	0.0	46.0	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-75.4

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
143	17611921.58	4826322.01	3.00	1	N	2000	-107.3	11.3	0.0	0.0	46.0	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-140.5
143	17611921.58	4826322.01	3.00	1	N	4000	-107.5	11.3	0.0	0.0	46.0	1.8	-3.0	0.0	0.0	0.0	0.0	1.0	-142.0
143	17611921.58	4826322.01	3.00	1	N	8000	-109.6	11.3	0.0	0.0	46.0	6.6	-3.0	0.0	0.0	0.0	0.0	1.0	-148.8
143	17611921.58	4826322.01	3.00	1	E	32	-147.9	11.3	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-180.6
143	17611921.58	4826322.01	3.00	1	E	63	-134.7	11.3	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-167.4
143	17611921.58	4826322.01	3.00	1	E	125	-124.6	11.3	0.0	0.0	46.0	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-157.3
143	17611921.58	4826322.01	3.00	1	E	250	-117.1	11.3	0.0	0.0	46.0	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-149.8
143	17611921.58	4826322.01	3.00	1	E	500	-111.7	11.3	0.0	0.0	46.0	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-144.5
143	17611921.58	4826322.01	3.00	1	E	1000	-42.5	11.3	0.0	0.0	46.0	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-75.4
143	17611921.58	4826322.01	3.00	1	E	2000	-107.3	11.3	0.0	0.0	46.0	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-140.5
143	17611921.58	4826322.01	3.00	1	E	4000	-107.5	11.3	0.0	0.0	46.0	1.8	-3.0	0.0	0.0	0.0	0.0	1.0	-142.0
143	17611921.58	4826322.01	3.00	1	E	8000	-109.6	11.3	0.0	0.0	46.0	6.6	-3.0	0.0	0.0	0.0	0.0	1.0	-148.8
160	17611922.34	4826321.81	3.00	2	D	125	-18.6	10.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-54.3
160	17611922.34	4826321.81	3.00	2	D	250	-11.1	10.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-46.9
160	17611922.34	4826321.81	3.00	2	D	500	-5.7	10.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-41.5
160	17611922.34	4826321.81	3.00	2	D	1000	63.5	10.8	0.0	0.0	47.5	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	27.6
160	17611922.34	4826321.81	3.00	2	D	2000	-1.3	10.8	0.0	0.0	47.5	0.6	-3.0	0.0	0.0	0.0	0.0	2.0	-37.6
160	17611922.34	4826321.81	3.00	2	D	4000	-1.5	10.8	0.0	0.0	47.5	2.2	-3.0	0.0	0.0	0.0	0.0	2.0	-39.4
160	17611922.34	4826321.81	3.00	2	D	8000	-3.6	10.8	0.0	0.0	47.5	7.8	-3.0	0.0	0.0	0.0	0.0	2.0	-47.1
160	17611922.34	4826321.81	3.00	2	N	125	-124.6	10.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-160.3
160	17611922.34	4826321.81	3.00	2	N	250	-117.1	10.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-152.9
160	17611922.34	4826321.81	3.00	2	N	500	-111.7	10.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-147.5
160	17611922.34	4826321.81	3.00	2	N	1000	-42.5	10.8	0.0	0.0	47.5	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-78.5
160	17611922.34	4826321.81	3.00	2	N	2000	-107.3	10.8	0.0	0.0	47.5	0.6	-3.0	0.0	0.0	0.0	0.0	2.0	-143.7
160	17611922.34	4826321.81	3.00	2	N	4000	-107.5	10.8	0.0	0.0	47.5	2.2	-3.0	0.0	0.0	0.0	0.0	2.0	-145.4
160	17611922.34	4826321.81	3.00	2	N	8000	-109.6	10.8	0.0	0.0	47.5	7.8	-3.0	0.0	0.0	0.0	0.0	2.0	-153.1
160	17611922.34	4826321.81	3.00	2	E	125	-124.6	10.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	2.0	-160.3
160	17611922.34	4826321.81	3.00	2	E	250	-117.1	10.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-152.9
160	17611922.34	4826321.81	3.00	2	E	500	-111.7	10.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-147.5
160	17611922.34	4826321.81	3.00	2	E	1000	-42.5	10.8	0.0	0.0	47.5	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-78.5
160	17611922.34	4826321.81	3.00	2	E	2000	-107.3	10.8	0.0	0.0	47.5	0.6	-3.0	0.0	0.0	0.0	0.0	2.0	-143.7
160	17611922.34	4826321.81	3.00	2	E	4000	-107.5	10.8	0.0	0.0	47.5	2.2	-3.0	0.0	0.0	0.0	0.0	2.0	-145.4
160	17611922.34	4826321.81	3.00	2	E	8000	-109.6	10.8	0.0	0.0	47.5	7.8	-3.0	0.0	0.0	0.0	0.0	2.0	-153.1
166	17611931.50	4826315.68	3.00	0	D	32	-41.9	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-71.4
166	17611931.50	4826315.68	3.00	0	D	63	-28.7	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-58.2
166	17611931.50	4826315.68	3.00	0	D	125	-18.6	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-48.1
166	17611931.50	4826315.68	3.00	0	D	250	-11.1	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-40.6
166	17611931.50	4826315.68	3.00	0	D	500	-5.7	10.6	0.0	0.0	43.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-35.3
166	17611931.50	4826315.68	3.00	0	D	1000	63.5	10.6	0.0	0.0	43.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	33.9
166	17611931.50	4826315.68	3.00	0	D	2000	-1.3	10.6	0.0	0.0	43.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	-31.2
166	17611931.50	4826315.68	3.00	0	D	4000	-1.5	10.6	0.0	0.0	43.1	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	-32.3
166	17611931.50	4826315.68	3.00	0	D	8000	-3.6	10.6	0.0	0.0	43.1	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	-37.8
166	17611931.50	4826315.68	3.00	0	N	32	-147.9	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-177.4
166	17611931.50	4826315.68	3.00	0	N	63	-134.7	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-164.2
166	17611931.50	4826315.68	3.00	0	N	125	-124.6	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-154.1
166	17611931.50	4826315.68	3.00	0	N	250	-117.1	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-146.6
166	17611931.50	4826315.68	3.00	0	N	500	-111.7	10.6	0.0	0.0	43.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-141.3
166	17611931.50	4826315.68	3.00	0	N	1000	-42.5	10.6	0.0	0.0	43.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-72.2
166	17611931.50	4826315.68	3.00	0	N	2000	-107.3	10.6	0.0	0.0	43.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	-137.2
166	17611931.50	4826315.68	3.00	0	N	4000	-107.5	10.6	0.0	0.0	43.1	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	-138.3
166	17611931.50	4826315.68	3.00	0	N	8000	-109.6	10.6	0.0	0.0	43.1	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	-143.8
166	17611931.50	4826315.68	3.00	0	E	32	-147.9	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-177.4
166	17611931.50	4826315.68	3.00	0	E	63	-134.7	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-164.2
166	17611931.50	4826315.68	3.00	0	E	125	-124.6	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-154.1
166	17611931.50	4826315.68	3.00	0	E	250	-117.1	10.6	0.0	0.0	43.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-146.6
166	17611931.50	4826315.68	3.00	0	E	500	-111.7	10.6	0.0	0.0	43.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-141.3
166	17611931.50	4826315.68	3.00	0	E	1000	-42.5	10.6	0.0	0.0	43.1	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-72.2
166	17611931.50	4826315.68	3.00	0	E	2000	-107.3	10.6	0.0	0.0	43.1	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	-137.2
166	17611931.50	4826315.68	3.00	0	E	4000	-107.5	10.6	0.0	0.0	43.1	1.3	-3.0	0.0	0.0	0.0	0.0	0.0	-138.3
166	17611931.50	4826315.68	3.00	0	E	8000	-109.6	10.6	0.0	0.0	43.1	4.7	-3.0	0.0	0.0	0.0	0.0	0.0	-143.8
172	17611938.28	4826306.49	3.00	0	D	32	-41.9	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-72.9
172	17611938.28	4826306.49	3.00	0	D	63	-28.7	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-59.7
172	17611938.28	4826306.49	3.00	0	D	125	-18.6	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-49.6

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
172	17611938.28	4826306.49	3.00	0	D	250	-11.1	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-42.2
172	17611938.28	4826306.49	3.00	0	D	500	-5.7	10.6	0.0	0.0	44.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-36.8
172	17611938.28	4826306.49	3.00	0	D	1000	63.5	10.6	0.0	0.0	44.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	32.3
172	17611938.28	4826306.49	3.00	0	D	2000	-1.3	10.6	0.0	0.0	44.6	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	-32.8
172	17611938.28	4826306.49	3.00	0	D	4000	-1.5	10.6	0.0	0.0	44.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	-34.1
172	17611938.28	4826306.49	3.00	0	D	8000	-3.6	10.6	0.0	0.0	44.6	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	-40.2
172	17611938.28	4826306.49	3.00	0	N	32	-147.9	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-178.9
172	17611938.28	4826306.49	3.00	0	N	63	-134.7	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-165.7
172	17611938.28	4826306.49	3.00	0	N	125	-124.6	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-155.7
172	17611938.28	4826306.49	3.00	0	N	250	-117.1	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-148.2
172	17611938.28	4826306.49	3.00	0	N	500	-111.7	10.6	0.0	0.0	44.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-142.8
172	17611938.28	4826306.49	3.00	0	N	1000	-42.5	10.6	0.0	0.0	44.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-73.7
172	17611938.28	4826306.49	3.00	0	N	2000	-107.3	10.6	0.0	0.0	44.6	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	-138.8
172	17611938.28	4826306.49	3.00	0	N	4000	-107.5	10.6	0.0	0.0	44.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	-140.1
172	17611938.28	4826306.49	3.00	0	N	8000	-109.6	10.6	0.0	0.0	44.6	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	-146.2
172	17611938.28	4826306.49	3.00	0	E	32	-147.9	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-178.9
172	17611938.28	4826306.49	3.00	0	E	63	-134.7	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-165.7
172	17611938.28	4826306.49	3.00	0	E	125	-124.6	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-155.7
172	17611938.28	4826306.49	3.00	0	E	250	-117.1	10.6	0.0	0.0	44.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-148.2
172	17611938.28	4826306.49	3.00	0	E	500	-111.7	10.6	0.0	0.0	44.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-142.8
172	17611938.28	4826306.49	3.00	0	E	1000	-42.5	10.6	0.0	0.0	44.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-73.7
172	17611938.28	4826306.49	3.00	0	E	2000	-107.3	10.6	0.0	0.0	44.6	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	-138.8
172	17611938.28	4826306.49	3.00	0	E	4000	-107.5	10.6	0.0	0.0	44.6	1.6	-3.0	0.0	0.0	0.0	0.0	0.0	-140.1
172	17611938.28	4826306.49	3.00	0	E	8000	-109.6	10.6	0.0	0.0	44.6	5.6	-3.0	0.0	0.0	0.0	0.0	0.0	-146.2
181	17611944.34	4826298.27	3.00	0	D	32	-41.9	9.6	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-75.3
181	17611944.34	4826298.27	3.00	0	D	63	-28.7	9.6	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-62.1
181	17611944.34	4826298.27	3.00	0	D	125	-18.6	9.6	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-52.0
181	17611944.34	4826298.27	3.00	0	D	250	-11.1	9.6	0.0	0.0	45.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-44.5
181	17611944.34	4826298.27	3.00	0	D	500	-5.7	9.6	0.0	0.0	45.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-39.2
181	17611944.34	4826298.27	3.00	0	D	1000	63.5	9.6	0.0	0.0	45.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.9
181	17611944.34	4826298.27	3.00	0	D	2000	-1.3	9.6	0.0	0.0	45.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	-35.2
181	17611944.34	4826298.27	3.00	0	D	4000	-1.5	9.6	0.0	0.0	45.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	-36.7
181	17611944.34	4826298.27	3.00	0	D	8000	-3.6	9.6	0.0	0.0	45.9	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	-43.5
181	17611944.34	4826298.27	3.00	0	N	32	-147.9	9.6	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-181.3
181	17611944.34	4826298.27	3.00	0	N	63	-134.7	9.6	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-168.1
181	17611944.34	4826298.27	3.00	0	N	125	-124.6	9.6	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-158.0
181	17611944.34	4826298.27	3.00	0	N	250	-117.1	9.6	0.0	0.0	45.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-150.6
181	17611944.34	4826298.27	3.00	0	N	500	-111.7	9.6	0.0	0.0	45.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-145.2
181	17611944.34	4826298.27	3.00	0	N	1000	-42.5	9.6	0.0	0.0	45.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-76.1
181	17611944.34	4826298.27	3.00	0	N	2000	-107.3	9.6	0.0	0.0	45.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	-141.2
181	17611944.34	4826298.27	3.00	0	N	4000	-107.5	9.6	0.0	0.0	45.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	-142.7
181	17611944.34	4826298.27	3.00	0	N	8000	-109.6	9.6	0.0	0.0	45.9	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	-149.5
181	17611944.34	4826298.27	3.00	0	E	32	-147.9	9.6	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-181.3
181	17611944.34	4826298.27	3.00	0	E	63	-134.7	9.6	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-168.1
181	17611944.34	4826298.27	3.00	0	E	125	-124.6	9.6	0.0	0.0	45.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-158.0
181	17611944.34	4826298.27	3.00	0	E	250	-117.1	9.6	0.0	0.0	45.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-150.6
181	17611944.34	4826298.27	3.00	0	E	500	-111.7	9.6	0.0	0.0	45.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-145.2
181	17611944.34	4826298.27	3.00	0	E	1000	-42.5	9.6	0.0	0.0	45.9	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-76.1
181	17611944.34	4826298.27	3.00	0	E	2000	-107.3	9.6	0.0	0.0	45.9	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	-141.2
181	17611944.34	4826298.27	3.00	0	E	4000	-107.5	9.6	0.0	0.0	45.9	1.8	-3.0	0.0	0.0	0.0	0.0	0.0	-142.7
181	17611944.34	4826298.27	3.00	0	E	8000	-109.6	9.6	0.0	0.0	45.9	6.5	-3.0	0.0	0.0	0.0	0.0	0.0	-149.5
189	17611935.35	4826310.47	3.00	1	D	500	-5.7	7.6	0.0	0.0	46.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-43.0
189	17611935.35	4826310.47	3.00	1	D	1000	63.5	7.6	0.0	0.0	46.8	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	26.1
189	17611935.35	4826310.47	3.00	1	D	2000	-1.3	7.6	0.0	0.0	46.8	0.6	-3.0	0.0	0.0	0.0	0.0	1.0	-39.1
189	17611935.35	4826310.47	3.00	1	D	4000	-1.5	7.6	0.0	0.0	46.8	2.0	-3.0	0.0	0.0	0.0	0.0	1.0	-40.7
189	17611935.35	4826310.47	3.00	1	D	8000	-3.6	7.6	0.0	0.0	46.8	7.2	-3.0	0.0	0.0	0.0	0.0	1.0	-48.0
189	17611935.35	4826310.47	3.00	1	N	500	-111.7	7.6	0.0	0.0	46.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-149.0
189	17611935.35	4826310.47	3.00	1	N	1000	-42.5	7.6	0.0	0.0	46.8	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-79.9
189	17611935.35	4826310.47	3.00	1	N	2000	-107.3	7.6	0.0	0.0	46.8	0.6	-3.0	0.0	0.0	0.0	0.0	1.0	-145.1
189	17611935.35	4826310.47	3.00	1	N	4000	-107.5	7.6	0.0	0.0	46.8	2.0	-3.0	0.0	0.0	0.0	0.0	1.0	-146.7
189	17611935.35	4826310.47	3.00	1	N	8000	-109.6	7.6	0.0	0.0	46.8	7.2	-3.0	0.0	0.0	0.0	0.0	1.0	-154.0
189	17611935.35	4826310.47	3.00	1	E	500	-111.7	7.6	0.0	0.0	46.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-149.0
189	17611935.35	4826310.47	3.00	1	E	1000	-42.5	7.6	0.0	0.0	46.8	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-79.9

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
189	17611935.35	4826310.47	3.00	1	E	2000	-107.3	7.6	0.0	0.0	46.8	0.6	-3.0	0.0	0.0	0.0	0.0	1.0	-145.1
189	17611935.35	4826310.47	3.00	1	E	4000	-107.5	7.6	0.0	0.0	46.8	2.0	-3.0	0.0	0.0	0.0	0.0	1.0	-146.7
189	17611935.35	4826310.47	3.00	1	E	8000	-109.6	7.6	0.0	0.0	46.8	7.2	-3.0	0.0	0.0	0.0	0.0	1.0	-154.0
192	17611929.47	4826318.43	3.00	1	D	250	-11.1	6.6	0.0	0.0	45.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-47.9
192	17611929.47	4826318.43	3.00	1	D	500	-5.7	6.6	0.0	0.0	45.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-42.6
192	17611929.47	4826318.43	3.00	1	D	1000	63.5	6.6	0.0	0.0	45.4	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	26.5
192	17611929.47	4826318.43	3.00	1	D	2000	-1.3	6.6	0.0	0.0	45.4	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-38.6
192	17611929.47	4826318.43	3.00	1	D	4000	-1.5	6.6	0.0	0.0	45.4	1.7	-3.0	0.0	0.0	0.0	0.0	1.0	-40.0
192	17611929.47	4826318.43	3.00	1	D	8000	-3.6	6.6	0.0	0.0	45.4	6.1	-3.0	0.0	0.0	0.0	0.0	1.0	-46.5
192	17611929.47	4826318.43	3.00	1	N	250	-117.1	6.6	0.0	0.0	45.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-154.0
192	17611929.47	4826318.43	3.00	1	N	500	-111.7	6.6	0.0	0.0	45.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-148.6
192	17611929.47	4826318.43	3.00	1	N	1000	-42.5	6.6	0.0	0.0	45.4	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-79.5
192	17611929.47	4826318.43	3.00	1	N	2000	-107.3	6.6	0.0	0.0	45.4	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-144.6
192	17611929.47	4826318.43	3.00	1	N	4000	-107.5	6.6	0.0	0.0	45.4	1.7	-3.0	0.0	0.0	0.0	0.0	1.0	-146.0
192	17611929.47	4826318.43	3.00	1	N	8000	-109.6	6.6	0.0	0.0	45.4	6.1	-3.0	0.0	0.0	0.0	0.0	1.0	-152.6
192	17611929.47	4826318.43	3.00	1	E	250	-117.1	6.6	0.0	0.0	45.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-154.0
192	17611929.47	4826318.43	3.00	1	E	500	-111.7	6.6	0.0	0.0	45.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-148.6
192	17611929.47	4826318.43	3.00	1	E	1000	-42.5	6.6	0.0	0.0	45.4	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-79.5
192	17611929.47	4826318.43	3.00	1	E	2000	-107.3	6.6	0.0	0.0	45.4	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-144.6
192	17611929.47	4826318.43	3.00	1	E	4000	-107.5	6.6	0.0	0.0	45.4	1.7	-3.0	0.0	0.0	0.0	0.0	1.0	-146.0
192	17611929.47	4826318.43	3.00	1	E	8000	-109.6	6.6	0.0	0.0	45.4	6.1	-3.0	0.0	0.0	0.0	0.0	1.0	-152.6
198	17611938.40	4826306.32	3.00	1	D	250	-11.1	5.0	0.0	0.0	48.1	0.1	-3.0	0.0	0.0	7.8	0.0	1.0	-60.0
198	17611938.40	4826306.32	3.00	1	D	500	-5.7	5.0	0.0	0.0	48.1	0.1	-3.0	0.0	0.0	7.7	0.0	1.0	-54.7
198	17611938.40	4826306.32	3.00	1	D	1000	63.5	5.0	0.0	0.0	48.1	0.3	-3.0	0.0	0.0	7.7	0.0	1.0	14.4
198	17611938.40	4826306.32	3.00	1	D	2000	-1.3	5.0	0.0	0.0	48.1	0.7	-3.0	0.0	0.0	7.7	0.0	1.0	-50.7
198	17611938.40	4826306.32	3.00	1	D	4000	-1.5	5.0	0.0	0.0	48.1	2.3	-3.0	0.0	0.0	7.5	0.0	1.0	-52.5
198	17611938.40	4826306.32	3.00	1	D	8000	-3.6	5.0	0.0	0.0	48.1	8.4	-3.0	0.0	0.0	7.3	0.0	1.0	-60.3
198	17611938.40	4826306.32	3.00	1	N	250	-117.1	5.0	0.0	0.0	48.1	0.1	-3.0	0.0	0.0	7.8	0.0	1.0	-166.1
198	17611938.40	4826306.32	3.00	1	N	500	-111.7	5.0	0.0	0.0	48.1	0.1	-3.0	0.0	0.0	7.7	0.0	1.0	-160.7
198	17611938.40	4826306.32	3.00	1	N	1000	-42.5	5.0	0.0	0.0	48.1	0.3	-3.0	0.0	0.0	7.7	0.0	1.0	-91.6
198	17611938.40	4826306.32	3.00	1	N	2000	-107.3	5.0	0.0	0.0	48.1	0.7	-3.0	0.0	0.0	7.7	0.0	1.0	-156.8
198	17611938.40	4826306.32	3.00	1	N	4000	-107.5	5.0	0.0	0.0	48.1	2.3	-3.0	0.0	0.0	7.5	0.0	1.0	-158.5
198	17611938.40	4826306.32	3.00	1	N	8000	-109.6	5.0	0.0	0.0	48.1	8.4	-3.0	0.0	0.0	7.3	0.0	1.0	-166.4
198	17611938.40	4826306.32	3.00	1	E	250	-117.1	5.0	0.0	0.0	48.1	0.1	-3.0	0.0	0.0	7.8	0.0	1.0	-166.1
198	17611938.40	4826306.32	3.00	1	E	500	-111.7	5.0	0.0	0.0	48.1	0.1	-3.0	0.0	0.0	7.7	0.0	1.0	-160.7
198	17611938.40	4826306.32	3.00	1	E	1000	-42.5	5.0	0.0	0.0	48.1	0.3	-3.0	0.0	0.0	7.7	0.0	1.0	-91.6
198	17611938.40	4826306.32	3.00	1	E	2000	-107.3	5.0	0.0	0.0	48.1	0.7	-3.0	0.0	0.0	7.7	0.0	1.0	-156.8
198	17611938.40	4826306.32	3.00	1	E	4000	-107.5	5.0	0.0	0.0	48.1	2.3	-3.0	0.0	0.0	7.5	0.0	1.0	-158.5
198	17611938.40	4826306.32	3.00	1	E	8000	-109.6	5.0	0.0	0.0	48.1	8.4	-3.0	0.0	0.0	7.3	0.0	1.0	-166.4
201	17611943.18	4826299.85	3.00	1	D	250	-11.1	11.1	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-46.3
201	17611943.18	4826299.85	3.00	1	D	500	-5.7	11.1	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-41.0
201	17611943.18	4826299.85	3.00	1	D	1000	63.5	11.1	0.0	0.0	48.3	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	28.1
201	17611943.18	4826299.85	3.00	1	D	2000	-1.3	11.1	0.0	0.0	48.3	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-37.1
201	17611943.18	4826299.85	3.00	1	D	4000	-1.5	11.1	0.0	0.0	48.3	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	-39.0
201	17611943.18	4826299.85	3.00	1	D	8000	-3.6	11.1	0.0	0.0	48.3	8.5	-3.0	0.0	0.0	0.0	0.0	1.0	-47.3
201	17611943.18	4826299.85	3.00	1	N	250	-117.1	11.1	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-152.3
201	17611943.18	4826299.85	3.00	1	N	500	-111.7	11.1	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-147.0
201	17611943.18	4826299.85	3.00	1	N	1000	-42.5	11.1	0.0	0.0	48.3	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-77.9
201	17611943.18	4826299.85	3.00	1	N	2000	-107.3	11.1	0.0	0.0	48.3	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-143.2
201	17611943.18	4826299.85	3.00	1	N	4000	-107.5	11.1	0.0	0.0	48.3	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	-145.0
201	17611943.18	4826299.85	3.00	1	N	8000	-109.6	11.1	0.0	0.0	48.3	8.5	-3.0	0.0	0.0	0.0	0.0	1.0	-153.3
201	17611943.18	4826299.85	3.00	1	E	250	-117.1	11.1	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-152.3
201	17611943.18	4826299.85	3.00	1	E	500	-111.7	11.1	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-147.0
201	17611943.18	4826299.85	3.00	1	E	1000	-42.5	11.1	0.0	0.0	48.3	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-77.9
201	17611943.18	4826299.85	3.00	1	E	2000	-107.3	11.1	0.0	0.0	48.3	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-143.2
201	17611943.18	4826299.85	3.00	1	E	4000	-107.5	11.1	0.0	0.0	48.3	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	-145.0
201	17611943.18	4826299.85	3.00	1	E	8000	-109.6	11.1	0.0	0.0	48.3	8.5	-3.0	0.0	0.0	0.0	0.0	1.0	-153.3
209	17611934.67	4826311.38	3.00	1	D	250	-11.1	9.8	0.0	0.0	48.0	0.1	-3.0	0.0	0.0	7.9	0.0	1.0	-55.2
209	17611934.67	4826311.38	3.00	1	D	500	-5.7	9.8	0.0	0.0	48.0	0.1	-3.0	0.0	0.0	8.0	0.0	1.0	-50.0
209	17611934.67	4826311.38	3.00	1	D	1000	63.5	9.8	0.0	0.0	48.0	0.3	-3.0	0.0	0.0	8.3	0.0	1.0	18.8
209	17611934.67	4826311.38	3.00	1	D	2000	-1.3	9.8	0.0	0.0	48.0	0.7	-3.0	0.0	0.0	8.7	0.0	1.0	-46.9
209	17611934.67	4826311.38	3.00	1	D	4000	-1.5	9.8	0.0	0.0	48.0	2.3	-3.0	0.0	0.0	9.5	0.0	1.0	-49.5
209	17611934.67	4826311.38	3.00	1	D	8000	-3.6	9.8	0.0	0.0	48.0	8.3	-3.0	0.0	0.0	10.7	0.0	1.0	-58.8

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
209	17611934.67	4826311.38	3.00	1	N	250	-117.1	9.8	0.0	0.0	48.0	0.1	-3.0	0.0	0.0	7.9	0.0	1.0	-161.3
209	17611934.67	4826311.38	3.00	1	N	500	-111.7	9.8	0.0	0.0	48.0	0.1	-3.0	0.0	0.0	8.0	0.0	1.0	-156.0
209	17611934.67	4826311.38	3.00	1	N	1000	-42.5	9.8	0.0	0.0	48.0	0.3	-3.0	0.0	0.0	8.3	0.0	1.0	-87.2
209	17611934.67	4826311.38	3.00	1	N	2000	-107.3	9.8	0.0	0.0	48.0	0.7	-3.0	0.0	0.0	8.7	0.0	1.0	-152.9
209	17611934.67	4826311.38	3.00	1	N	4000	-107.5	9.8	0.0	0.0	48.0	2.3	-3.0	0.0	0.0	9.5	0.0	1.0	-155.5
209	17611934.67	4826311.38	3.00	1	N	8000	-109.6	9.8	0.0	0.0	48.0	8.3	-3.0	0.0	0.0	10.7	0.0	1.0	-164.8
209	17611934.67	4826311.38	3.00	1	E	250	-117.1	9.8	0.0	0.0	48.0	0.1	-3.0	0.0	0.0	7.9	0.0	1.0	-161.3
209	17611934.67	4826311.38	3.00	1	E	500	-111.7	9.8	0.0	0.0	48.0	0.1	-3.0	0.0	0.0	8.0	0.0	1.0	-156.0
209	17611934.67	4826311.38	3.00	1	E	1000	-42.5	9.8	0.0	0.0	48.0	0.3	-3.0	0.0	0.0	8.3	0.0	1.0	-87.2
209	17611934.67	4826311.38	3.00	1	E	2000	-107.3	9.8	0.0	0.0	48.0	0.7	-3.0	0.0	0.0	8.7	0.0	1.0	-152.9
209	17611934.67	4826311.38	3.00	1	E	4000	-107.5	9.8	0.0	0.0	48.0	2.3	-3.0	0.0	0.0	9.5	0.0	1.0	-155.5
209	17611934.67	4826311.38	3.00	1	E	8000	-109.6	9.8	0.0	0.0	48.0	8.3	-3.0	0.0	0.0	10.7	0.0	1.0	-164.8
216	17611932.84	4826313.86	3.00	1	D	125	-18.6	12.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	28.0	0.0	1.0	-83.3
216	17611932.84	4826313.86	3.00	1	D	250	-11.1	12.0	0.0	0.0	50.7	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-75.9
216	17611932.84	4826313.86	3.00	1	D	500	-5.7	12.0	0.0	0.0	50.7	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-70.6
216	17611932.84	4826313.86	3.00	1	D	1000	63.5	12.0	0.0	0.0	50.7	0.4	-3.0	0.0	0.0	28.0	0.0	1.0	-1.6
216	17611932.84	4826313.86	3.00	1	D	2000	-1.3	12.0	0.0	0.0	50.7	0.9	-3.0	0.0	0.0	28.0	0.0	1.0	-66.9
216	17611932.84	4826313.86	3.00	1	D	4000	-1.5	12.0	0.0	0.0	50.7	3.2	-3.0	0.0	0.0	28.0	0.0	1.0	-69.4
216	17611932.84	4826313.86	3.00	1	D	8000	-3.6	12.0	0.0	0.0	50.7	11.4	-3.0	0.0	0.0	28.0	0.0	1.0	-79.7
216	17611932.84	4826313.86	3.00	1	N	125	-124.6	12.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	28.0	0.0	1.0	-189.4
216	17611932.84	4826313.86	3.00	1	N	250	-117.1	12.0	0.0	0.0	50.7	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-181.9
216	17611932.84	4826313.86	3.00	1	N	500	-111.7	12.0	0.0	0.0	50.7	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-176.6
216	17611932.84	4826313.86	3.00	1	N	1000	-42.5	12.0	0.0	0.0	50.7	0.4	-3.0	0.0	0.0	28.0	0.0	1.0	-107.6
216	17611932.84	4826313.86	3.00	1	N	2000	-107.3	12.0	0.0	0.0	50.7	0.9	-3.0	0.0	0.0	28.0	0.0	1.0	-173.0
216	17611932.84	4826313.86	3.00	1	N	4000	-107.5	12.0	0.0	0.0	50.7	3.2	-3.0	0.0	0.0	28.0	0.0	1.0	-175.4
216	17611932.84	4826313.86	3.00	1	N	8000	-109.6	12.0	0.0	0.0	50.7	11.4	-3.0	0.0	0.0	28.0	0.0	1.0	-185.7
216	17611932.84	4826313.86	3.00	1	E	125	-124.6	12.0	0.0	0.0	50.7	0.0	-3.0	0.0	0.0	28.0	0.0	1.0	-189.4
216	17611932.84	4826313.86	3.00	1	E	250	-117.1	12.0	0.0	0.0	50.7	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-181.9
216	17611932.84	4826313.86	3.00	1	E	500	-111.7	12.0	0.0	0.0	50.7	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-176.6
216	17611932.84	4826313.86	3.00	1	E	1000	-42.5	12.0	0.0	0.0	50.7	0.4	-3.0	0.0	0.0	28.0	0.0	1.0	-107.6
216	17611932.84	4826313.86	3.00	1	E	2000	-107.3	12.0	0.0	0.0	50.7	0.9	-3.0	0.0	0.0	28.0	0.0	1.0	-173.0
216	17611932.84	4826313.86	3.00	1	E	4000	-107.5	12.0	0.0	0.0	50.7	3.2	-3.0	0.0	0.0	28.0	0.0	1.0	-175.4
216	17611932.84	4826313.86	3.00	1	E	8000	-109.6	12.0	0.0	0.0	50.7	11.4	-3.0	0.0	0.0	28.0	0.0	1.0	-185.7
219	17611942.29	4826301.05	3.00	1	D	125	-18.6	12.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	28.0	0.0	1.0	-84.6
219	17611942.29	4826301.05	3.00	1	D	250	-11.1	12.0	0.0	0.0	52.0	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-77.2
219	17611942.29	4826301.05	3.00	1	D	500	-5.7	12.0	0.0	0.0	52.0	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-71.9
219	17611942.29	4826301.05	3.00	1	D	1000	63.5	12.0	0.0	0.0	52.0	0.4	-3.0	0.0	0.0	28.0	0.0	1.0	-2.9
219	17611942.29	4826301.05	3.00	1	D	2000	-1.3	12.0	0.0	0.0	52.0	1.1	-3.0	0.0	0.0	28.0	0.0	1.0	-68.4
219	17611942.29	4826301.05	3.00	1	D	4000	-1.5	12.0	0.0	0.0	52.0	3.7	-3.0	0.0	0.0	28.0	0.0	1.0	-71.2
219	17611942.29	4826301.05	3.00	1	D	8000	-3.6	12.0	0.0	0.0	52.0	13.2	-3.0	0.0	0.0	28.0	0.0	1.0	-82.8
219	17611942.29	4826301.05	3.00	1	N	125	-124.6	12.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	28.0	0.0	1.0	-190.7
219	17611942.29	4826301.05	3.00	1	N	250	-117.1	12.0	0.0	0.0	52.0	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-183.2
219	17611942.29	4826301.05	3.00	1	N	500	-111.7	12.0	0.0	0.0	52.0	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-177.9
219	17611942.29	4826301.05	3.00	1	N	1000	-42.5	12.0	0.0	0.0	52.0	0.4	-3.0	0.0	0.0	28.0	0.0	1.0	-108.9
219	17611942.29	4826301.05	3.00	1	N	2000	-107.3	12.0	0.0	0.0	52.0	1.1	-3.0	0.0	0.0	28.0	0.0	1.0	-174.4
219	17611942.29	4826301.05	3.00	1	N	4000	-107.5	12.0	0.0	0.0	52.0	3.7	-3.0	0.0	0.0	28.0	0.0	1.0	-177.2
219	17611942.29	4826301.05	3.00	1	N	8000	-109.6	12.0	0.0	0.0	52.0	13.2	-3.0	0.0	0.0	28.0	0.0	1.0	-188.8
219	17611942.29	4826301.05	3.00	1	E	125	-124.6	12.0	0.0	0.0	52.0	0.0	-3.0	0.0	0.0	28.0	0.0	1.0	-190.7
219	17611942.29	4826301.05	3.00	1	E	250	-117.1	12.0	0.0	0.0	52.0	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-183.2
219	17611942.29	4826301.05	3.00	1	E	500	-111.7	12.0	0.0	0.0	52.0	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-177.9
219	17611942.29	4826301.05	3.00	1	E	1000	-42.5	12.0	0.0	0.0	52.0	0.4	-3.0	0.0	0.0	28.0	0.0	1.0	-108.9
219	17611942.29	4826301.05	3.00	1	E	2000	-107.3	12.0	0.0	0.0	52.0	1.1	-3.0	0.0	0.0	28.0	0.0	1.0	-174.4
219	17611942.29	4826301.05	3.00	1	E	4000	-107.5	12.0	0.0	0.0	52.0	3.7	-3.0	0.0	0.0	28.0	0.0	1.0	-177.2
219	17611942.29	4826301.05	3.00	1	E	8000	-109.6	12.0	0.0	0.0	52.0	13.2	-3.0	0.0	0.0	28.0	0.0	1.0	-188.8
222	17611934.11	4826312.14	3.00	1	D	63	-28.7	13.1	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-60.0
222	17611934.11	4826312.14	3.00	1	D	125	-18.6	13.1	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-49.9
222	17611934.11	4826312.14	3.00	1	D	250	-11.1	13.1	0.0	0.0	46.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-42.5
222	17611934.11	4826312.14	3.00	1	D	500	-5.7	13.1	0.0	0.0	46.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-37.1
222	17611934.11	4826312.14	3.00	1	D	1000	63.5	13.1	0.0	0.0	46.4	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	32.0
222	17611934.11	4826312.14	3.00	1	D	2000	-1.3	13.1	0.0	0.0	46.4	0.6	-3.0	0.0	0.0	0.0	0.0	1.0	-33.2
222	17611934.11	4826312.14	3.00	1	D	4000	-1.5	13.1	0.0	0.0	46.4	1.9	-3.0	0.0	0.0	0.0	0.0	1.0	-34.7
222	17611934.11	4826312.14	3.00	1	D	8000	-3.6	13.1	0.0	0.0	46.4	6.9	-3.0	0.0	0.0	0.0	0.0	1.0	-41.8
222	17611934.11	4826312.14	3.00	1	N	63	-134.7	13.1	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-166.0

Sample Calculation: Rc Unmitigated

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
222	17611934.11	4826312.14	3.00	1	N	125	-124.6	13.1	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-156.0
222	17611934.11	4826312.14	3.00	1	N	250	-117.1	13.1	0.0	0.0	46.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-148.5
222	17611934.11	4826312.14	3.00	1	N	500	-111.7	13.1	0.0	0.0	46.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-143.2
222	17611934.11	4826312.14	3.00	1	N	1000	-42.5	13.1	0.0	0.0	46.4	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-74.1
222	17611934.11	4826312.14	3.00	1	N	2000	-107.3	13.1	0.0	0.0	46.4	0.6	-3.0	0.0	0.0	0.0	0.0	1.0	-139.2
222	17611934.11	4826312.14	3.00	1	N	4000	-107.5	13.1	0.0	0.0	46.4	1.9	-3.0	0.0	0.0	0.0	0.0	1.0	-140.8
222	17611934.11	4826312.14	3.00	1	N	8000	-109.6	13.1	0.0	0.0	46.4	6.9	-3.0	0.0	0.0	0.0	0.0	1.0	-147.8
222	17611934.11	4826312.14	3.00	1	E	63	-134.7	13.1	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-166.0
222	17611934.11	4826312.14	3.00	1	E	125	-124.6	13.1	0.0	0.0	46.4	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-156.0
222	17611934.11	4826312.14	3.00	1	E	250	-117.1	13.1	0.0	0.0	46.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-148.5
222	17611934.11	4826312.14	3.00	1	E	500	-111.7	13.1	0.0	0.0	46.4	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-143.2
222	17611934.11	4826312.14	3.00	1	E	1000	-42.5	13.1	0.0	0.0	46.4	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-74.1
222	17611934.11	4826312.14	3.00	1	E	2000	-107.3	13.1	0.0	0.0	46.4	0.6	-3.0	0.0	0.0	0.0	0.0	1.0	-139.2
222	17611934.11	4826312.14	3.00	1	E	4000	-107.5	13.1	0.0	0.0	46.4	1.9	-3.0	0.0	0.0	0.0	0.0	1.0	-140.8
222	17611934.11	4826312.14	3.00	1	E	8000	-109.6	13.1	0.0	0.0	46.4	6.9	-3.0	0.0	0.0	0.0	0.0	1.0	-147.8
225	17611942.93	4826300.18	3.00	1	D	63	-28.7	9.8	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-64.6
225	17611942.93	4826300.18	3.00	1	D	125	-18.6	9.8	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-54.5
225	17611942.93	4826300.18	3.00	1	D	250	-11.1	9.8	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-47.0
225	17611942.93	4826300.18	3.00	1	D	500	-5.7	9.8	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-41.7
225	17611942.93	4826300.18	3.00	1	D	1000	63.5	9.8	0.0	0.0	47.7	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	27.4
225	17611942.93	4826300.18	3.00	1	D	2000	-1.3	9.8	0.0	0.0	47.7	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-37.8
225	17611942.93	4826300.18	3.00	1	D	4000	-1.5	9.8	0.0	0.0	47.7	2.2	-3.0	0.0	0.0	0.0	0.0	1.0	-39.6
225	17611942.93	4826300.18	3.00	1	D	8000	-3.6	9.8	0.0	0.0	47.7	8.0	-3.0	0.0	0.0	0.0	0.0	1.0	-47.4
225	17611942.93	4826300.18	3.00	1	N	63	-134.7	9.8	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-170.6
225	17611942.93	4826300.18	3.00	1	N	125	-124.6	9.8	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-160.5
225	17611942.93	4826300.18	3.00	1	N	250	-117.1	9.8	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-153.0
225	17611942.93	4826300.18	3.00	1	N	500	-111.7	9.8	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-147.7
225	17611942.93	4826300.18	3.00	1	N	1000	-42.5	9.8	0.0	0.0	47.7	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-78.6
225	17611942.93	4826300.18	3.00	1	N	2000	-107.3	9.8	0.0	0.0	47.7	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-143.8
225	17611942.93	4826300.18	3.00	1	N	4000	-107.5	9.8	0.0	0.0	47.7	2.2	-3.0	0.0	0.0	0.0	0.0	1.0	-145.6
225	17611942.93	4826300.18	3.00	1	N	8000	-109.6	9.8	0.0	0.0	47.7	8.0	-3.0	0.0	0.0	0.0	0.0	1.0	-153.4
225	17611942.93	4826300.18	3.00	1	E	63	-134.7	9.8	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-170.6
225	17611942.93	4826300.18	3.00	1	E	125	-124.6	9.8	0.0	0.0	47.7	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-160.5
225	17611942.93	4826300.18	3.00	1	E	250	-117.1	9.8	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-153.0
225	17611942.93	4826300.18	3.00	1	E	500	-111.7	9.8	0.0	0.0	47.7	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-147.7
225	17611942.93	4826300.18	3.00	1	E	1000	-42.5	9.8	0.0	0.0	47.7	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-78.6
225	17611942.93	4826300.18	3.00	1	E	2000	-107.3	9.8	0.0	0.0	47.7	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-143.8
225	17611942.93	4826300.18	3.00	1	E	4000	-107.5	9.8	0.0	0.0	47.7	2.2	-3.0	0.0	0.0	0.0	0.0	1.0	-145.6
225	17611942.93	4826300.18	3.00	1	E	8000	-109.6	9.8	0.0	0.0	47.7	8.0	-3.0	0.0	0.0	0.0	0.0	1.0	-153.4
231	17611946.39	4826295.50	3.00	1	D	63	-28.7	3.2	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-71.6
231	17611946.39	4826295.50	3.00	1	D	125	-18.6	3.2	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-61.5
231	17611946.39	4826295.50	3.00	1	D	250	-11.1	3.2	0.0	0.0	48.2	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-54.1
231	17611946.39	4826295.50	3.00	1	D	500	-5.7	3.2	0.0	0.0	48.2	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-48.7
231	17611946.39	4826295.50	3.00	1	D	1000	63.5	3.2	0.0	0.0	48.2	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	20.3
231	17611946.39	4826295.50	3.00	1	D	2000	-1.3	3.2	0.0	0.0	48.2	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-44.9
231	17611946.39	4826295.50	3.00	1	D	4000	-1.5	3.2	0.0	0.0	48.2	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	-46.8
231	17611946.39	4826295.50	3.00	1	D	8000	-3.6	3.2	0.0	0.0	48.2	8.4	-3.0	0.0	0.0	0.0	0.0	1.0	-54.9
231	17611946.39	4826295.50	3.00	1	N	63	-134.7	3.2	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-177.6
231	17611946.39	4826295.50	3.00	1	N	125	-124.6	3.2	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-167.6
231	17611946.39	4826295.50	3.00	1	N	250	-117.1	3.2	0.0	0.0	48.2	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-160.1
231	17611946.39	4826295.50	3.00	1	N	500	-111.7	3.2	0.0	0.0	48.2	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-154.8
231	17611946.39	4826295.50	3.00	1	N	1000	-42.5	3.2	0.0	0.0	48.2	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-85.7
231	17611946.39	4826295.50	3.00	1	N	2000	-107.3	3.2	0.0	0.0	48.2	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-150.9
231	17611946.39	4826295.50	3.00	1	N	4000	-107.5	3.2	0.0	0.0	48.2	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	-152.8
231	17611946.39	4826295.50	3.00	1	N	8000	-109.6	3.2	0.0	0.0	48.2	8.4	-3.0	0.0	0.0	0.0	0.0	1.0	-161.0
231	17611946.39	4826295.50	3.00	1	E	63	-134.7	3.2	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-177.6
231	17611946.39	4826295.50	3.00	1	E	125	-124.6	3.2	0.0	0.0	48.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-167.6
231	17611946.39	4826295.50	3.00	1	E	250	-117.1	3.2	0.0	0.0	48.2	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-160.1
231	17611946.39	4826295.50	3.00	1	E	500	-111.7	3.2	0.0	0.0	48.2	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-154.8
231	17611946.39	4826295.50	3.00	1	E	1000	-42.5	3.2	0.0	0.0	48.2	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-85.7
231	17611946.39	4826295.50	3.00	1	E	2000	-107.3	3.2	0.0	0.0	48.2	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-150.9
231	17611946.39	4826295.50	3.00	1	E	4000	-107.5	3.2	0.0	0.0	48.2	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	-152.8
231	17611946.39	4826295.50	3.00	1	E	8000	-109.6	3.2	0.0	0.0	48.2	8.4	-3.0	0.0	0.0	0.0	0.0	1.0	-161.0

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
237	17611933.30	4826313.24	3.00	2	D	500	-5.7	10.2	0.0	0.0	48.9	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-43.5
237	17611933.30	4826313.24	3.00	2	D	1000	63.5	10.2	0.0	0.0	48.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	25.5
237	17611933.30	4826313.24	3.00	2	D	2000	-1.3	10.2	0.0	0.0	48.9	0.8	-3.0	0.0	0.0	0.0	0.0	2.0	-39.7
237	17611933.30	4826313.24	3.00	2	D	4000	-1.5	10.2	0.0	0.0	48.9	2.6	-3.0	0.0	0.0	0.0	0.0	2.0	-41.7
237	17611933.30	4826313.24	3.00	2	D	8000	-3.6	10.2	0.0	0.0	48.9	9.1	-3.0	0.0	0.0	0.0	0.0	2.0	-50.4
237	17611933.30	4826313.24	3.00	2	N	500	-111.7	10.2	0.0	0.0	48.9	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-149.6
237	17611933.30	4826313.24	3.00	2	N	1000	-42.5	10.2	0.0	0.0	48.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	-80.5
237	17611933.30	4826313.24	3.00	2	N	2000	-107.3	10.2	0.0	0.0	48.9	0.8	-3.0	0.0	0.0	0.0	0.0	2.0	-145.8
237	17611933.30	4826313.24	3.00	2	N	4000	-107.5	10.2	0.0	0.0	48.9	2.6	-3.0	0.0	0.0	0.0	0.0	2.0	-147.8
237	17611933.30	4826313.24	3.00	2	N	8000	-109.6	10.2	0.0	0.0	48.9	9.1	-3.0	0.0	0.0	0.0	0.0	2.0	-156.4
237	17611933.30	4826313.24	3.00	2	E	500	-111.7	10.2	0.0	0.0	48.9	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-149.6
237	17611933.30	4826313.24	3.00	2	E	1000	-42.5	10.2	0.0	0.0	48.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	-80.5
237	17611933.30	4826313.24	3.00	2	E	2000	-107.3	10.2	0.0	0.0	48.9	0.8	-3.0	0.0	0.0	0.0	0.0	2.0	-145.8
237	17611933.30	4826313.24	3.00	2	E	4000	-107.5	10.2	0.0	0.0	48.9	2.6	-3.0	0.0	0.0	0.0	0.0	2.0	-147.8
237	17611933.30	4826313.24	3.00	2	E	8000	-109.6	10.2	0.0	0.0	48.9	9.1	-3.0	0.0	0.0	0.0	0.0	2.0	-156.4
240	17611929.27	4826318.70	3.00	2	D	250	-11.1	5.9	0.0	0.0	47.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-52.1
240	17611929.27	4826318.70	3.00	2	D	500	-5.7	5.9	0.0	0.0	47.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-46.8
240	17611929.27	4826318.70	3.00	2	D	1000	63.5	5.9	0.0	0.0	47.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	22.3
240	17611929.27	4826318.70	3.00	2	D	2000	-1.3	5.9	0.0	0.0	47.9	0.7	-3.0	0.0	0.0	0.0	0.0	2.0	-42.9
240	17611929.27	4826318.70	3.00	2	D	4000	-1.5	5.9	0.0	0.0	47.9	2.3	-3.0	0.0	0.0	0.0	0.0	2.0	-44.7
240	17611929.27	4826318.70	3.00	2	D	8000	-3.6	5.9	0.0	0.0	47.9	8.2	-3.0	0.0	0.0	0.0	0.0	2.0	-52.7
240	17611929.27	4826318.70	3.00	2	N	250	-117.1	5.9	0.0	0.0	47.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-158.1
240	17611929.27	4826318.70	3.00	2	N	500	-111.7	5.9	0.0	0.0	47.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-152.8
240	17611929.27	4826318.70	3.00	2	N	1000	-42.5	5.9	0.0	0.0	47.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	-83.7
240	17611929.27	4826318.70	3.00	2	N	2000	-107.3	5.9	0.0	0.0	47.9	0.7	-3.0	0.0	0.0	0.0	0.0	2.0	-148.9
240	17611929.27	4826318.70	3.00	2	N	4000	-107.5	5.9	0.0	0.0	47.9	2.3	-3.0	0.0	0.0	0.0	0.0	2.0	-150.7
240	17611929.27	4826318.70	3.00	2	N	8000	-109.6	5.9	0.0	0.0	47.9	8.2	-3.0	0.0	0.0	0.0	0.0	2.0	-158.7
240	17611929.27	4826318.70	3.00	2	E	250	-117.1	5.9	0.0	0.0	47.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-158.1
240	17611929.27	4826318.70	3.00	2	E	500	-111.7	5.9	0.0	0.0	47.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-152.8
240	17611929.27	4826318.70	3.00	2	E	1000	-42.5	5.9	0.0	0.0	47.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	-83.7
240	17611929.27	4826318.70	3.00	2	E	2000	-107.3	5.9	0.0	0.0	47.9	0.7	-3.0	0.0	0.0	0.0	0.0	2.0	-148.9
240	17611929.27	4826318.70	3.00	2	E	4000	-107.5	5.9	0.0	0.0	47.9	2.3	-3.0	0.0	0.0	0.0	0.0	2.0	-150.7
240	17611929.27	4826318.70	3.00	2	E	8000	-109.6	5.9	0.0	0.0	47.9	8.2	-3.0	0.0	0.0	0.0	0.0	2.0	-158.7
243	17611937.31	4826307.80	3.00	2	D	250	-11.1	3.7	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	7.8	0.0	2.0	-64.1
243	17611937.31	4826307.80	3.00	2	D	500	-5.7	3.7	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	7.8	0.0	2.0	-58.8
243	17611937.31	4826307.80	3.00	2	D	1000	63.5	3.7	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	7.8	0.0	2.0	10.2
243	17611937.31	4826307.80	3.00	2	D	2000	-1.3	3.7	0.0	0.0	49.9	0.8	-3.0	0.0	0.0	7.8	0.0	2.0	-55.1
243	17611937.31	4826307.80	3.00	2	D	4000	-1.5	3.7	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	7.8	0.0	2.0	-57.4
243	17611937.31	4826307.80	3.00	2	D	8000	-3.6	3.7	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	7.8	0.0	2.0	-66.9
243	17611937.31	4826307.80	3.00	2	N	250	-117.1	3.7	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	7.8	0.0	2.0	-170.2
243	17611937.31	4826307.80	3.00	2	N	500	-111.7	3.7	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	7.8	0.0	2.0	-164.8
243	17611937.31	4826307.80	3.00	2	N	1000	-42.5	3.7	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	7.8	0.0	2.0	-95.8
243	17611937.31	4826307.80	3.00	2	N	2000	-107.3	3.7	0.0	0.0	49.9	0.8	-3.0	0.0	0.0	7.8	0.0	2.0	-161.1
243	17611937.31	4826307.80	3.00	2	N	4000	-107.5	3.7	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	7.8	0.0	2.0	-163.4
243	17611937.31	4826307.80	3.00	2	N	8000	-109.6	3.7	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	7.8	0.0	2.0	-172.9
243	17611937.31	4826307.80	3.00	2	E	250	-117.1	3.7	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	7.8	0.0	2.0	-170.2
243	17611937.31	4826307.80	3.00	2	E	500	-111.7	3.7	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	7.8	0.0	2.0	-164.8
243	17611937.31	4826307.80	3.00	2	E	1000	-42.5	3.7	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	7.8	0.0	2.0	-95.8
243	17611937.31	4826307.80	3.00	2	E	2000	-107.3	3.7	0.0	0.0	49.9	0.8	-3.0	0.0	0.0	7.8	0.0	2.0	-161.1
243	17611937.31	4826307.80	3.00	2	E	4000	-107.5	3.7	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	7.8	0.0	2.0	-163.4
243	17611937.31	4826307.80	3.00	2	E	8000	-109.6	3.7	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	7.8	0.0	2.0	-172.9
246	17611942.48	4826300.79	3.00	2	D	250	-11.1	11.8	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-48.3
246	17611942.48	4826300.79	3.00	2	D	500	-5.7	11.8	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-43.0
246	17611942.48	4826300.79	3.00	2	D	1000	63.5	11.8	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	26.0
246	17611942.48	4826300.79	3.00	2	D	2000	-1.3	11.8	0.0	0.0	49.9	0.9	-3.0	0.0	0.0	0.0	0.0	2.0	-39.3
246	17611942.48	4826300.79	3.00	2	D	4000	-1.5	11.8	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	0.0	0.0	2.0	-41.5
246	17611942.48	4826300.79	3.00	2	D	8000	-3.6	11.8	0.0	0.0	49.9	10.4	-3.0	0.0	0.0	0.0	0.0	2.0	-51.1
246	17611942.48	4826300.79	3.00	2	N	250	-117.1	11.8	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-154.4
246	17611942.48	4826300.79	3.00	2	N	500	-111.7	11.8	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-149.0
246	17611942.48	4826300.79	3.00	2	N	1000	-42.5	11.8	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	-80.0
246	17611942.48	4826300.79	3.00	2	N	2000	-107.3	11.8	0.0	0.0	49.9	0.9	-3.0	0.0	0.0	0.0	0.0	2.0	-145.3
246	17611942.48	4826300.79	3.00	2	N	4000	-107.5	11.8	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	0.0	0.0	2.0	-147.6
246	17611942.48	4826300.79	3.00	2	N	8000	-109.6	11.8	0.0	0.0	49.9	10.4	-3.0	0.0	0.0	0.0	0.0	2.0	-157.1

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
246	17611942.48	4826300.79	3.00	2	E	250	-117.1	11.8	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-154.4
246	17611942.48	4826300.79	3.00	2	E	500	-111.7	11.8	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-149.0
246	17611942.48	4826300.79	3.00	2	E	1000	-42.5	11.8	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	-80.0
246	17611942.48	4826300.79	3.00	2	E	2000	-107.3	11.8	0.0	0.0	49.9	0.9	-3.0	0.0	0.0	0.0	0.0	2.0	-145.3
246	17611942.48	4826300.79	3.00	2	E	4000	-107.5	11.8	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	0.0	0.0	2.0	-147.6
246	17611942.48	4826300.79	3.00	2	E	8000	-109.6	11.8	0.0	0.0	49.9	10.4	-3.0	0.0	0.0	0.0	0.0	2.0	-157.1
249	17611946.99	4826294.69	3.00	2	D	250	-11.1	-10.1	0.0	0.0	50.1	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-70.4
249	17611946.99	4826294.69	3.00	2	D	500	-5.7	-10.1	0.0	0.0	50.1	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-65.1
249	17611946.99	4826294.69	3.00	2	D	1000	63.5	-10.1	0.0	0.0	50.1	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	4.0
249	17611946.99	4826294.69	3.00	2	D	2000	-1.3	-10.1	0.0	0.0	50.1	0.9	-3.0	0.0	0.0	0.0	0.0	2.0	-61.4
249	17611946.99	4826294.69	3.00	2	D	4000	-1.5	-10.1	0.0	0.0	50.1	2.9	-3.0	0.0	0.0	0.0	0.0	2.0	-63.6
249	17611946.99	4826294.69	3.00	2	D	8000	-3.6	-10.1	0.0	0.0	50.1	10.5	-3.0	0.0	0.0	0.0	0.0	2.0	-73.3
249	17611946.99	4826294.69	3.00	2	N	250	-117.1	-10.1	0.0	0.0	50.1	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-176.4
249	17611946.99	4826294.69	3.00	2	N	500	-111.7	-10.1	0.0	0.0	50.1	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-171.1
249	17611946.99	4826294.69	3.00	2	N	1000	-42.5	-10.1	0.0	0.0	50.1	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	-102.0
249	17611946.99	4826294.69	3.00	2	N	2000	-107.3	-10.1	0.0	0.0	50.1	0.9	-3.0	0.0	0.0	0.0	0.0	2.0	-167.4
249	17611946.99	4826294.69	3.00	2	N	4000	-107.5	-10.1	0.0	0.0	50.1	2.9	-3.0	0.0	0.0	0.0	0.0	2.0	-169.7
249	17611946.99	4826294.69	3.00	2	N	8000	-109.6	-10.1	0.0	0.0	50.1	10.5	-3.0	0.0	0.0	0.0	0.0	2.0	-179.3
249	17611946.99	4826294.69	3.00	2	E	250	-117.1	-10.1	0.0	0.0	50.1	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-176.4
249	17611946.99	4826294.69	3.00	2	E	500	-111.7	-10.1	0.0	0.0	50.1	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-171.1
249	17611946.99	4826294.69	3.00	2	E	1000	-42.5	-10.1	0.0	0.0	50.1	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	-102.0
249	17611946.99	4826294.69	3.00	2	E	2000	-107.3	-10.1	0.0	0.0	50.1	0.9	-3.0	0.0	0.0	0.0	0.0	2.0	-167.4
249	17611946.99	4826294.69	3.00	2	E	4000	-107.5	-10.1	0.0	0.0	50.1	2.9	-3.0	0.0	0.0	0.0	0.0	2.0	-169.7
249	17611946.99	4826294.69	3.00	2	E	8000	-109.6	-10.1	0.0	0.0	50.1	10.5	-3.0	0.0	0.0	0.0	0.0	2.0	-179.3
263	17611933.91	4826312.41	3.00	2	D	250	-11.1	9.7	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	8.0	0.0	2.0	-58.4
263	17611933.91	4826312.41	3.00	2	D	500	-5.7	9.7	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	8.3	0.0	2.0	-53.3
263	17611933.91	4826312.41	3.00	2	D	1000	63.5	9.7	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	8.7	0.0	2.0	15.3
263	17611933.91	4826312.41	3.00	2	D	2000	-1.3	9.7	0.0	0.0	49.9	0.8	-3.0	0.0	0.0	9.5	0.0	2.0	-50.8
263	17611933.91	4826312.41	3.00	2	D	4000	-1.5	9.7	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	10.8	0.0	2.0	-54.3
263	17611933.91	4826312.41	3.00	2	D	8000	-3.6	9.7	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	12.5	0.0	2.0	-65.6
263	17611933.91	4826312.41	3.00	2	N	250	-117.1	9.7	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	8.0	0.0	2.0	-164.4
263	17611933.91	4826312.41	3.00	2	N	500	-111.7	9.7	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	8.3	0.0	2.0	-159.3
263	17611933.91	4826312.41	3.00	2	N	1000	-42.5	9.7	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	8.7	0.0	2.0	-90.7
263	17611933.91	4826312.41	3.00	2	N	2000	-107.3	9.7	0.0	0.0	49.9	0.8	-3.0	0.0	0.0	9.5	0.0	2.0	-156.9
263	17611933.91	4826312.41	3.00	2	N	4000	-107.5	9.7	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	10.8	0.0	2.0	-160.3
263	17611933.91	4826312.41	3.00	2	N	8000	-109.6	9.7	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	12.5	0.0	2.0	-171.6
263	17611933.91	4826312.41	3.00	2	E	250	-117.1	9.7	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	8.0	0.0	2.0	-164.4
263	17611933.91	4826312.41	3.00	2	E	500	-111.7	9.7	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	8.3	0.0	2.0	-159.3
263	17611933.91	4826312.41	3.00	2	E	1000	-42.5	9.7	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	8.7	0.0	2.0	-90.7
263	17611933.91	4826312.41	3.00	2	E	2000	-107.3	9.7	0.0	0.0	49.9	0.8	-3.0	0.0	0.0	9.5	0.0	2.0	-156.9
263	17611933.91	4826312.41	3.00	2	E	4000	-107.5	9.7	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	10.8	0.0	2.0	-160.3
263	17611933.91	4826312.41	3.00	2	E	8000	-109.6	9.7	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	12.5	0.0	2.0	-171.6
274	17611867.27	4826349.35	3.00	0	D	32	-41.9	13.7	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-80.4
274	17611867.27	4826349.35	3.00	0	D	63	-28.7	13.7	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-68.6
274	17611867.27	4826349.35	3.00	0	D	125	-18.6	13.7	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-60.5
274	17611867.27	4826349.35	3.00	0	D	250	-11.1	13.7	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	12.3	0.0	0.0	-55.3
274	17611867.27	4826349.35	3.00	0	D	500	-5.7	13.7	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	14.8	0.0	0.0	-52.5
274	17611867.27	4826349.35	3.00	0	D	1000	63.5	13.7	0.0	0.0	48.6	0.3	-3.0	0.0	0.0	17.4	0.0	0.0	14.0
274	17611867.27	4826349.35	3.00	0	D	2000	-1.3	13.7	0.0	0.0	48.6	0.7	-3.0	0.0	0.0	20.0	0.0	0.0	-53.8
274	17611867.27	4826349.35	3.00	0	D	4000	-1.5	13.7	0.0	0.0	48.6	2.5	-3.0	0.0	0.0	22.3	0.0	0.0	-58.1
274	17611867.27	4826349.35	3.00	0	D	8000	-3.6	13.7	0.0	0.0	48.6	8.8	-3.0	0.0	0.0	24.3	0.0	0.0	-68.6
274	17611867.27	4826349.35	3.00	0	N	32	-147.9	13.7	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-186.5
274	17611867.27	4826349.35	3.00	0	N	63	-134.7	13.7	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-174.6
274	17611867.27	4826349.35	3.00	0	N	125	-124.6	13.7	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-166.5
274	17611867.27	4826349.35	3.00	0	N	250	-117.1	13.7	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	12.3	0.0	0.0	-161.3
274	17611867.27	4826349.35	3.00	0	N	500	-111.7	13.7	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	14.8	0.0	0.0	-158.5
274	17611867.27	4826349.35	3.00	0	N	1000	-42.5	13.7	0.0	0.0	48.6	0.3	-3.0	0.0	0.0	17.4	0.0	0.0	-92.1
274	17611867.27	4826349.35	3.00	0	N	2000	-107.3	13.7	0.0	0.0	48.6	0.7	-3.0	0.0	0.0	20.0	0.0	0.0	-159.9
274	17611867.27	4826349.35	3.00	0	N	4000	-107.5	13.7	0.0	0.0	48.6	2.5	-3.0	0.0	0.0	22.3	0.0	0.0	-164.2
274	17611867.27	4826349.35	3.00	0	N	8000	-109.6	13.7	0.0	0.0	48.6	8.8	-3.0	0.0	0.0	24.3	0.0	0.0	-174.6
274	17611867.27	4826349.35	3.00	0	E	32	-147.9	13.7	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	6.7	0.0	0.0	-186.5
274	17611867.27	4826349.35	3.00	0	E	63	-134.7	13.7	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-174.6
274	17611867.27	4826349.35	3.00	0	E	125	-124.6	13.7	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	10.0	0.0	0.0	-166.5

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
274	17611867.27	4826349.35	3.00	0	E	250	-117.1	13.7	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	12.3	0.0	0.0	-161.3
274	17611867.27	4826349.35	3.00	0	E	500	-111.7	13.7	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	14.8	0.0	0.0	-158.5
274	17611867.27	4826349.35	3.00	0	E	1000	-42.5	13.7	0.0	0.0	48.6	0.3	-3.0	0.0	0.0	17.4	0.0	0.0	-92.1
274	17611867.27	4826349.35	3.00	0	E	2000	-107.3	13.7	0.0	0.0	48.6	0.7	-3.0	0.0	0.0	20.0	0.0	0.0	-159.9
274	17611867.27	4826349.35	3.00	0	E	4000	-107.5	13.7	0.0	0.0	48.6	2.5	-3.0	0.0	0.0	22.3	0.0	0.0	-164.2
274	17611867.27	4826349.35	3.00	0	E	8000	-109.6	13.7	0.0	0.0	48.6	8.8	-3.0	0.0	0.0	24.3	0.0	0.0	-174.6
294	17611886.27	4826335.70	3.00	0	D	32	-41.9	13.7	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	5.7	0.0	0.0	-77.4
294	17611886.27	4826335.70	3.00	0	D	63	-28.7	13.7	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	6.6	0.0	0.0	-65.1
294	17611886.27	4826335.70	3.00	0	D	125	-18.6	13.7	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-56.4
294	17611886.27	4826335.70	3.00	0	D	250	-11.1	13.7	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	9.8	0.0	0.0	-50.7
294	17611886.27	4826335.70	3.00	0	D	500	-5.7	13.7	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	12.0	0.0	0.0	-47.6
294	17611886.27	4826335.70	3.00	0	D	1000	63.5	13.7	0.0	0.0	46.5	0.2	-3.0	0.0	0.0	14.6	0.0	0.0	19.0
294	17611886.27	4826335.70	3.00	0	D	2000	-1.3	13.7	0.0	0.0	46.5	0.6	-3.0	0.0	0.0	17.2	0.0	0.0	-48.8
294	17611886.27	4826335.70	3.00	0	D	4000	-1.5	13.7	0.0	0.0	46.5	1.9	-3.0	0.0	0.0	19.7	0.0	0.0	-52.9
294	17611886.27	4826335.70	3.00	0	D	8000	-3.6	13.7	0.0	0.0	46.5	6.9	-3.0	0.0	0.0	22.1	0.0	0.0	-62.4
294	17611886.27	4826335.70	3.00	0	N	32	-147.9	13.7	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	5.7	0.0	0.0	-183.4
294	17611886.27	4826335.70	3.00	0	N	63	-134.7	13.7	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	6.6	0.0	0.0	-171.1
294	17611886.27	4826335.70	3.00	0	N	125	-124.6	13.7	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-162.4
294	17611886.27	4826335.70	3.00	0	N	250	-117.1	13.7	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	9.8	0.0	0.0	-156.8
294	17611886.27	4826335.70	3.00	0	N	500	-111.7	13.7	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	12.0	0.0	0.0	-153.6
294	17611886.27	4826335.70	3.00	0	N	1000	-42.5	13.7	0.0	0.0	46.5	0.2	-3.0	0.0	0.0	14.6	0.0	0.0	-87.1
294	17611886.27	4826335.70	3.00	0	N	2000	-107.3	13.7	0.0	0.0	46.5	0.6	-3.0	0.0	0.0	17.2	0.0	0.0	-154.8
294	17611886.27	4826335.70	3.00	0	N	4000	-107.5	13.7	0.0	0.0	46.5	1.9	-3.0	0.0	0.0	19.7	0.0	0.0	-159.0
294	17611886.27	4826335.70	3.00	0	N	8000	-109.6	13.7	0.0	0.0	46.5	6.9	-3.0	0.0	0.0	22.1	0.0	0.0	-168.4
294	17611886.27	4826335.70	3.00	0	E	32	-147.9	13.7	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	5.7	0.0	0.0	-183.4
294	17611886.27	4826335.70	3.00	0	E	63	-134.7	13.7	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	6.6	0.0	0.0	-171.1
294	17611886.27	4826335.70	3.00	0	E	125	-124.6	13.7	0.0	0.0	46.5	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-162.4
294	17611886.27	4826335.70	3.00	0	E	250	-117.1	13.7	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	9.8	0.0	0.0	-156.8
294	17611886.27	4826335.70	3.00	0	E	500	-111.7	13.7	0.0	0.0	46.5	0.1	-3.0	0.0	0.0	12.0	0.0	0.0	-153.6
294	17611886.27	4826335.70	3.00	0	E	1000	-42.5	13.7	0.0	0.0	46.5	0.2	-3.0	0.0	0.0	14.6	0.0	0.0	-87.1
294	17611886.27	4826335.70	3.00	0	E	2000	-107.3	13.7	0.0	0.0	46.5	0.6	-3.0	0.0	0.0	17.2	0.0	0.0	-154.8
294	17611886.27	4826335.70	3.00	0	E	4000	-107.5	13.7	0.0	0.0	46.5	1.9	-3.0	0.0	0.0	19.7	0.0	0.0	-159.0
294	17611886.27	4826335.70	3.00	0	E	8000	-109.6	13.7	0.0	0.0	46.5	6.9	-3.0	0.0	0.0	22.1	0.0	0.0	-168.4
344	17611941.58	4826277.24	3.00	0	D	32	-41.9	8.1	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-79.5
344	17611941.58	4826277.24	3.00	0	D	63	-28.7	8.1	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-66.3
344	17611941.58	4826277.24	3.00	0	D	125	-18.6	8.1	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-56.2
344	17611941.58	4826277.24	3.00	0	D	250	-11.1	8.1	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-48.7
344	17611941.58	4826277.24	3.00	0	D	500	-5.7	8.1	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-43.4
344	17611941.58	4826277.24	3.00	0	D	1000	63.5	8.1	0.0	0.0	48.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	25.7
344	17611941.58	4826277.24	3.00	0	D	2000	-1.3	8.1	0.0	0.0	48.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	-39.6
344	17611941.58	4826277.24	3.00	0	D	4000	-1.5	8.1	0.0	0.0	48.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	-41.6
344	17611941.58	4826277.24	3.00	0	D	8000	-3.6	8.1	0.0	0.0	48.7	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	-50.1
344	17611941.58	4826277.24	3.00	0	N	32	-147.9	8.1	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-185.5
344	17611941.58	4826277.24	3.00	0	N	63	-134.7	8.1	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-172.3
344	17611941.58	4826277.24	3.00	0	N	125	-124.6	8.1	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-162.2
344	17611941.58	4826277.24	3.00	0	N	250	-117.1	8.1	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-154.8
344	17611941.58	4826277.24	3.00	0	N	500	-111.7	8.1	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-149.4
344	17611941.58	4826277.24	3.00	0	N	1000	-42.5	8.1	0.0	0.0	48.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	-80.4
344	17611941.58	4826277.24	3.00	0	N	2000	-107.3	8.1	0.0	0.0	48.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	-145.6
344	17611941.58	4826277.24	3.00	0	N	4000	-107.5	8.1	0.0	0.0	48.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	-147.6
344	17611941.58	4826277.24	3.00	0	N	8000	-109.6	8.1	0.0	0.0	48.7	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	-156.1
344	17611941.58	4826277.24	3.00	0	E	32	-147.9	8.1	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-185.5
344	17611941.58	4826277.24	3.00	0	E	63	-134.7	8.1	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-172.3
344	17611941.58	4826277.24	3.00	0	E	125	-124.6	8.1	0.0	0.0	48.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-162.2
344	17611941.58	4826277.24	3.00	0	E	250	-117.1	8.1	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-154.8
344	17611941.58	4826277.24	3.00	0	E	500	-111.7	8.1	0.0	0.0	48.7	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-149.4
344	17611941.58	4826277.24	3.00	0	E	1000	-42.5	8.1	0.0	0.0	48.7	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	-80.4
344	17611941.58	4826277.24	3.00	0	E	2000	-107.3	8.1	0.0	0.0	48.7	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	-145.6
344	17611941.58	4826277.24	3.00	0	E	4000	-107.5	8.1	0.0	0.0	48.7	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	-147.6
344	17611941.58	4826277.24	3.00	0	E	8000	-109.6	8.1	0.0	0.0	48.7	9.0	-3.0	0.0	0.0	0.0	0.0	0.0	-156.1
370	17611930.20	4826263.59	3.00	0	D	32	-41.9	14.6	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	4.5	0.0	0.0	-78.9
370	17611930.20	4826263.59	3.00	0	D	63	-28.7	14.6	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-66.6
370	17611930.20	4826263.59	3.00	0	D	125	-18.6	14.6	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	6.5	0.0	0.0	-57.7

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
370	17611930.20	4826263.59	3.00	0	D	250	-11.1	14.6	0.0	0.0	50.2	0.1	-3.0	0.0	0.0	7.8	0.0	0.0	-51.5
370	17611930.20	4826263.59	3.00	0	D	500	-5.7	14.6	0.0	0.0	50.2	0.2	-3.0	0.0	0.0	9.4	0.0	0.0	-47.8
370	17611930.20	4826263.59	3.00	0	D	1000	63.5	14.6	0.0	0.0	50.2	0.3	-3.0	0.0	0.0	11.3	0.0	0.0	19.3
370	17611930.20	4826263.59	3.00	0	D	2000	-1.3	14.6	0.0	0.0	50.2	0.9	-3.0	0.0	0.0	13.7	0.0	0.0	-48.4
370	17611930.20	4826263.59	3.00	0	D	4000	-1.5	14.6	0.0	0.0	50.2	3.0	-3.0	0.0	0.0	16.2	0.0	0.0	-53.3
370	17611930.20	4826263.59	3.00	0	D	8000	-3.6	14.6	0.0	0.0	50.2	10.7	-3.0	0.0	0.0	19.0	0.0	0.0	-65.8
370	17611930.20	4826263.59	3.00	0	N	32	-147.9	14.6	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	4.5	0.0	0.0	-185.0
370	17611930.20	4826263.59	3.00	0	N	63	-134.7	14.6	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-172.7
370	17611930.20	4826263.59	3.00	0	N	125	-124.6	14.6	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	6.5	0.0	0.0	-163.7
370	17611930.20	4826263.59	3.00	0	N	250	-117.1	14.6	0.0	0.0	50.2	0.1	-3.0	0.0	0.0	7.8	0.0	0.0	-157.6
370	17611930.20	4826263.59	3.00	0	N	500	-111.7	14.6	0.0	0.0	50.2	0.2	-3.0	0.0	0.0	9.4	0.0	0.0	-153.8
370	17611930.20	4826263.59	3.00	0	N	1000	-42.5	14.6	0.0	0.0	50.2	0.3	-3.0	0.0	0.0	11.3	0.0	0.0	-86.7
370	17611930.20	4826263.59	3.00	0	N	2000	-107.3	14.6	0.0	0.0	50.2	0.9	-3.0	0.0	0.0	13.7	0.0	0.0	-154.4
370	17611930.20	4826263.59	3.00	0	N	4000	-107.5	14.6	0.0	0.0	50.2	3.0	-3.0	0.0	0.0	16.2	0.0	0.0	-159.3
370	17611930.20	4826263.59	3.00	0	N	8000	-109.6	14.6	0.0	0.0	50.2	10.7	-3.0	0.0	0.0	19.0	0.0	0.0	-171.9
370	17611930.20	4826263.59	3.00	0	E	32	-147.9	14.6	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	4.5	0.0	0.0	-185.0
370	17611930.20	4826263.59	3.00	0	E	63	-134.7	14.6	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	5.4	0.0	0.0	-172.7
370	17611930.20	4826263.59	3.00	0	E	125	-124.6	14.6	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	6.5	0.0	0.0	-163.7
370	17611930.20	4826263.59	3.00	0	E	250	-117.1	14.6	0.0	0.0	50.2	0.1	-3.0	0.0	0.0	7.8	0.0	0.0	-157.6
370	17611930.20	4826263.59	3.00	0	E	500	-111.7	14.6	0.0	0.0	50.2	0.2	-3.0	0.0	0.0	9.4	0.0	0.0	-153.8
370	17611930.20	4826263.59	3.00	0	E	1000	-42.5	14.6	0.0	0.0	50.2	0.3	-3.0	0.0	0.0	11.3	0.0	0.0	-86.7
370	17611930.20	4826263.59	3.00	0	E	2000	-107.3	14.6	0.0	0.0	50.2	0.9	-3.0	0.0	0.0	13.7	0.0	0.0	-154.4
370	17611930.20	4826263.59	3.00	0	E	4000	-107.5	14.6	0.0	0.0	50.2	3.0	-3.0	0.0	0.0	16.2	0.0	0.0	-159.3
370	17611930.20	4826263.59	3.00	0	E	8000	-109.6	14.6	0.0	0.0	50.2	10.7	-3.0	0.0	0.0	19.0	0.0	0.0	-171.9
376	17611915.42	4826245.85	3.00	0	D	32	-41.9	12.3	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	6.1	0.0	0.0	-84.5
376	17611915.42	4826245.85	3.00	0	D	63	-28.7	12.3	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-72.6
376	17611915.42	4826245.85	3.00	0	D	125	-18.6	12.3	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-64.1
376	17611915.42	4826245.85	3.00	0	D	250	-11.1	12.3	0.0	0.0	51.9	0.1	-3.0	0.0	0.0	10.8	0.0	0.0	-58.6
376	17611915.42	4826245.85	3.00	0	D	500	-5.7	12.3	0.0	0.0	51.9	0.2	-3.0	0.0	0.0	13.0	0.0	0.0	-55.5
376	17611915.42	4826245.85	3.00	0	D	1000	63.5	12.3	0.0	0.0	51.9	0.4	-3.0	0.0	0.0	15.6	0.0	0.0	10.9
376	17611915.42	4826245.85	3.00	0	D	2000	-1.3	12.3	0.0	0.0	51.9	1.1	-3.0	0.0	0.0	18.4	0.0	0.0	-57.3
376	17611915.42	4826245.85	3.00	0	D	4000	-1.5	12.3	0.0	0.0	51.9	3.7	-3.0	0.0	0.0	21.2	0.0	0.0	-62.9
376	17611915.42	4826245.85	3.00	0	D	8000	-3.6	12.3	0.0	0.0	51.9	13.0	-3.0	0.0	0.0	22.5	0.0	0.0	-75.7
376	17611915.42	4826245.85	3.00	0	N	32	-147.9	12.3	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	6.1	0.0	0.0	-190.6
376	17611915.42	4826245.85	3.00	0	N	63	-134.7	12.3	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-178.7
376	17611915.42	4826245.85	3.00	0	N	125	-124.6	12.3	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-170.1
376	17611915.42	4826245.85	3.00	0	N	250	-117.1	12.3	0.0	0.0	51.9	0.1	-3.0	0.0	0.0	10.8	0.0	0.0	-164.6
376	17611915.42	4826245.85	3.00	0	N	500	-111.7	12.3	0.0	0.0	51.9	0.2	-3.0	0.0	0.0	13.0	0.0	0.0	-161.5
376	17611915.42	4826245.85	3.00	0	N	1000	-42.5	12.3	0.0	0.0	51.9	0.4	-3.0	0.0	0.0	15.6	0.0	0.0	-95.1
376	17611915.42	4826245.85	3.00	0	N	2000	-107.3	12.3	0.0	0.0	51.9	1.1	-3.0	0.0	0.0	18.4	0.0	0.0	-163.3
376	17611915.42	4826245.85	3.00	0	N	4000	-107.5	12.3	0.0	0.0	51.9	3.7	-3.0	0.0	0.0	21.2	0.0	0.0	-169.0
376	17611915.42	4826245.85	3.00	0	N	8000	-109.6	12.3	0.0	0.0	51.9	13.0	-3.0	0.0	0.0	22.5	0.0	0.0	-181.7
376	17611915.42	4826245.85	3.00	0	E	32	-147.9	12.3	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	6.1	0.0	0.0	-190.6
376	17611915.42	4826245.85	3.00	0	E	63	-134.7	12.3	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	7.4	0.0	0.0	-178.7
376	17611915.42	4826245.85	3.00	0	E	125	-124.6	12.3	0.0	0.0	51.9	0.0	-3.0	0.0	0.0	8.9	0.0	0.0	-170.1
376	17611915.42	4826245.85	3.00	0	E	250	-117.1	12.3	0.0	0.0	51.9	0.1	-3.0	0.0	0.0	10.8	0.0	0.0	-164.6
376	17611915.42	4826245.85	3.00	0	E	500	-111.7	12.3	0.0	0.0	51.9	0.2	-3.0	0.0	0.0	13.0	0.0	0.0	-161.5
376	17611915.42	4826245.85	3.00	0	E	1000	-42.5	12.3	0.0	0.0	51.9	0.4	-3.0	0.0	0.0	15.6	0.0	0.0	-95.1
376	17611915.42	4826245.85	3.00	0	E	2000	-107.3	12.3	0.0	0.0	51.9	1.1	-3.0	0.0	0.0	18.4	0.0	0.0	-163.3
376	17611915.42	4826245.85	3.00	0	E	4000	-107.5	12.3	0.0	0.0	51.9	3.7	-3.0	0.0	0.0	21.2	0.0	0.0	-169.0
376	17611915.42	4826245.85	3.00	0	E	8000	-109.6	12.3	0.0	0.0	51.9	13.0	-3.0	0.0	0.0	22.5	0.0	0.0	-181.7
379	17611908.27	4826237.27	3.00	0	D	32	-41.9	7.1	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	5.8	0.0	0.0	-90.3
379	17611908.27	4826237.27	3.00	0	D	63	-28.7	7.1	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-78.3
379	17611908.27	4826237.27	3.00	0	D	125	-18.6	7.1	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-69.5
379	17611908.27	4826237.27	3.00	0	D	250	-11.1	7.1	0.0	0.0	52.7	0.1	-3.0	0.0	0.0	10.0	0.0	0.0	-63.7
379	17611908.27	4826237.27	3.00	0	D	500	-5.7	7.1	0.0	0.0	52.7	0.2	-3.0	0.0	0.0	12.0	0.0	0.0	-60.5
379	17611908.27	4826237.27	3.00	0	D	1000	63.5	7.1	0.0	0.0	52.7	0.4	-3.0	0.0	0.0	14.4	0.0	0.0	6.2
379	17611908.27	4826237.27	3.00	0	D	2000	-1.3	7.1	0.0	0.0	52.7	1.2	-3.0	0.0	0.0	17.0	0.0	0.0	-62.0
379	17611908.27	4826237.27	3.00	0	D	4000	-1.5	7.1	0.0	0.0	52.7	4.0	-3.0	0.0	0.0	19.8	0.0	0.0	-67.8
379	17611908.27	4826237.27	3.00	0	D	8000	-3.6	7.1	0.0	0.0	52.7	14.2	-3.0	0.0	0.0	22.5	0.0	0.0	-82.8
379	17611908.27	4826237.27	3.00	0	N	32	-147.9	7.1	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	5.8	0.0	0.0	-196.3
379	17611908.27	4826237.27	3.00	0	N	63	-134.7	7.1	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-184.3
379	17611908.27	4826237.27	3.00	0	N	125	-124.6	7.1	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-175.5

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
379	17611908.27	4826237.27	3.00	0	N	250	-117.1	7.1	0.0	0.0	52.7	0.1	-3.0	0.0	0.0	10.0	0.0	0.0	-169.8
379	17611908.27	4826237.27	3.00	0	N	500	-111.7	7.1	0.0	0.0	52.7	0.2	-3.0	0.0	0.0	12.0	0.0	0.0	-166.5
379	17611908.27	4826237.27	3.00	0	N	1000	-42.5	7.1	0.0	0.0	52.7	0.4	-3.0	0.0	0.0	14.4	0.0	0.0	-99.9
379	17611908.27	4826237.27	3.00	0	N	2000	-107.3	7.1	0.0	0.0	52.7	1.2	-3.0	0.0	0.0	17.0	0.0	0.0	-168.0
379	17611908.27	4826237.27	3.00	0	N	4000	-107.5	7.1	0.0	0.0	52.7	4.0	-3.0	0.0	0.0	19.8	0.0	0.0	-173.8
379	17611908.27	4826237.27	3.00	0	N	8000	-109.6	7.1	0.0	0.0	52.7	14.2	-3.0	0.0	0.0	22.5	0.0	0.0	-188.8
379	17611908.27	4826237.27	3.00	0	E	32	-147.9	7.1	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	5.8	0.0	0.0	-196.3
379	17611908.27	4826237.27	3.00	0	E	63	-134.7	7.1	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	7.0	0.0	0.0	-184.3
379	17611908.27	4826237.27	3.00	0	E	125	-124.6	7.1	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	8.3	0.0	0.0	-175.5
379	17611908.27	4826237.27	3.00	0	E	250	-117.1	7.1	0.0	0.0	52.7	0.1	-3.0	0.0	0.0	10.0	0.0	0.0	-169.8
379	17611908.27	4826237.27	3.00	0	E	500	-111.7	7.1	0.0	0.0	52.7	0.2	-3.0	0.0	0.0	12.0	0.0	0.0	-166.5
379	17611908.27	4826237.27	3.00	0	E	1000	-42.5	7.1	0.0	0.0	52.7	0.4	-3.0	0.0	0.0	14.4	0.0	0.0	-99.9
379	17611908.27	4826237.27	3.00	0	E	2000	-107.3	7.1	0.0	0.0	52.7	1.2	-3.0	0.0	0.0	17.0	0.0	0.0	-168.0
379	17611908.27	4826237.27	3.00	0	E	4000	-107.5	7.1	0.0	0.0	52.7	4.0	-3.0	0.0	0.0	19.8	0.0	0.0	-173.8
379	17611908.27	4826237.27	3.00	0	E	8000	-109.6	7.1	0.0	0.0	52.7	14.2	-3.0	0.0	0.0	22.5	0.0	0.0	-188.8
386	17611942.80	4826278.70	3.00	1	D	1000	63.5	4.3	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	8.0	0.0	1.0	7.5
386	17611942.80	4826278.70	3.00	1	D	2000	-1.3	4.3	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	8.2	0.0	1.0	-58.4
386	17611942.80	4826278.70	3.00	1	D	4000	-1.5	4.3	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	8.7	0.0	1.0	-62.2
386	17611942.80	4826278.70	3.00	1	D	8000	-3.6	4.3	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	9.4	0.0	1.0	-76.6
386	17611942.80	4826278.70	3.00	1	N	1000	-42.5	4.3	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	8.0	0.0	1.0	-98.5
386	17611942.80	4826278.70	3.00	1	N	2000	-107.3	4.3	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	8.2	0.0	1.0	-164.4
386	17611942.80	4826278.70	3.00	1	N	4000	-107.5	4.3	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	8.7	0.0	1.0	-168.2
386	17611942.80	4826278.70	3.00	1	N	8000	-109.6	4.3	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	9.4	0.0	1.0	-182.6
386	17611942.80	4826278.70	3.00	1	E	1000	-42.5	4.3	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	8.0	0.0	1.0	-98.5
386	17611942.80	4826278.70	3.00	1	E	2000	-107.3	4.3	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	8.2	0.0	1.0	-164.4
386	17611942.80	4826278.70	3.00	1	E	4000	-107.5	4.3	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	8.7	0.0	1.0	-168.2
386	17611942.80	4826278.70	3.00	1	E	8000	-109.6	4.3	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	9.4	0.0	1.0	-182.6
388	17611935.81	4826270.32	3.00	1	D	1000	63.5	12.8	0.0	0.0	53.1	0.5	-3.0	0.0	0.0	8.5	0.0	1.0	16.3
388	17611935.81	4826270.32	3.00	1	D	2000	-1.3	12.8	0.0	0.0	53.1	1.2	-3.0	0.0	0.0	9.2	0.0	1.0	-50.0
388	17611935.81	4826270.32	3.00	1	D	4000	-1.5	12.8	0.0	0.0	53.1	4.2	-3.0	0.0	0.0	10.2	0.0	1.0	-54.2
388	17611935.81	4826270.32	3.00	1	D	8000	-3.6	12.8	0.0	0.0	53.1	14.9	-3.0	0.0	0.0	11.8	0.0	1.0	-68.5
388	17611935.81	4826270.32	3.00	1	N	1000	-42.5	12.8	0.0	0.0	53.1	0.5	-3.0	0.0	0.0	8.5	0.0	1.0	-89.8
388	17611935.81	4826270.32	3.00	1	N	2000	-107.3	12.8	0.0	0.0	53.1	1.2	-3.0	0.0	0.0	9.2	0.0	1.0	-156.0
388	17611935.81	4826270.32	3.00	1	N	4000	-107.5	12.8	0.0	0.0	53.1	4.2	-3.0	0.0	0.0	10.2	0.0	1.0	-160.2
388	17611935.81	4826270.32	3.00	1	N	8000	-109.6	12.8	0.0	0.0	53.1	14.9	-3.0	0.0	0.0	11.8	0.0	1.0	-174.6
388	17611935.81	4826270.32	3.00	1	E	1000	-42.5	12.8	0.0	0.0	53.1	0.5	-3.0	0.0	0.0	8.5	0.0	1.0	-89.8
388	17611935.81	4826270.32	3.00	1	E	2000	-107.3	12.8	0.0	0.0	53.1	1.2	-3.0	0.0	0.0	9.2	0.0	1.0	-156.0
388	17611935.81	4826270.32	3.00	1	E	4000	-107.5	12.8	0.0	0.0	53.1	4.2	-3.0	0.0	0.0	10.2	0.0	1.0	-160.2
388	17611935.81	4826270.32	3.00	1	E	8000	-109.6	12.8	0.0	0.0	53.1	14.9	-3.0	0.0	0.0	11.8	0.0	1.0	-174.6
398	17611943.03	4826278.98	3.00	1	D	250	-11.1	2.9	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-87.8
398	17611943.03	4826278.98	3.00	1	D	500	-5.7	2.9	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-82.5
398	17611943.03	4826278.98	3.00	1	D	1000	63.5	2.9	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-13.5
398	17611943.03	4826278.98	3.00	1	D	2000	-1.3	2.9	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-79.1
398	17611943.03	4826278.98	3.00	1	D	4000	-1.5	2.9	0.0	0.0	53.5	4.4	-3.0	0.0	0.0	28.0	0.0	1.0	-82.4
398	17611943.03	4826278.98	3.00	1	D	8000	-3.6	2.9	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-95.7
398	17611943.03	4826278.98	3.00	1	N	250	-117.1	2.9	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-193.8
398	17611943.03	4826278.98	3.00	1	N	500	-111.7	2.9	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-188.5
398	17611943.03	4826278.98	3.00	1	N	1000	-42.5	2.9	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-119.5
398	17611943.03	4826278.98	3.00	1	N	2000	-107.3	2.9	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-185.1
398	17611943.03	4826278.98	3.00	1	N	4000	-107.5	2.9	0.0	0.0	53.5	4.4	-3.0	0.0	0.0	28.0	0.0	1.0	-188.4
398	17611943.03	4826278.98	3.00	1	N	8000	-109.6	2.9	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-201.7
398	17611943.03	4826278.98	3.00	1	E	250	-117.1	2.9	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-193.8
398	17611943.03	4826278.98	3.00	1	E	500	-111.7	2.9	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-188.5
398	17611943.03	4826278.98	3.00	1	E	1000	-42.5	2.9	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-119.5
398	17611943.03	4826278.98	3.00	1	E	2000	-107.3	2.9	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-185.1
398	17611943.03	4826278.98	3.00	1	E	4000	-107.5	2.9	0.0	0.0	53.5	4.4	-3.0	0.0	0.0	28.0	0.0	1.0	-188.4
398	17611943.03	4826278.98	3.00	1	E	8000	-109.6	2.9	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-201.7
401	17611942.08	4826277.85	3.00	1	D	250	-11.1	-0.0	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-90.7
401	17611942.08	4826277.85	3.00	1	D	500	-5.7	-0.0	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-85.5
401	17611942.08	4826277.85	3.00	1	D	1000	63.5	-0.0	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-16.5
401	17611942.08	4826277.85	3.00	1	D	2000	-1.3	-0.0	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-82.1
401	17611942.08	4826277.85	3.00	1	D	4000	-1.5	-0.0	0.0	0.0	53.5	4.4	-3.0	0.0	0.0	28.0	0.0	1.0	-85.4
401	17611942.08	4826277.85	3.00	1	D	8000	-3.6	-0.0	0.0	0.0	53.5	15.6	-3.0	0.0	0.0	28.0	0.0	1.0	-98.7

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
401	17611942.08	4826277.85	3.00	1	N	250	-117.1	-0.0	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-196.8
401	17611942.08	4826277.85	3.00	1	N	500	-111.7	-0.0	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-191.5
401	17611942.08	4826277.85	3.00	1	N	1000	-42.5	-0.0	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-122.5
401	17611942.08	4826277.85	3.00	1	N	2000	-107.3	-0.0	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-188.1
401	17611942.08	4826277.85	3.00	1	N	4000	-107.5	-0.0	0.0	0.0	53.5	4.4	-3.0	0.0	0.0	28.0	0.0	1.0	-191.4
401	17611942.08	4826277.85	3.00	1	N	8000	-109.6	-0.0	0.0	0.0	53.5	15.6	-3.0	0.0	0.0	28.0	0.0	1.0	-204.8
401	17611942.08	4826277.85	3.00	1	E	250	-117.1	-0.0	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-196.8
401	17611942.08	4826277.85	3.00	1	E	500	-111.7	-0.0	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-191.5
401	17611942.08	4826277.85	3.00	1	E	1000	-42.5	-0.0	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-122.5
401	17611942.08	4826277.85	3.00	1	E	2000	-107.3	-0.0	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-188.1
401	17611942.08	4826277.85	3.00	1	E	4000	-107.5	-0.0	0.0	0.0	53.5	4.4	-3.0	0.0	0.0	28.0	0.0	1.0	-191.4
401	17611942.08	4826277.85	3.00	1	E	8000	-109.6	-0.0	0.0	0.0	53.5	15.6	-3.0	0.0	0.0	28.0	0.0	1.0	-204.8
406	17611940.37	4826275.80	3.00	1	D	63	-28.7	10.1	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-66.9
406	17611940.37	4826275.80	3.00	1	D	125	-18.6	10.1	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-56.8
406	17611940.37	4826275.80	3.00	1	D	250	-11.1	10.1	0.0	0.0	50.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-49.4
406	17611940.37	4826275.80	3.00	1	D	500	-5.7	10.1	0.0	0.0	50.3	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-44.1
406	17611940.37	4826275.80	3.00	1	D	1000	63.5	10.1	0.0	0.0	50.3	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	25.0
406	17611940.37	4826275.80	3.00	1	D	2000	-1.3	10.1	0.0	0.0	50.3	0.9	-3.0	0.0	0.0	0.0	0.0	1.0	-40.4
406	17611940.37	4826275.80	3.00	1	D	4000	-1.5	10.1	0.0	0.0	50.3	3.0	-3.0	0.0	0.0	0.0	0.0	1.0	-42.7
406	17611940.37	4826275.80	3.00	1	D	8000	-3.6	10.1	0.0	0.0	50.3	10.8	-3.0	0.0	0.0	0.0	0.0	1.0	-52.6
406	17611940.37	4826275.80	3.00	1	N	63	-134.7	10.1	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-172.9
406	17611940.37	4826275.80	3.00	1	N	125	-124.6	10.1	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-162.8
406	17611940.37	4826275.80	3.00	1	N	250	-117.1	10.1	0.0	0.0	50.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-155.4
406	17611940.37	4826275.80	3.00	1	N	500	-111.7	10.1	0.0	0.0	50.3	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-150.1
406	17611940.37	4826275.80	3.00	1	N	1000	-42.5	10.1	0.0	0.0	50.3	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-81.0
406	17611940.37	4826275.80	3.00	1	N	2000	-107.3	10.1	0.0	0.0	50.3	0.9	-3.0	0.0	0.0	0.0	0.0	1.0	-146.4
406	17611940.37	4826275.80	3.00	1	N	4000	-107.5	10.1	0.0	0.0	50.3	3.0	-3.0	0.0	0.0	0.0	0.0	1.0	-148.7
406	17611940.37	4826275.80	3.00	1	N	8000	-109.6	10.1	0.0	0.0	50.3	10.8	-3.0	0.0	0.0	0.0	0.0	1.0	-158.6
406	17611940.37	4826275.80	3.00	1	E	63	-134.7	10.1	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-172.9
406	17611940.37	4826275.80	3.00	1	E	125	-124.6	10.1	0.0	0.0	50.3	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-162.8
406	17611940.37	4826275.80	3.00	1	E	250	-117.1	10.1	0.0	0.0	50.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-155.4
406	17611940.37	4826275.80	3.00	1	E	500	-111.7	10.1	0.0	0.0	50.3	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-150.1
406	17611940.37	4826275.80	3.00	1	E	1000	-42.5	10.1	0.0	0.0	50.3	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-81.0
406	17611940.37	4826275.80	3.00	1	E	2000	-107.3	10.1	0.0	0.0	50.3	0.9	-3.0	0.0	0.0	0.0	0.0	1.0	-146.4
406	17611940.37	4826275.80	3.00	1	E	4000	-107.5	10.1	0.0	0.0	50.3	3.0	-3.0	0.0	0.0	0.0	0.0	1.0	-148.7
406	17611940.37	4826275.80	3.00	1	E	8000	-109.6	10.1	0.0	0.0	50.3	10.8	-3.0	0.0	0.0	0.0	0.0	1.0	-158.6
409	17611934.16	4826268.34	3.00	1	D	63	-28.7	9.6	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.2	0.0	1.0	-76.3
409	17611934.16	4826268.34	3.00	1	D	125	-18.6	9.6	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.5	0.0	1.0	-66.6
409	17611934.16	4826268.34	3.00	1	D	250	-11.1	9.6	0.0	0.0	51.1	0.1	-3.0	0.0	0.0	9.2	0.0	1.0	-59.8
409	17611934.16	4826268.34	3.00	1	D	500	-5.7	9.6	0.0	0.0	51.1	0.2	-3.0	0.0	0.0	10.2	0.0	1.0	-55.6
409	17611934.16	4826268.34	3.00	1	D	1000	63.5	9.6	0.0	0.0	51.1	0.4	-3.0	0.0	0.0	11.8	0.0	1.0	11.9
409	17611934.16	4826268.34	3.00	1	D	2000	-1.3	9.6	0.0	0.0	51.1	1.0	-3.0	0.0	0.0	13.9	0.0	1.0	-55.6
409	17611934.16	4826268.34	3.00	1	D	4000	-1.5	9.6	0.0	0.0	51.1	3.3	-3.0	0.0	0.0	16.3	0.0	1.0	-60.5
409	17611934.16	4826268.34	3.00	1	D	8000	-3.6	9.6	0.0	0.0	51.1	11.8	-3.0	0.0	0.0	19.0	0.0	1.0	-73.8
409	17611934.16	4826268.34	3.00	1	N	63	-134.7	9.6	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.2	0.0	1.0	-182.3
409	17611934.16	4826268.34	3.00	1	N	125	-124.6	9.6	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.5	0.0	1.0	-172.6
409	17611934.16	4826268.34	3.00	1	N	250	-117.1	9.6	0.0	0.0	51.1	0.1	-3.0	0.0	0.0	9.2	0.0	1.0	-165.8
409	17611934.16	4826268.34	3.00	1	N	500	-111.7	9.6	0.0	0.0	51.1	0.2	-3.0	0.0	0.0	10.2	0.0	1.0	-161.6
409	17611934.16	4826268.34	3.00	1	N	1000	-42.5	9.6	0.0	0.0	51.1	0.4	-3.0	0.0	0.0	11.8	0.0	1.0	-94.1
409	17611934.16	4826268.34	3.00	1	N	2000	-107.3	9.6	0.0	0.0	51.1	1.0	-3.0	0.0	0.0	13.9	0.0	1.0	-161.6
409	17611934.16	4826268.34	3.00	1	N	4000	-107.5	9.6	0.0	0.0	51.1	3.3	-3.0	0.0	0.0	16.3	0.0	1.0	-166.6
409	17611934.16	4826268.34	3.00	1	N	8000	-109.6	9.6	0.0	0.0	51.1	11.8	-3.0	0.0	0.0	19.0	0.0	1.0	-179.8
409	17611934.16	4826268.34	3.00	1	E	63	-134.7	9.6	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.2	0.0	1.0	-182.3
409	17611934.16	4826268.34	3.00	1	E	125	-124.6	9.6	0.0	0.0	51.1	0.0	-3.0	0.0	0.0	8.5	0.0	1.0	-172.6
409	17611934.16	4826268.34	3.00	1	E	250	-117.1	9.6	0.0	0.0	51.1	0.1	-3.0	0.0	0.0	9.2	0.0	1.0	-165.8
409	17611934.16	4826268.34	3.00	1	E	500	-111.7	9.6	0.0	0.0	51.1	0.2	-3.0	0.0	0.0	10.2	0.0	1.0	-161.6
409	17611934.16	4826268.34	3.00	1	E	1000	-42.5	9.6	0.0	0.0	51.1	0.4	-3.0	0.0	0.0	11.8	0.0	1.0	-94.1
409	17611934.16	4826268.34	3.00	1	E	2000	-107.3	9.6	0.0	0.0	51.1	1.0	-3.0	0.0	0.0	13.9	0.0	1.0	-161.6
409	17611934.16	4826268.34	3.00	1	E	4000	-107.5	9.6	0.0	0.0	51.1	3.3	-3.0	0.0	0.0	16.3	0.0	1.0	-166.6
409	17611934.16	4826268.34	3.00	1	E	8000	-109.6	9.6	0.0	0.0	51.1	11.8	-3.0	0.0	0.0	19.0	0.0	1.0	-179.8
412	17611921.80	4826253.50	3.00	1	D	63	-28.7	14.7	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.1	0.0	1.0	-72.5
412	17611921.80	4826253.50	3.00	1	D	125	-18.6	14.7	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.3	0.0	1.0	-62.7
412	17611921.80	4826253.50	3.00	1	D	250	-11.1	14.7	0.0	0.0	52.5	0.1	-3.0	0.0	0.0	8.8	0.0	1.0	-55.8

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
412	17611921.80	4826253.50	3.00	1	D	500	-5.7	14.7	0.0	0.0	52.5	0.2	-3.0	0.0	0.0	9.7	0.0	1.0	-51.3
412	17611921.80	4826253.50	3.00	1	D	1000	63.5	14.7	0.0	0.0	52.5	0.4	-3.0	0.0	0.0	11.0	0.0	1.0	16.4
412	17611921.80	4826253.50	3.00	1	D	2000	-1.3	14.7	0.0	0.0	52.5	1.1	-3.0	0.0	0.0	12.8	0.0	1.0	-51.0
412	17611921.80	4826253.50	3.00	1	D	4000	-1.5	14.7	0.0	0.0	52.5	3.9	-3.0	0.0	0.0	15.0	0.0	1.0	-56.2
412	17611921.80	4826253.50	3.00	1	D	8000	-3.6	14.7	0.0	0.0	52.5	13.8	-3.0	0.0	0.0	17.6	0.0	1.0	-70.8
412	17611921.80	4826253.50	3.00	1	N	63	-134.7	14.7	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.1	0.0	1.0	-178.5
412	17611921.80	4826253.50	3.00	1	N	125	-124.6	14.7	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.3	0.0	1.0	-168.7
412	17611921.80	4826253.50	3.00	1	N	250	-117.1	14.7	0.0	0.0	52.5	0.1	-3.0	0.0	0.0	8.8	0.0	1.0	-161.8
412	17611921.80	4826253.50	3.00	1	N	500	-111.7	14.7	0.0	0.0	52.5	0.2	-3.0	0.0	0.0	9.7	0.0	1.0	-157.3
412	17611921.80	4826253.50	3.00	1	N	1000	-42.5	14.7	0.0	0.0	52.5	0.4	-3.0	0.0	0.0	11.0	0.0	1.0	-89.7
412	17611921.80	4826253.50	3.00	1	N	2000	-107.3	14.7	0.0	0.0	52.5	1.1	-3.0	0.0	0.0	12.8	0.0	1.0	-157.0
412	17611921.80	4826253.50	3.00	1	N	4000	-107.5	14.7	0.0	0.0	52.5	3.9	-3.0	0.0	0.0	15.0	0.0	1.0	-162.2
412	17611921.80	4826253.50	3.00	1	N	8000	-109.6	14.7	0.0	0.0	52.5	13.8	-3.0	0.0	0.0	17.6	0.0	1.0	-176.8
412	17611921.80	4826253.50	3.00	1	E	63	-134.7	14.7	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.1	0.0	1.0	-178.5
412	17611921.80	4826253.50	3.00	1	E	125	-124.6	14.7	0.0	0.0	52.5	0.0	-3.0	0.0	0.0	8.3	0.0	1.0	-168.7
412	17611921.80	4826253.50	3.00	1	E	250	-117.1	14.7	0.0	0.0	52.5	0.1	-3.0	0.0	0.0	8.8	0.0	1.0	-161.8
412	17611921.80	4826253.50	3.00	1	E	500	-111.7	14.7	0.0	0.0	52.5	0.2	-3.0	0.0	0.0	9.7	0.0	1.0	-157.3
412	17611921.80	4826253.50	3.00	1	E	1000	-42.5	14.7	0.0	0.0	52.5	0.4	-3.0	0.0	0.0	11.0	0.0	1.0	-89.7
412	17611921.80	4826253.50	3.00	1	E	2000	-107.3	14.7	0.0	0.0	52.5	1.1	-3.0	0.0	0.0	12.8	0.0	1.0	-157.0
412	17611921.80	4826253.50	3.00	1	E	4000	-107.5	14.7	0.0	0.0	52.5	3.9	-3.0	0.0	0.0	15.0	0.0	1.0	-162.2
412	17611921.80	4826253.50	3.00	1	E	8000	-109.6	14.7	0.0	0.0	52.5	13.8	-3.0	0.0	0.0	17.6	0.0	1.0	-176.8
415	17611909.49	4826238.74	3.00	1	D	63	-28.7	9.5	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.7	0.0	1.0	-79.6
415	17611909.49	4826238.74	3.00	1	D	125	-18.6	9.5	0.0	0.0	53.7	0.1	-3.0	0.0	0.0	9.5	0.0	1.0	-70.3
415	17611909.49	4826238.74	3.00	1	D	250	-11.1	9.5	0.0	0.0	53.7	0.1	-3.0	0.0	0.0	10.7	0.0	1.0	-64.1
415	17611909.49	4826238.74	3.00	1	D	500	-5.7	9.5	0.0	0.0	53.7	0.3	-3.0	0.0	0.0	12.5	0.0	1.0	-60.5
415	17611909.49	4826238.74	3.00	1	D	1000	63.5	9.5	0.0	0.0	53.7	0.5	-3.0	0.0	0.0	14.7	0.0	1.0	6.2
415	17611909.49	4826238.74	3.00	1	D	2000	-1.3	9.5	0.0	0.0	53.7	1.3	-3.0	0.0	0.0	17.2	0.0	1.0	-61.9
415	17611909.49	4826238.74	3.00	1	D	4000	-1.5	9.5	0.0	0.0	53.7	4.5	-3.0	0.0	0.0	20.0	0.0	1.0	-68.0
415	17611909.49	4826238.74	3.00	1	D	8000	-3.6	9.5	0.0	0.0	53.7	15.9	-3.0	0.0	0.0	22.9	0.0	1.0	-84.5
415	17611909.49	4826238.74	3.00	1	N	63	-134.7	9.5	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.7	0.0	1.0	-185.6
415	17611909.49	4826238.74	3.00	1	N	125	-124.6	9.5	0.0	0.0	53.7	0.1	-3.0	0.0	0.0	9.5	0.0	1.0	-176.3
415	17611909.49	4826238.74	3.00	1	N	250	-117.1	9.5	0.0	0.0	53.7	0.1	-3.0	0.0	0.0	10.7	0.0	1.0	-170.1
415	17611909.49	4826238.74	3.00	1	N	500	-111.7	9.5	0.0	0.0	53.7	0.3	-3.0	0.0	0.0	12.5	0.0	1.0	-166.6
415	17611909.49	4826238.74	3.00	1	N	1000	-42.5	9.5	0.0	0.0	53.7	0.5	-3.0	0.0	0.0	14.7	0.0	1.0	-99.8
415	17611909.49	4826238.74	3.00	1	N	2000	-107.3	9.5	0.0	0.0	53.7	1.3	-3.0	0.0	0.0	17.2	0.0	1.0	-168.0
415	17611909.49	4826238.74	3.00	1	N	4000	-107.5	9.5	0.0	0.0	53.7	4.5	-3.0	0.0	0.0	20.0	0.0	1.0	-174.1
415	17611909.49	4826238.74	3.00	1	N	8000	-109.6	9.5	0.0	0.0	53.7	15.9	-3.0	0.0	0.0	22.9	0.0	1.0	-190.5
415	17611909.49	4826238.74	3.00	1	E	63	-134.7	9.5	0.0	0.0	53.7	0.0	-3.0	0.0	0.0	8.7	0.0	1.0	-185.6
415	17611909.49	4826238.74	3.00	1	E	125	-124.6	9.5	0.0	0.0	53.7	0.1	-3.0	0.0	0.0	9.5	0.0	1.0	-176.3
415	17611909.49	4826238.74	3.00	1	E	250	-117.1	9.5	0.0	0.0	53.7	0.1	-3.0	0.0	0.0	10.7	0.0	1.0	-170.1
415	17611909.49	4826238.74	3.00	1	E	500	-111.7	9.5	0.0	0.0	53.7	0.3	-3.0	0.0	0.0	12.5	0.0	1.0	-166.6
415	17611909.49	4826238.74	3.00	1	E	1000	-42.5	9.5	0.0	0.0	53.7	0.5	-3.0	0.0	0.0	14.7	0.0	1.0	-99.8
415	17611909.49	4826238.74	3.00	1	E	2000	-107.3	9.5	0.0	0.0	53.7	1.3	-3.0	0.0	0.0	17.2	0.0	1.0	-168.0
415	17611909.49	4826238.74	3.00	1	E	4000	-107.5	9.5	0.0	0.0	53.7	4.5	-3.0	0.0	0.0	20.0	0.0	1.0	-174.1
415	17611909.49	4826238.74	3.00	1	E	8000	-109.6	9.5	0.0	0.0	53.7	15.9	-3.0	0.0	0.0	22.9	0.0	1.0	-190.5
420	17611938.70	4826273.79	3.00	2	D	1000	63.5	11.9	0.0	0.0	54.4	0.5	-3.0	0.0	0.0	8.1	0.0	2.0	13.4
420	17611938.70	4826273.79	3.00	2	D	2000	-1.3	11.9	0.0	0.0	54.4	1.4	-3.0	0.0	0.0	8.3	0.0	2.0	-52.5
420	17611938.70	4826273.79	3.00	2	D	4000	-1.5	11.9	0.0	0.0	54.4	4.8	-3.0	0.0	0.0	8.8	0.0	2.0	-56.6
420	17611938.70	4826273.79	3.00	2	D	8000	-3.6	11.9	0.0	0.0	54.4	17.3	-3.0	0.0	0.0	9.7	0.0	2.0	-72.0
420	17611938.70	4826273.79	3.00	2	N	1000	-42.5	11.9	0.0	0.0	54.4	0.5	-3.0	0.0	0.0	8.1	0.0	2.0	-92.6
420	17611938.70	4826273.79	3.00	2	N	2000	-107.3	11.9	0.0	0.0	54.4	1.4	-3.0	0.0	0.0	8.3	0.0	2.0	-158.5
420	17611938.70	4826273.79	3.00	2	N	4000	-107.5	11.9	0.0	0.0	54.4	4.8	-3.0	0.0	0.0	8.8	0.0	2.0	-162.7
420	17611938.70	4826273.79	3.00	2	N	8000	-109.6	11.9	0.0	0.0	54.4	17.3	-3.0	0.0	0.0	9.7	0.0	2.0	-178.0
420	17611938.70	4826273.79	3.00	2	E	1000	-42.5	11.9	0.0	0.0	54.4	0.5	-3.0	0.0	0.0	8.1	0.0	2.0	-92.6
420	17611938.70	4826273.79	3.00	2	E	2000	-107.3	11.9	0.0	0.0	54.4	1.4	-3.0	0.0	0.0	8.3	0.0	2.0	-158.5
420	17611938.70	4826273.79	3.00	2	E	4000	-107.5	11.9	0.0	0.0	54.4	4.8	-3.0	0.0	0.0	8.8	0.0	2.0	-162.7
420	17611938.70	4826273.79	3.00	2	E	8000	-109.6	11.9	0.0	0.0	54.4	17.3	-3.0	0.0	0.0	9.7	0.0	2.0	-178.0
443	17611941.62	4826278.44	3.00	0	D	32	-41.9	7.1	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-80.4
443	17611941.62	4826278.44	3.00	0	D	63	-28.7	7.1	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-67.2
443	17611941.62	4826278.44	3.00	0	D	125	-18.6	7.1	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-57.1
443	17611941.62	4826278.44	3.00	0	D	250	-11.1	7.1	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-49.7
443	17611941.62	4826278.44	3.00	0	D	500	-5.7	7.1	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-44.3
443	17611941.62	4826278.44	3.00	0	D	1000	63.5	7.1	0.0	0.0	48.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.7

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
443	17611941.62	4826278.44	3.00	0	D	2000	-1.3	7.1	0.0	0.0	48.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	-40.5
443	17611941.62	4826278.44	3.00	0	D	4000	-1.5	7.1	0.0	0.0	48.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	-42.5
443	17611941.62	4826278.44	3.00	0	D	8000	-3.6	7.1	0.0	0.0	48.6	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	-50.9
443	17611941.62	4826278.44	3.00	0	N	32	-147.9	7.1	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-186.4
443	17611941.62	4826278.44	3.00	0	N	63	-134.7	7.1	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-173.2
443	17611941.62	4826278.44	3.00	0	N	125	-124.6	7.1	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-163.1
443	17611941.62	4826278.44	3.00	0	N	250	-117.1	7.1	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-155.7
443	17611941.62	4826278.44	3.00	0	N	500	-111.7	7.1	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-150.4
443	17611941.62	4826278.44	3.00	0	N	1000	-42.5	7.1	0.0	0.0	48.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	-81.3
443	17611941.62	4826278.44	3.00	0	N	2000	-107.3	7.1	0.0	0.0	48.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	-146.5
443	17611941.62	4826278.44	3.00	0	N	4000	-107.5	7.1	0.0	0.0	48.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	-148.5
443	17611941.62	4826278.44	3.00	0	N	8000	-109.6	7.1	0.0	0.0	48.6	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	-156.9
443	17611941.62	4826278.44	3.00	0	E	32	-147.9	7.1	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-186.4
443	17611941.62	4826278.44	3.00	0	E	63	-134.7	7.1	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-173.2
443	17611941.62	4826278.44	3.00	0	E	125	-124.6	7.1	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-163.1
443	17611941.62	4826278.44	3.00	0	E	250	-117.1	7.1	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-155.7
443	17611941.62	4826278.44	3.00	0	E	500	-111.7	7.1	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-150.4
443	17611941.62	4826278.44	3.00	0	E	1000	-42.5	7.1	0.0	0.0	48.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	-81.3
443	17611941.62	4826278.44	3.00	0	E	2000	-107.3	7.1	0.0	0.0	48.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	-146.5
443	17611941.62	4826278.44	3.00	0	E	4000	-107.5	7.1	0.0	0.0	48.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	-148.5
443	17611941.62	4826278.44	3.00	0	E	8000	-109.6	7.1	0.0	0.0	48.6	8.8	-3.0	0.0	0.0	0.0	0.0	0.0	-156.9
446	17611930.28	4826270.04	3.00	0	D	32	-41.9	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	5.2	0.0	0.0	-80.0
446	17611930.28	4826270.04	3.00	0	D	63	-28.7	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	6.4	0.0	0.0	-68.0
446	17611930.28	4826270.04	3.00	0	D	125	-18.6	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-59.5
446	17611930.28	4826270.04	3.00	0	D	250	-11.1	13.6	0.0	0.0	49.6	0.1	-3.0	0.0	0.0	10.0	0.0	0.0	-54.1
446	17611930.28	4826270.04	3.00	0	D	500	-5.7	13.6	0.0	0.0	49.6	0.2	-3.0	0.0	0.0	12.3	0.0	0.0	-51.1
446	17611930.28	4826270.04	3.00	0	D	1000	63.5	13.6	0.0	0.0	49.6	0.3	-3.0	0.0	0.0	14.9	0.0	0.0	15.4
446	17611930.28	4826270.04	3.00	0	D	2000	-1.3	13.6	0.0	0.0	49.6	0.8	-3.0	0.0	0.0	17.7	0.0	0.0	-52.7
446	17611930.28	4826270.04	3.00	0	D	4000	-1.5	13.6	0.0	0.0	49.6	2.8	-3.0	0.0	0.0	20.6	0.0	0.0	-57.8
446	17611930.28	4826270.04	3.00	0	D	8000	-3.6	13.6	0.0	0.0	49.6	9.9	-3.0	0.0	0.0	22.0	0.0	0.0	-68.4
446	17611930.28	4826270.04	3.00	0	N	32	-147.9	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	5.2	0.0	0.0	-186.0
446	17611930.28	4826270.04	3.00	0	N	63	-134.7	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	6.4	0.0	0.0	-174.0
446	17611930.28	4826270.04	3.00	0	N	125	-124.6	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-165.6
446	17611930.28	4826270.04	3.00	0	N	250	-117.1	13.6	0.0	0.0	49.6	0.1	-3.0	0.0	0.0	10.0	0.0	0.0	-160.1
446	17611930.28	4826270.04	3.00	0	N	500	-111.7	13.6	0.0	0.0	49.6	0.2	-3.0	0.0	0.0	12.3	0.0	0.0	-157.1
446	17611930.28	4826270.04	3.00	0	N	1000	-42.5	13.6	0.0	0.0	49.6	0.3	-3.0	0.0	0.0	14.9	0.0	0.0	-90.6
446	17611930.28	4826270.04	3.00	0	N	2000	-107.3	13.6	0.0	0.0	49.6	0.8	-3.0	0.0	0.0	17.7	0.0	0.0	-158.7
446	17611930.28	4826270.04	3.00	0	N	4000	-107.5	13.6	0.0	0.0	49.6	2.8	-3.0	0.0	0.0	20.6	0.0	0.0	-163.8
446	17611930.28	4826270.04	3.00	0	N	8000	-109.6	13.6	0.0	0.0	49.6	9.9	-3.0	0.0	0.0	22.0	0.0	0.0	-174.4
446	17611930.28	4826270.04	3.00	0	E	32	-147.9	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	5.2	0.0	0.0	-186.0
446	17611930.28	4826270.04	3.00	0	E	63	-134.7	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	6.4	0.0	0.0	-174.0
446	17611930.28	4826270.04	3.00	0	E	125	-124.6	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-165.6
446	17611930.28	4826270.04	3.00	0	E	250	-117.1	13.6	0.0	0.0	49.6	0.1	-3.0	0.0	0.0	10.0	0.0	0.0	-160.1
446	17611930.28	4826270.04	3.00	0	E	500	-111.7	13.6	0.0	0.0	49.6	0.2	-3.0	0.0	0.0	12.3	0.0	0.0	-157.1
446	17611930.28	4826270.04	3.00	0	E	1000	-42.5	13.6	0.0	0.0	49.6	0.3	-3.0	0.0	0.0	14.9	0.0	0.0	-90.6
446	17611930.28	4826270.04	3.00	0	E	2000	-107.3	13.6	0.0	0.0	49.6	0.8	-3.0	0.0	0.0	17.7	0.0	0.0	-158.7
446	17611930.28	4826270.04	3.00	0	E	4000	-107.5	13.6	0.0	0.0	49.6	2.8	-3.0	0.0	0.0	20.6	0.0	0.0	-163.8
446	17611930.28	4826270.04	3.00	0	E	8000	-109.6	13.6	0.0	0.0	49.6	9.9	-3.0	0.0	0.0	22.0	0.0	0.0	-174.4
451	17611935.57	4826273.96	3.00	1	D	1000	63.5	13.0	0.0	0.0	53.2	0.5	-3.0	0.0	0.0	9.0	0.0	1.0	15.8
451	17611935.57	4826273.96	3.00	1	D	2000	-1.3	13.0	0.0	0.0	53.2	1.2	-3.0	0.0	0.0	10.0	0.0	1.0	-50.7
451	17611935.57	4826273.96	3.00	1	D	4000	-1.5	13.0	0.0	0.0	53.2	4.2	-3.0	0.0	0.0	11.4	0.0	1.0	-55.3
451	17611935.57	4826273.96	3.00	1	D	8000	-3.6	13.0	0.0	0.0	53.2	15.1	-3.0	0.0	0.0	13.4	0.0	1.0	-70.3
451	17611935.57	4826273.96	3.00	1	N	1000	-42.5	13.0	0.0	0.0	53.2	0.5	-3.0	0.0	0.0	9.0	0.0	1.0	-90.2
451	17611935.57	4826273.96	3.00	1	N	2000	-107.3	13.0	0.0	0.0	53.2	1.2	-3.0	0.0	0.0	10.0	0.0	1.0	-156.7
451	17611935.57	4826273.96	3.00	1	N	4000	-107.5	13.0	0.0	0.0	53.2	4.2	-3.0	0.0	0.0	11.4	0.0	1.0	-161.4
451	17611935.57	4826273.96	3.00	1	N	8000	-109.6	13.0	0.0	0.0	53.2	15.1	-3.0	0.0	0.0	13.4	0.0	1.0	-176.3
451	17611935.57	4826273.96	3.00	1	E	1000	-42.5	13.0	0.0	0.0	53.2	0.5	-3.0	0.0	0.0	9.0	0.0	1.0	-90.2
451	17611935.57	4826273.96	3.00	1	E	2000	-107.3	13.0	0.0	0.0	53.2	1.2	-3.0	0.0	0.0	10.0	0.0	1.0	-156.7
451	17611935.57	4826273.96	3.00	1	E	4000	-107.5	13.0	0.0	0.0	53.2	4.2	-3.0	0.0	0.0	11.4	0.0	1.0	-161.4
451	17611935.57	4826273.96	3.00	1	E	8000	-109.6	13.0	0.0	0.0	53.2	15.1	-3.0	0.0	0.0	13.4	0.0	1.0	-176.3
454	17611942.54	4826279.12	3.00	1	D	250	-11.1	4.4	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-86.2
454	17611942.54	4826279.12	3.00	1	D	500	-5.7	4.4	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-80.9
454	17611942.54	4826279.12	3.00	1	D	1000	63.5	4.4	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-12.0

Sample Calculation: Rc Unmitigated

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
454	17611942.54	4826279.12	3.00	1	D	2000	-1.3	4.4	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-77.6
454	17611942.54	4826279.12	3.00	1	D	4000	-1.5	4.4	0.0	0.0	53.5	4.3	-3.0	0.0	0.0	28.0	0.0	1.0	-80.8
454	17611942.54	4826279.12	3.00	1	D	8000	-3.6	4.4	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-94.1
454	17611942.54	4826279.12	3.00	1	N	250	-117.1	4.4	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-192.2
454	17611942.54	4826279.12	3.00	1	N	500	-111.7	4.4	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-187.0
454	17611942.54	4826279.12	3.00	1	N	1000	-42.5	4.4	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-118.0
454	17611942.54	4826279.12	3.00	1	N	2000	-107.3	4.4	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-183.6
454	17611942.54	4826279.12	3.00	1	N	4000	-107.5	4.4	0.0	0.0	53.5	4.3	-3.0	0.0	0.0	28.0	0.0	1.0	-186.9
454	17611942.54	4826279.12	3.00	1	N	8000	-109.6	4.4	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-200.1
454	17611942.54	4826279.12	3.00	1	E	250	-117.1	4.4	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-192.2
454	17611942.54	4826279.12	3.00	1	E	500	-111.7	4.4	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-187.0
454	17611942.54	4826279.12	3.00	1	E	1000	-42.5	4.4	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-118.0
454	17611942.54	4826279.12	3.00	1	E	2000	-107.3	4.4	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-183.6
454	17611942.54	4826279.12	3.00	1	E	4000	-107.5	4.4	0.0	0.0	53.5	4.3	-3.0	0.0	0.0	28.0	0.0	1.0	-186.9
454	17611942.54	4826279.12	3.00	1	E	8000	-109.6	4.4	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-200.1
462	17611940.71	4826277.77	3.00	1	D	63	-28.7	8.6	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-68.2
462	17611940.71	4826277.77	3.00	1	D	125	-18.6	8.6	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-58.1
462	17611940.71	4826277.77	3.00	1	D	250	-11.1	8.6	0.0	0.0	50.1	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-50.7
462	17611940.71	4826277.77	3.00	1	D	500	-5.7	8.6	0.0	0.0	50.1	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-45.3
462	17611940.71	4826277.77	3.00	1	D	1000	63.5	8.6	0.0	0.0	50.1	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	23.7
462	17611940.71	4826277.77	3.00	1	D	2000	-1.3	8.6	0.0	0.0	50.1	0.9	-3.0	0.0	0.0	0.0	0.0	1.0	-41.6
462	17611940.71	4826277.77	3.00	1	D	4000	-1.5	8.6	0.0	0.0	50.1	3.0	-3.0	0.0	0.0	0.0	0.0	1.0	-43.9
462	17611940.71	4826277.77	3.00	1	D	8000	-3.6	8.6	0.0	0.0	50.1	10.6	-3.0	0.0	0.0	0.0	0.0	1.0	-53.6
462	17611940.71	4826277.77	3.00	1	N	63	-134.7	8.6	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-174.2
462	17611940.71	4826277.77	3.00	1	N	125	-124.6	8.6	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-164.1
462	17611940.71	4826277.77	3.00	1	N	250	-117.1	8.6	0.0	0.0	50.1	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-156.7
462	17611940.71	4826277.77	3.00	1	N	500	-111.7	8.6	0.0	0.0	50.1	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-151.4
462	17611940.71	4826277.77	3.00	1	N	1000	-42.5	8.6	0.0	0.0	50.1	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-82.3
462	17611940.71	4826277.77	3.00	1	N	2000	-107.3	8.6	0.0	0.0	50.1	0.9	-3.0	0.0	0.0	0.0	0.0	1.0	-147.7
462	17611940.71	4826277.77	3.00	1	N	4000	-107.5	8.6	0.0	0.0	50.1	3.0	-3.0	0.0	0.0	0.0	0.0	1.0	-149.9
462	17611940.71	4826277.77	3.00	1	N	8000	-109.6	8.6	0.0	0.0	50.1	10.6	-3.0	0.0	0.0	0.0	0.0	1.0	-159.7
462	17611940.71	4826277.77	3.00	1	E	63	-134.7	8.6	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-174.2
462	17611940.71	4826277.77	3.00	1	E	125	-124.6	8.6	0.0	0.0	50.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-164.1
462	17611940.71	4826277.77	3.00	1	E	250	-117.1	8.6	0.0	0.0	50.1	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-156.7
462	17611940.71	4826277.77	3.00	1	E	500	-111.7	8.6	0.0	0.0	50.1	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-151.4
462	17611940.71	4826277.77	3.00	1	E	1000	-42.5	8.6	0.0	0.0	50.1	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-82.3
462	17611940.71	4826277.77	3.00	1	E	2000	-107.3	8.6	0.0	0.0	50.1	0.9	-3.0	0.0	0.0	0.0	0.0	1.0	-147.7
462	17611940.71	4826277.77	3.00	1	E	4000	-107.5	8.6	0.0	0.0	50.1	3.0	-3.0	0.0	0.0	0.0	0.0	1.0	-149.9
462	17611940.71	4826277.77	3.00	1	E	8000	-109.6	8.6	0.0	0.0	50.1	10.6	-3.0	0.0	0.0	0.0	0.0	1.0	-159.7
465	17611935.30	4826273.76	3.00	1	D	63	-28.7	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.6	0.0	1.0	-78.0
465	17611935.30	4826273.76	3.00	1	D	125	-18.6	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-68.7
465	17611935.30	4826273.76	3.00	1	D	250	-11.1	7.9	0.0	0.0	50.6	0.1	-3.0	0.0	0.0	10.5	0.0	1.0	-62.4
465	17611935.30	4826273.76	3.00	1	D	500	-5.7	7.9	0.0	0.0	50.6	0.2	-3.0	0.0	0.0	12.2	0.0	1.0	-58.7
465	17611935.30	4826273.76	3.00	1	D	1000	63.5	7.9	0.0	0.0	50.6	0.3	-3.0	0.0	0.0	14.3	0.0	1.0	8.2
465	17611935.30	4826273.76	3.00	1	D	2000	-1.3	7.9	0.0	0.0	50.6	0.9	-3.0	0.0	0.0	16.8	0.0	1.0	-59.7
465	17611935.30	4826273.76	3.00	1	D	4000	-1.5	7.9	0.0	0.0	50.6	3.1	-3.0	0.0	0.0	19.5	0.0	1.0	-64.9
465	17611935.30	4826273.76	3.00	1	D	8000	-3.6	7.9	0.0	0.0	50.6	11.1	-3.0	0.0	0.0	22.4	0.0	1.0	-77.8
465	17611935.30	4826273.76	3.00	1	N	63	-134.7	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.6	0.0	1.0	-184.1
465	17611935.30	4826273.76	3.00	1	N	125	-124.6	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-174.7
465	17611935.30	4826273.76	3.00	1	N	250	-117.1	7.9	0.0	0.0	50.6	0.1	-3.0	0.0	0.0	10.5	0.0	1.0	-168.4
465	17611935.30	4826273.76	3.00	1	N	500	-111.7	7.9	0.0	0.0	50.6	0.2	-3.0	0.0	0.0	12.2	0.0	1.0	-164.8
465	17611935.30	4826273.76	3.00	1	N	1000	-42.5	7.9	0.0	0.0	50.6	0.3	-3.0	0.0	0.0	14.3	0.0	1.0	-97.9
465	17611935.30	4826273.76	3.00	1	N	2000	-107.3	7.9	0.0	0.0	50.6	0.9	-3.0	0.0	0.0	16.8	0.0	1.0	-165.7
465	17611935.30	4826273.76	3.00	1	N	4000	-107.5	7.9	0.0	0.0	50.6	3.1	-3.0	0.0	0.0	19.5	0.0	1.0	-170.9
465	17611935.30	4826273.76	3.00	1	N	8000	-109.6	7.9	0.0	0.0	50.6	11.1	-3.0	0.0	0.0	22.4	0.0	1.0	-183.9
465	17611935.30	4826273.76	3.00	1	E	63	-134.7	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.6	0.0	1.0	-184.1
465	17611935.30	4826273.76	3.00	1	E	125	-124.6	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-174.7
465	17611935.30	4826273.76	3.00	1	E	250	-117.1	7.9	0.0	0.0	50.6	0.1	-3.0	0.0	0.0	10.5	0.0	1.0	-168.4
465	17611935.30	4826273.76	3.00	1	E	500	-111.7	7.9	0.0	0.0	50.6	0.2	-3.0	0.0	0.0	12.2	0.0	1.0	-164.8
465	17611935.30	4826273.76	3.00	1	E	1000	-42.5	7.9	0.0	0.0	50.6	0.3	-3.0	0.0	0.0	14.3	0.0	1.0	-97.9
465	17611935.30	4826273.76	3.00	1	E	2000	-107.3	7.9	0.0	0.0	50.6	0.9	-3.0	0.0	0.0	16.8	0.0	1.0	-165.7
465	17611935.30	4826273.76	3.00	1	E	4000	-107.5	7.9	0.0	0.0	50.6	3.1	-3.0	0.0	0.0	19.5	0.0	1.0	-170.9
465	17611935.30	4826273.76	3.00	1	E	8000	-109.6	7.9	0.0	0.0	50.6	11.1	-3.0	0.0	0.0	22.4	0.0	1.0	-183.9

Sample Calculation: Rc Unmitigated

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
468	17611926.90	4826267.54	3.00	1	D	63	-28.7	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-75.7
468	17611926.90	4826267.54	3.00	1	D	125	-18.6	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	10.6	0.0	1.0	-66.8
468	17611926.90	4826267.54	3.00	1	D	250	-11.1	11.7	0.0	0.0	51.3	0.1	-3.0	0.0	0.0	12.3	0.0	1.0	-61.0
468	17611926.90	4826267.54	3.00	1	D	500	-5.7	11.7	0.0	0.0	51.3	0.2	-3.0	0.0	0.0	14.4	0.0	1.0	-57.9
468	17611926.90	4826267.54	3.00	1	D	1000	63.5	11.7	0.0	0.0	51.3	0.4	-3.0	0.0	0.0	16.9	0.0	1.0	8.6
468	17611926.90	4826267.54	3.00	1	D	2000	-1.3	11.7	0.0	0.0	51.3	1.0	-3.0	0.0	0.0	19.7	0.0	1.0	-59.6
468	17611926.90	4826267.54	3.00	1	D	4000	-1.5	11.7	0.0	0.0	51.3	3.4	-3.0	0.0	0.0	22.5	0.0	1.0	-65.0
468	17611926.90	4826267.54	3.00	1	D	8000	-3.6	11.7	0.0	0.0	51.3	12.1	-3.0	0.0	0.0	23.0	0.0	1.0	-76.3
468	17611926.90	4826267.54	3.00	1	N	63	-134.7	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-181.7
468	17611926.90	4826267.54	3.00	1	N	125	-124.6	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	10.6	0.0	1.0	-172.8
468	17611926.90	4826267.54	3.00	1	N	250	-117.1	11.7	0.0	0.0	51.3	0.1	-3.0	0.0	0.0	12.3	0.0	1.0	-167.1
468	17611926.90	4826267.54	3.00	1	N	500	-111.7	11.7	0.0	0.0	51.3	0.2	-3.0	0.0	0.0	14.4	0.0	1.0	-163.9
468	17611926.90	4826267.54	3.00	1	N	1000	-42.5	11.7	0.0	0.0	51.3	0.4	-3.0	0.0	0.0	16.9	0.0	1.0	-97.4
468	17611926.90	4826267.54	3.00	1	N	2000	-107.3	11.7	0.0	0.0	51.3	1.0	-3.0	0.0	0.0	19.7	0.0	1.0	-165.6
468	17611926.90	4826267.54	3.00	1	N	4000	-107.5	11.7	0.0	0.0	51.3	3.4	-3.0	0.0	0.0	22.5	0.0	1.0	-171.0
468	17611926.90	4826267.54	3.00	1	N	8000	-109.6	11.7	0.0	0.0	51.3	12.1	-3.0	0.0	0.0	23.0	0.0	1.0	-182.3
468	17611926.90	4826267.54	3.00	1	E	63	-134.7	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-181.7
468	17611926.90	4826267.54	3.00	1	E	125	-124.6	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	10.6	0.0	1.0	-172.8
468	17611926.90	4826267.54	3.00	1	E	250	-117.1	11.7	0.0	0.0	51.3	0.1	-3.0	0.0	0.0	12.3	0.0	1.0	-167.1
468	17611926.90	4826267.54	3.00	1	E	500	-111.7	11.7	0.0	0.0	51.3	0.2	-3.0	0.0	0.0	14.4	0.0	1.0	-163.9
468	17611926.90	4826267.54	3.00	1	E	1000	-42.5	11.7	0.0	0.0	51.3	0.4	-3.0	0.0	0.0	16.9	0.0	1.0	-97.4
468	17611926.90	4826267.54	3.00	1	E	2000	-107.3	11.7	0.0	0.0	51.3	1.0	-3.0	0.0	0.0	19.7	0.0	1.0	-165.6
468	17611926.90	4826267.54	3.00	1	E	4000	-107.5	11.7	0.0	0.0	51.3	3.4	-3.0	0.0	0.0	22.5	0.0	1.0	-171.0
468	17611926.90	4826267.54	3.00	1	E	8000	-109.6	11.7	0.0	0.0	51.3	12.1	-3.0	0.0	0.0	23.0	0.0	1.0	-182.3
471	17611932.32	4826271.55	3.00	2	D	1000	63.5	14.5	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	9.3	0.0	2.0	15.2
471	17611932.32	4826271.55	3.00	2	D	2000	-1.3	14.5	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	10.5	0.0	2.0	-51.6
471	17611932.32	4826271.55	3.00	2	D	4000	-1.5	14.5	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	12.1	0.0	2.0	-56.7
471	17611932.32	4826271.55	3.00	2	D	8000	-3.6	14.5	0.0	0.0	54.0	16.5	-3.0	0.0	0.0	14.3	0.0	2.0	-72.9
471	17611932.32	4826271.55	3.00	2	N	1000	-42.5	14.5	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	9.3	0.0	2.0	-90.8
471	17611932.32	4826271.55	3.00	2	N	2000	-107.3	14.5	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	10.5	0.0	2.0	-157.6
471	17611932.32	4826271.55	3.00	2	N	4000	-107.5	14.5	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	12.1	0.0	2.0	-162.8
471	17611932.32	4826271.55	3.00	2	N	8000	-109.6	14.5	0.0	0.0	54.0	16.5	-3.0	0.0	0.0	14.3	0.0	2.0	-178.9
471	17611932.32	4826271.55	3.00	2	E	1000	-42.5	14.5	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	9.3	0.0	2.0	-90.8
471	17611932.32	4826271.55	3.00	2	E	2000	-107.3	14.5	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	10.5	0.0	2.0	-157.6
471	17611932.32	4826271.55	3.00	2	E	4000	-107.5	14.5	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	12.1	0.0	2.0	-162.8
471	17611932.32	4826271.55	3.00	2	E	8000	-109.6	14.5	0.0	0.0	54.0	16.5	-3.0	0.0	0.0	14.3	0.0	2.0	-178.9
475	17611930.27	4826269.95	3.00	0	D	32	-41.9	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	5.2	0.0	0.0	-80.0
475	17611930.27	4826269.95	3.00	0	D	63	-28.7	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	6.4	0.0	0.0	-68.0
475	17611930.27	4826269.95	3.00	0	D	125	-18.6	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-59.5
475	17611930.27	4826269.95	3.00	0	D	250	-11.1	13.6	0.0	0.0	49.6	0.1	-3.0	0.0	0.0	9.9	0.0	0.0	-54.1
475	17611930.27	4826269.95	3.00	0	D	500	-5.7	13.6	0.0	0.0	49.6	0.2	-3.0	0.0	0.0	12.3	0.0	0.0	-51.1
475	17611930.27	4826269.95	3.00	0	D	1000	63.5	13.6	0.0	0.0	49.6	0.3	-3.0	0.0	0.0	14.9	0.0	0.0	15.4
475	17611930.27	4826269.95	3.00	0	D	2000	-1.3	13.6	0.0	0.0	49.6	0.8	-3.0	0.0	0.0	17.6	0.0	0.0	-52.7
475	17611930.27	4826269.95	3.00	0	D	4000	-1.5	13.6	0.0	0.0	49.6	2.8	-3.0	0.0	0.0	20.5	0.0	0.0	-57.7
475	17611930.27	4826269.95	3.00	0	D	8000	-3.6	13.6	0.0	0.0	49.6	9.9	-3.0	0.0	0.0	22.0	0.0	0.0	-68.5
475	17611930.27	4826269.95	3.00	0	N	32	-147.9	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	5.2	0.0	0.0	-186.0
475	17611930.27	4826269.95	3.00	0	N	63	-134.7	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	6.4	0.0	0.0	-174.1
475	17611930.27	4826269.95	3.00	0	N	125	-124.6	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-165.6
475	17611930.27	4826269.95	3.00	0	N	250	-117.1	13.6	0.0	0.0	49.6	0.1	-3.0	0.0	0.0	9.9	0.0	0.0	-160.1
475	17611930.27	4826269.95	3.00	0	N	500	-111.7	13.6	0.0	0.0	49.6	0.2	-3.0	0.0	0.0	12.3	0.0	0.0	-157.1
475	17611930.27	4826269.95	3.00	0	N	1000	-42.5	13.6	0.0	0.0	49.6	0.3	-3.0	0.0	0.0	14.9	0.0	0.0	-90.6
475	17611930.27	4826269.95	3.00	0	N	2000	-107.3	13.6	0.0	0.0	49.6	0.8	-3.0	0.0	0.0	17.6	0.0	0.0	-158.7
475	17611930.27	4826269.95	3.00	0	N	4000	-107.5	13.6	0.0	0.0	49.6	2.8	-3.0	0.0	0.0	20.5	0.0	0.0	-163.8
475	17611930.27	4826269.95	3.00	0	N	8000	-109.6	13.6	0.0	0.0	49.6	9.9	-3.0	0.0	0.0	22.0	0.0	0.0	-174.5
475	17611930.27	4826269.95	3.00	0	E	32	-147.9	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	5.2	0.0	0.0	-186.0
475	17611930.27	4826269.95	3.00	0	E	63	-134.7	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	6.4	0.0	0.0	-174.1
475	17611930.27	4826269.95	3.00	0	E	125	-124.6	13.6	0.0	0.0	49.6	0.0	-3.0	0.0	0.0	8.0	0.0	0.0	-165.6
475	17611930.27	4826269.95	3.00	0	E	250	-117.1	13.6	0.0	0.0	49.6	0.1	-3.0	0.0	0.0	9.9	0.0	0.0	-160.1
475	17611930.27	4826269.95	3.00	0	E	500	-111.7	13.6	0.0	0.0	49.6	0.2	-3.0	0.0	0.0	12.3	0.0	0.0	-157.1
475	17611930.27	4826269.95	3.00	0	E	1000	-42.5	13.6	0.0	0.0	49.6	0.3	-3.0	0.0	0.0	14.9	0.0	0.0	-90.6
475	17611930.27	4826269.95	3.00	0	E	2000	-107.3	13.6	0.0	0.0	49.6	0.8	-3.0	0.0	0.0	17.6	0.0	0.0	-158.7
475	17611930.27	4826269.95	3.00	0	E	4000	-107.5	13.6	0.0	0.0	49.6	2.8	-3.0	0.0	0.0	20.5	0.0	0.0	-163.8
475	17611930.27	4826269.95	3.00	0	E	8000	-109.6	13.6	0.0	0.0	49.6	9.9	-3.0	0.0	0.0	22.0	0.0	0.0	-174.5

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
478	17611941.61	4826278.24	3.00	0	D	32	-41.9	7.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-80.4
478	17611941.61	4826278.24	3.00	0	D	63	-28.7	7.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-67.2
478	17611941.61	4826278.24	3.00	0	D	125	-18.6	7.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-57.2
478	17611941.61	4826278.24	3.00	0	D	250	-11.1	7.0	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-49.7
478	17611941.61	4826278.24	3.00	0	D	500	-5.7	7.0	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-44.4
478	17611941.61	4826278.24	3.00	0	D	1000	63.5	7.0	0.0	0.0	48.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	24.7
478	17611941.61	4826278.24	3.00	0	D	2000	-1.3	7.0	0.0	0.0	48.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	-40.6
478	17611941.61	4826278.24	3.00	0	D	4000	-1.5	7.0	0.0	0.0	48.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	-42.5
478	17611941.61	4826278.24	3.00	0	D	8000	-3.6	7.0	0.0	0.0	48.6	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	-51.0
478	17611941.61	4826278.24	3.00	0	N	32	-147.9	7.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-186.4
478	17611941.61	4826278.24	3.00	0	N	63	-134.7	7.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-173.3
478	17611941.61	4826278.24	3.00	0	N	125	-124.6	7.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-163.2
478	17611941.61	4826278.24	3.00	0	N	250	-117.1	7.0	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-155.7
478	17611941.61	4826278.24	3.00	0	N	500	-111.7	7.0	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-150.4
478	17611941.61	4826278.24	3.00	0	N	1000	-42.5	7.0	0.0	0.0	48.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	-81.3
478	17611941.61	4826278.24	3.00	0	N	2000	-107.3	7.0	0.0	0.0	48.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	-146.6
478	17611941.61	4826278.24	3.00	0	N	4000	-107.5	7.0	0.0	0.0	48.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	-148.5
478	17611941.61	4826278.24	3.00	0	N	8000	-109.6	7.0	0.0	0.0	48.6	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	-157.0
478	17611941.61	4826278.24	3.00	0	E	32	-147.9	7.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-186.4
478	17611941.61	4826278.24	3.00	0	E	63	-134.7	7.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-173.3
478	17611941.61	4826278.24	3.00	0	E	125	-124.6	7.0	0.0	0.0	48.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-163.2
478	17611941.61	4826278.24	3.00	0	E	250	-117.1	7.0	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-155.7
478	17611941.61	4826278.24	3.00	0	E	500	-111.7	7.0	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-150.4
478	17611941.61	4826278.24	3.00	0	E	1000	-42.5	7.0	0.0	0.0	48.6	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	-81.3
478	17611941.61	4826278.24	3.00	0	E	2000	-107.3	7.0	0.0	0.0	48.6	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	-146.6
478	17611941.61	4826278.24	3.00	0	E	4000	-107.5	7.0	0.0	0.0	48.6	2.5	-3.0	0.0	0.0	0.0	0.0	0.0	-148.5
478	17611941.61	4826278.24	3.00	0	E	8000	-109.6	7.0	0.0	0.0	48.6	8.9	-3.0	0.0	0.0	0.0	0.0	0.0	-157.0
481	17611933.65	4826272.41	3.00	1	D	1000	63.5	12.3	0.0	0.0	53.1	0.5	-3.0	0.0	0.0	9.5	0.0	1.0	14.9
481	17611933.65	4826272.41	3.00	1	D	2000	-1.3	12.3	0.0	0.0	53.1	1.2	-3.0	0.0	0.0	10.7	0.0	1.0	-51.9
481	17611933.65	4826272.41	3.00	1	D	4000	-1.5	12.3	0.0	0.0	53.1	4.2	-3.0	0.0	0.0	12.4	0.0	1.0	-56.8
481	17611933.65	4826272.41	3.00	1	D	8000	-3.6	12.3	0.0	0.0	53.1	14.8	-3.0	0.0	0.0	14.6	0.0	1.0	-71.7
481	17611933.65	4826272.41	3.00	1	N	1000	-42.5	12.3	0.0	0.0	53.1	0.5	-3.0	0.0	0.0	9.5	0.0	1.0	-91.2
481	17611933.65	4826272.41	3.00	1	N	2000	-107.3	12.3	0.0	0.0	53.1	1.2	-3.0	0.0	0.0	10.7	0.0	1.0	-157.9
481	17611933.65	4826272.41	3.00	1	N	4000	-107.5	12.3	0.0	0.0	53.1	4.2	-3.0	0.0	0.0	12.4	0.0	1.0	-162.8
481	17611933.65	4826272.41	3.00	1	N	8000	-109.6	12.3	0.0	0.0	53.1	14.8	-3.0	0.0	0.0	14.6	0.0	1.0	-177.8
481	17611933.65	4826272.41	3.00	1	E	1000	-42.5	12.3	0.0	0.0	53.1	0.5	-3.0	0.0	0.0	9.5	0.0	1.0	-91.2
481	17611933.65	4826272.41	3.00	1	E	2000	-107.3	12.3	0.0	0.0	53.1	1.2	-3.0	0.0	0.0	10.7	0.0	1.0	-157.9
481	17611933.65	4826272.41	3.00	1	E	4000	-107.5	12.3	0.0	0.0	53.1	4.2	-3.0	0.0	0.0	12.4	0.0	1.0	-162.8
481	17611933.65	4826272.41	3.00	1	E	8000	-109.6	12.3	0.0	0.0	53.1	14.8	-3.0	0.0	0.0	14.6	0.0	1.0	-177.8
484	17611942.10	4826278.59	3.00	1	D	1000	63.5	5.9	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	8.1	0.0	1.0	9.1
484	17611942.10	4826278.59	3.00	1	D	2000	-1.3	5.9	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	8.4	0.0	1.0	-56.9
484	17611942.10	4826278.59	3.00	1	D	4000	-1.5	5.9	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	8.9	0.0	1.0	-60.8
484	17611942.10	4826278.59	3.00	1	D	8000	-3.6	5.9	0.0	0.0	53.8	16.0	-3.0	0.0	0.0	9.8	0.0	1.0	-75.3
484	17611942.10	4826278.59	3.00	1	N	1000	-42.5	5.9	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	8.1	0.0	1.0	-97.0
484	17611942.10	4826278.59	3.00	1	N	2000	-107.3	5.9	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	8.4	0.0	1.0	-162.9
484	17611942.10	4826278.59	3.00	1	N	4000	-107.5	5.9	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	8.9	0.0	1.0	-166.8
484	17611942.10	4826278.59	3.00	1	N	8000	-109.6	5.9	0.0	0.0	53.8	16.0	-3.0	0.0	0.0	9.8	0.0	1.0	-181.3
484	17611942.10	4826278.59	3.00	1	E	1000	-42.5	5.9	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	8.1	0.0	1.0	-97.0
484	17611942.10	4826278.59	3.00	1	E	2000	-107.3	5.9	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	8.4	0.0	1.0	-162.9
484	17611942.10	4826278.59	3.00	1	E	4000	-107.5	5.9	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	8.9	0.0	1.0	-166.8
484	17611942.10	4826278.59	3.00	1	E	8000	-109.6	5.9	0.0	0.0	53.8	16.0	-3.0	0.0	0.0	9.8	0.0	1.0	-181.3
487	17611942.51	4826278.90	3.00	1	D	250	-11.1	4.1	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-86.6
487	17611942.51	4826278.90	3.00	1	D	500	-5.7	4.1	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-81.3
487	17611942.51	4826278.90	3.00	1	D	1000	63.5	4.1	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-12.4
487	17611942.51	4826278.90	3.00	1	D	2000	-1.3	4.1	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-78.0
487	17611942.51	4826278.90	3.00	1	D	4000	-1.5	4.1	0.0	0.0	53.5	4.4	-3.0	0.0	0.0	28.0	0.0	1.0	-81.2
487	17611942.51	4826278.90	3.00	1	D	8000	-3.6	4.1	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-94.5
487	17611942.51	4826278.90	3.00	1	N	250	-117.1	4.1	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-192.6
487	17611942.51	4826278.90	3.00	1	N	500	-111.7	4.1	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-187.4
487	17611942.51	4826278.90	3.00	1	N	1000	-42.5	4.1	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-118.4
487	17611942.51	4826278.90	3.00	1	N	2000	-107.3	4.1	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-184.0
487	17611942.51	4826278.90	3.00	1	N	4000	-107.5	4.1	0.0	0.0	53.5	4.4	-3.0	0.0	0.0	28.0	0.0	1.0	-187.3
487	17611942.51	4826278.90	3.00	1	N	8000	-109.6	4.1	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-200.5

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
487	17611942.51	4826278.90	3.00	1	E	250	-117.1	4.1	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-192.6
487	17611942.51	4826278.90	3.00	1	E	500	-111.7	4.1	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-187.4
487	17611942.51	4826278.90	3.00	1	E	1000	-42.5	4.1	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-118.4
487	17611942.51	4826278.90	3.00	1	E	2000	-107.3	4.1	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-184.0
487	17611942.51	4826278.90	3.00	1	E	4000	-107.5	4.1	0.0	0.0	53.5	4.4	-3.0	0.0	0.0	28.0	0.0	1.0	-187.3
487	17611942.51	4826278.90	3.00	1	E	8000	-109.6	4.1	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-200.5
490	17611943.60	4826279.69	3.00	1	D	250	-11.1	-8.3	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-98.9
490	17611943.60	4826279.69	3.00	1	D	500	-5.7	-8.3	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-93.7
490	17611943.60	4826279.69	3.00	1	D	1000	63.5	-8.3	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-24.7
490	17611943.60	4826279.69	3.00	1	D	2000	-1.3	-8.3	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-90.3
490	17611943.60	4826279.69	3.00	1	D	4000	-1.5	-8.3	0.0	0.0	53.5	4.3	-3.0	0.0	0.0	28.0	0.0	1.0	-93.5
490	17611943.60	4826279.69	3.00	1	D	8000	-3.6	-8.3	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-106.8
490	17611943.60	4826279.69	3.00	1	N	250	-117.1	-8.3	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-205.0
490	17611943.60	4826279.69	3.00	1	N	500	-111.7	-8.3	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-199.7
490	17611943.60	4826279.69	3.00	1	N	1000	-42.5	-8.3	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-130.7
490	17611943.60	4826279.69	3.00	1	N	2000	-107.3	-8.3	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-196.3
490	17611943.60	4826279.69	3.00	1	N	4000	-107.5	-8.3	0.0	0.0	53.5	4.3	-3.0	0.0	0.0	28.0	0.0	1.0	-199.6
490	17611943.60	4826279.69	3.00	1	N	8000	-109.6	-8.3	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-212.8
490	17611943.60	4826279.69	3.00	1	E	250	-117.1	-8.3	0.0	0.0	53.5	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-205.0
490	17611943.60	4826279.69	3.00	1	E	500	-111.7	-8.3	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-199.7
490	17611943.60	4826279.69	3.00	1	E	1000	-42.5	-8.3	0.0	0.0	53.5	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-130.7
490	17611943.60	4826279.69	3.00	1	E	2000	-107.3	-8.3	0.0	0.0	53.5	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-196.3
490	17611943.60	4826279.69	3.00	1	E	4000	-107.5	-8.3	0.0	0.0	53.5	4.3	-3.0	0.0	0.0	28.0	0.0	1.0	-199.6
490	17611943.60	4826279.69	3.00	1	E	8000	-109.6	-8.3	0.0	0.0	53.5	15.5	-3.0	0.0	0.0	28.0	0.0	1.0	-212.8
493	17611926.89	4826267.47	3.00	1	D	63	-28.7	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-75.7
493	17611926.89	4826267.47	3.00	1	D	125	-18.6	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	10.5	0.0	1.0	-66.8
493	17611926.89	4826267.47	3.00	1	D	250	-11.1	11.7	0.0	0.0	51.3	0.1	-3.0	0.0	0.0	12.2	0.0	1.0	-61.0
493	17611926.89	4826267.47	3.00	1	D	500	-5.7	11.7	0.0	0.0	51.3	0.2	-3.0	0.0	0.0	14.4	0.0	1.0	-57.9
493	17611926.89	4826267.47	3.00	1	D	1000	63.5	11.7	0.0	0.0	51.3	0.4	-3.0	0.0	0.0	16.9	0.0	1.0	8.6
493	17611926.89	4826267.47	3.00	1	D	2000	-1.3	11.7	0.0	0.0	51.3	1.0	-3.0	0.0	0.0	19.6	0.0	1.0	-59.5
493	17611926.89	4826267.47	3.00	1	D	4000	-1.5	11.7	0.0	0.0	51.3	3.4	-3.0	0.0	0.0	22.5	0.0	1.0	-65.0
493	17611926.89	4826267.47	3.00	1	D	8000	-3.6	11.7	0.0	0.0	51.3	12.1	-3.0	0.0	0.0	23.0	0.0	1.0	-76.3
493	17611926.89	4826267.47	3.00	1	N	63	-134.7	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-181.7
493	17611926.89	4826267.47	3.00	1	N	125	-124.6	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	10.5	0.0	1.0	-172.8
493	17611926.89	4826267.47	3.00	1	N	250	-117.1	11.7	0.0	0.0	51.3	0.1	-3.0	0.0	0.0	12.2	0.0	1.0	-167.1
493	17611926.89	4826267.47	3.00	1	N	500	-111.7	11.7	0.0	0.0	51.3	0.2	-3.0	0.0	0.0	14.4	0.0	1.0	-163.9
493	17611926.89	4826267.47	3.00	1	N	1000	-42.5	11.7	0.0	0.0	51.3	0.4	-3.0	0.0	0.0	16.9	0.0	1.0	-97.4
493	17611926.89	4826267.47	3.00	1	N	2000	-107.3	11.7	0.0	0.0	51.3	1.0	-3.0	0.0	0.0	19.6	0.0	1.0	-165.6
493	17611926.89	4826267.47	3.00	1	N	4000	-107.5	11.7	0.0	0.0	51.3	3.4	-3.0	0.0	0.0	22.5	0.0	1.0	-171.0
493	17611926.89	4826267.47	3.00	1	N	8000	-109.6	11.7	0.0	0.0	51.3	12.1	-3.0	0.0	0.0	23.0	0.0	1.0	-182.3
493	17611926.89	4826267.47	3.00	1	E	63	-134.7	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-181.7
493	17611926.89	4826267.47	3.00	1	E	125	-124.6	11.7	0.0	0.0	51.3	0.0	-3.0	0.0	0.0	10.5	0.0	1.0	-172.8
493	17611926.89	4826267.47	3.00	1	E	250	-117.1	11.7	0.0	0.0	51.3	0.1	-3.0	0.0	0.0	12.2	0.0	1.0	-167.1
493	17611926.89	4826267.47	3.00	1	E	500	-111.7	11.7	0.0	0.0	51.3	0.2	-3.0	0.0	0.0	14.4	0.0	1.0	-163.9
493	17611926.89	4826267.47	3.00	1	E	1000	-42.5	11.7	0.0	0.0	51.3	0.4	-3.0	0.0	0.0	16.9	0.0	1.0	-97.4
493	17611926.89	4826267.47	3.00	1	E	2000	-107.3	11.7	0.0	0.0	51.3	1.0	-3.0	0.0	0.0	19.6	0.0	1.0	-165.6
493	17611926.89	4826267.47	3.00	1	E	4000	-107.5	11.7	0.0	0.0	51.3	3.4	-3.0	0.0	0.0	22.5	0.0	1.0	-171.0
493	17611926.89	4826267.47	3.00	1	E	8000	-109.6	11.7	0.0	0.0	51.3	12.1	-3.0	0.0	0.0	23.0	0.0	1.0	-182.3
496	17611935.27	4826273.60	3.00	1	D	63	-28.7	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.6	0.0	1.0	-78.0
496	17611935.27	4826273.60	3.00	1	D	125	-18.6	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	9.3	0.0	1.0	-68.7
496	17611935.27	4826273.60	3.00	1	D	250	-11.1	7.9	0.0	0.0	50.6	0.1	-3.0	0.0	0.0	10.5	0.0	1.0	-62.4
496	17611935.27	4826273.60	3.00	1	D	500	-5.7	7.9	0.0	0.0	50.6	0.2	-3.0	0.0	0.0	12.1	0.0	1.0	-58.7
496	17611935.27	4826273.60	3.00	1	D	1000	63.5	7.9	0.0	0.0	50.6	0.3	-3.0	0.0	0.0	14.2	0.0	1.0	8.2
496	17611935.27	4826273.60	3.00	1	D	2000	-1.3	7.9	0.0	0.0	50.6	0.9	-3.0	0.0	0.0	16.7	0.0	1.0	-59.7
496	17611935.27	4826273.60	3.00	1	D	4000	-1.5	7.9	0.0	0.0	50.6	3.1	-3.0	0.0	0.0	19.4	0.0	1.0	-64.8
496	17611935.27	4826273.60	3.00	1	D	8000	-3.6	7.9	0.0	0.0	50.6	11.2	-3.0	0.0	0.0	22.3	0.0	1.0	-77.8
496	17611935.27	4826273.60	3.00	1	N	63	-134.7	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.6	0.0	1.0	-184.1
496	17611935.27	4826273.60	3.00	1	N	125	-124.6	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	9.3	0.0	1.0	-174.7
496	17611935.27	4826273.60	3.00	1	N	250	-117.1	7.9	0.0	0.0	50.6	0.1	-3.0	0.0	0.0	10.5	0.0	1.0	-168.4
496	17611935.27	4826273.60	3.00	1	N	500	-111.7	7.9	0.0	0.0	50.6	0.2	-3.0	0.0	0.0	12.1	0.0	1.0	-164.7
496	17611935.27	4826273.60	3.00	1	N	1000	-42.5	7.9	0.0	0.0	50.6	0.3	-3.0	0.0	0.0	14.2	0.0	1.0	-97.8
496	17611935.27	4826273.60	3.00	1	N	2000	-107.3	7.9	0.0	0.0	50.6	0.9	-3.0	0.0	0.0	16.7	0.0	1.0	-165.7
496	17611935.27	4826273.60	3.00	1	N	4000	-107.5	7.9	0.0	0.0	50.6	3.1	-3.0	0.0	0.0	19.4	0.0	1.0	-170.8

Sample Calculation: Rc Unmitigated

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
496	17611935.27	4826273.60	3.00	1	N	8000	-109.6	7.9	0.0	0.0	50.6	11.2	-3.0	0.0	0.0	22.3	0.0	1.0	-183.8
496	17611935.27	4826273.60	3.00	1	E	63	-134.7	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	8.6	0.0	1.0	-184.1
496	17611935.27	4826273.60	3.00	1	E	125	-124.6	7.9	0.0	0.0	50.6	0.0	-3.0	0.0	0.0	9.3	0.0	1.0	-174.7
496	17611935.27	4826273.60	3.00	1	E	250	-117.1	7.9	0.0	0.0	50.6	0.1	-3.0	0.0	0.0	10.5	0.0	1.0	-168.4
496	17611935.27	4826273.60	3.00	1	E	500	-111.7	7.9	0.0	0.0	50.6	0.2	-3.0	0.0	0.0	12.1	0.0	1.0	-164.7
496	17611935.27	4826273.60	3.00	1	E	1000	-42.5	7.9	0.0	0.0	50.6	0.3	-3.0	0.0	0.0	14.2	0.0	1.0	-97.8
496	17611935.27	4826273.60	3.00	1	E	2000	-107.3	7.9	0.0	0.0	50.6	0.9	-3.0	0.0	0.0	16.7	0.0	1.0	-165.7
496	17611935.27	4826273.60	3.00	1	E	4000	-107.5	7.9	0.0	0.0	50.6	3.1	-3.0	0.0	0.0	19.4	0.0	1.0	-170.8
496	17611935.27	4826273.60	3.00	1	E	8000	-109.6	7.9	0.0	0.0	50.6	11.2	-3.0	0.0	0.0	22.3	0.0	1.0	-183.8
499	17611940.70	4826277.57	3.00	1	D	63	-28.7	8.7	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-68.2
499	17611940.70	4826277.57	3.00	1	D	125	-18.6	8.7	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-58.1
499	17611940.70	4826277.57	3.00	1	D	250	-11.1	8.7	0.0	0.0	50.2	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-50.7
499	17611940.70	4826277.57	3.00	1	D	500	-5.7	8.7	0.0	0.0	50.2	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-45.3
499	17611940.70	4826277.57	3.00	1	D	1000	63.5	8.7	0.0	0.0	50.2	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	23.7
499	17611940.70	4826277.57	3.00	1	D	2000	-1.3	8.7	0.0	0.0	50.2	0.9	-3.0	0.0	0.0	0.0	0.0	1.0	-41.6
499	17611940.70	4826277.57	3.00	1	D	4000	-1.5	8.7	0.0	0.0	50.2	3.0	-3.0	0.0	0.0	0.0	0.0	1.0	-43.9
499	17611940.70	4826277.57	3.00	1	D	8000	-3.6	8.7	0.0	0.0	50.2	10.6	-3.0	0.0	0.0	0.0	0.0	1.0	-53.7
499	17611940.70	4826277.57	3.00	1	N	63	-134.7	8.7	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-174.2
499	17611940.70	4826277.57	3.00	1	N	125	-124.6	8.7	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-164.1
499	17611940.70	4826277.57	3.00	1	N	250	-117.1	8.7	0.0	0.0	50.2	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-156.7
499	17611940.70	4826277.57	3.00	1	N	500	-111.7	8.7	0.0	0.0	50.2	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-151.4
499	17611940.70	4826277.57	3.00	1	N	1000	-42.5	8.7	0.0	0.0	50.2	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-82.3
499	17611940.70	4826277.57	3.00	1	N	2000	-107.3	8.7	0.0	0.0	50.2	0.9	-3.0	0.0	0.0	0.0	0.0	1.0	-147.7
499	17611940.70	4826277.57	3.00	1	N	4000	-107.5	8.7	0.0	0.0	50.2	3.0	-3.0	0.0	0.0	0.0	0.0	1.0	-150.0
499	17611940.70	4826277.57	3.00	1	N	8000	-109.6	8.7	0.0	0.0	50.2	10.6	-3.0	0.0	0.0	0.0	0.0	1.0	-159.7
499	17611940.70	4826277.57	3.00	1	E	63	-134.7	8.7	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-174.2
499	17611940.70	4826277.57	3.00	1	E	125	-124.6	8.7	0.0	0.0	50.2	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-164.1
499	17611940.70	4826277.57	3.00	1	E	250	-117.1	8.7	0.0	0.0	50.2	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-156.7
499	17611940.70	4826277.57	3.00	1	E	500	-111.7	8.7	0.0	0.0	50.2	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-151.4
499	17611940.70	4826277.57	3.00	1	E	1000	-42.5	8.7	0.0	0.0	50.2	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-82.3
499	17611940.70	4826277.57	3.00	1	E	2000	-107.3	8.7	0.0	0.0	50.2	0.9	-3.0	0.0	0.0	0.0	0.0	1.0	-147.7
499	17611940.70	4826277.57	3.00	1	E	4000	-107.5	8.7	0.0	0.0	50.2	3.0	-3.0	0.0	0.0	0.0	0.0	1.0	-150.0
499	17611940.70	4826277.57	3.00	1	E	8000	-109.6	8.7	0.0	0.0	50.2	10.6	-3.0	0.0	0.0	0.0	0.0	1.0	-159.7
505	17611932.32	4826271.44	3.00	2	D	1000	63.5	14.5	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	9.3	0.0	2.0	15.2
505	17611932.32	4826271.44	3.00	2	D	2000	-1.3	14.5	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	10.4	0.0	2.0	-51.6
505	17611932.32	4826271.44	3.00	2	D	4000	-1.5	14.5	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	12.1	0.0	2.0	-56.7
505	17611932.32	4826271.44	3.00	2	D	8000	-3.6	14.5	0.0	0.0	54.0	16.5	-3.0	0.0	0.0	14.2	0.0	2.0	-72.8
505	17611932.32	4826271.44	3.00	2	N	1000	-42.5	14.5	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	9.3	0.0	2.0	-90.8
505	17611932.32	4826271.44	3.00	2	N	2000	-107.3	14.5	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	10.4	0.0	2.0	-157.6
505	17611932.32	4826271.44	3.00	2	N	4000	-107.5	14.5	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	12.1	0.0	2.0	-162.7
505	17611932.32	4826271.44	3.00	2	N	8000	-109.6	14.5	0.0	0.0	54.0	16.5	-3.0	0.0	0.0	14.2	0.0	2.0	-178.9
505	17611932.32	4826271.44	3.00	2	E	1000	-42.5	14.5	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	9.3	0.0	2.0	-90.8
505	17611932.32	4826271.44	3.00	2	E	2000	-107.3	14.5	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	10.4	0.0	2.0	-157.6
505	17611932.32	4826271.44	3.00	2	E	4000	-107.5	14.5	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	12.1	0.0	2.0	-162.7
505	17611932.32	4826271.44	3.00	2	E	8000	-109.6	14.5	0.0	0.0	54.0	16.5	-3.0	0.0	0.0	14.2	0.0	2.0	-178.9
509	17611945.34	4826287.30	3.00	0	D	32	-41.9	11.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-74.6
509	17611945.34	4826287.30	3.00	0	D	63	-28.7	11.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-61.4
509	17611945.34	4826287.30	3.00	0	D	125	-18.6	11.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-51.3
509	17611945.34	4826287.30	3.00	0	D	250	-11.1	11.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-43.9
509	17611945.34	4826287.30	3.00	0	D	500	-5.7	11.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-38.5
509	17611945.34	4826287.30	3.00	0	D	1000	63.5	11.8	0.0	0.0	47.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.6
509	17611945.34	4826287.30	3.00	0	D	2000	-1.3	11.8	0.0	0.0	47.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	-34.6
509	17611945.34	4826287.30	3.00	0	D	4000	-1.5	11.8	0.0	0.0	47.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	-36.4
509	17611945.34	4826287.30	3.00	0	D	8000	-3.6	11.8	0.0	0.0	47.5	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	-44.1
509	17611945.34	4826287.30	3.00	0	N	32	-147.9	11.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-180.6
509	17611945.34	4826287.30	3.00	0	N	63	-134.7	11.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-167.4
509	17611945.34	4826287.30	3.00	0	N	125	-124.6	11.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-157.3
509	17611945.34	4826287.30	3.00	0	N	250	-117.1	11.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-149.9
509	17611945.34	4826287.30	3.00	0	N	500	-111.7	11.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-144.5
509	17611945.34	4826287.30	3.00	0	N	1000	-42.5	11.8	0.0	0.0	47.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-75.5
509	17611945.34	4826287.30	3.00	0	N	2000	-107.3	11.8	0.0	0.0	47.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	-140.7
509	17611945.34	4826287.30	3.00	0	N	4000	-107.5	11.8	0.0	0.0	47.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	-142.4
509	17611945.34	4826287.30	3.00	0	N	8000	-109.6	11.8	0.0	0.0	47.5	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	-150.1

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
509	17611945.34	4826287.30	3.00	0	E	32	-147.9	11.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-180.6
509	17611945.34	4826287.30	3.00	0	E	63	-134.7	11.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-167.4
509	17611945.34	4826287.30	3.00	0	E	125	-124.6	11.8	0.0	0.0	47.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-157.3
509	17611945.34	4826287.30	3.00	0	E	250	-117.1	11.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-149.9
509	17611945.34	4826287.30	3.00	0	E	500	-111.7	11.8	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-144.5
509	17611945.34	4826287.30	3.00	0	E	1000	-42.5	11.8	0.0	0.0	47.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-75.5
509	17611945.34	4826287.30	3.00	0	E	2000	-107.3	11.8	0.0	0.0	47.5	0.6	-3.0	0.0	0.0	0.0	0.0	0.0	-140.7
509	17611945.34	4826287.30	3.00	0	E	4000	-107.5	11.8	0.0	0.0	47.5	2.2	-3.0	0.0	0.0	0.0	0.0	0.0	-142.4
509	17611945.34	4826287.30	3.00	0	E	8000	-109.6	11.8	0.0	0.0	47.5	7.8	-3.0	0.0	0.0	0.0	0.0	0.0	-150.1
513	17611943.82	4826280.68	3.00	1	D	1000	63.5	1.8	0.0	0.0	53.9	0.5	-3.0	0.0	0.0	8.0	0.0	1.0	4.9
513	17611943.82	4826280.68	3.00	1	D	2000	-1.3	1.8	0.0	0.0	53.9	1.4	-3.0	0.0	0.0	8.2	0.0	1.0	-61.0
513	17611943.82	4826280.68	3.00	1	D	4000	-1.5	1.8	0.0	0.0	53.9	4.6	-3.0	0.0	0.0	8.6	0.0	1.0	-64.8
513	17611943.82	4826280.68	3.00	1	D	8000	-3.6	1.8	0.0	0.0	53.9	16.4	-3.0	0.0	0.0	9.3	0.0	1.0	-79.4
513	17611943.82	4826280.68	3.00	1	N	1000	-42.5	1.8	0.0	0.0	53.9	0.5	-3.0	0.0	0.0	8.0	0.0	1.0	-101.2
513	17611943.82	4826280.68	3.00	1	N	2000	-107.3	1.8	0.0	0.0	53.9	1.4	-3.0	0.0	0.0	8.2	0.0	1.0	-167.0
513	17611943.82	4826280.68	3.00	1	N	4000	-107.5	1.8	0.0	0.0	53.9	4.6	-3.0	0.0	0.0	8.6	0.0	1.0	-170.9
513	17611943.82	4826280.68	3.00	1	N	8000	-109.6	1.8	0.0	0.0	53.9	16.4	-3.0	0.0	0.0	9.3	0.0	1.0	-185.4
513	17611943.82	4826280.68	3.00	1	E	1000	-42.5	1.8	0.0	0.0	53.9	0.5	-3.0	0.0	0.0	8.0	0.0	1.0	-101.2
513	17611943.82	4826280.68	3.00	1	E	2000	-107.3	1.8	0.0	0.0	53.9	1.4	-3.0	0.0	0.0	8.2	0.0	1.0	-167.0
513	17611943.82	4826280.68	3.00	1	E	4000	-107.5	1.8	0.0	0.0	53.9	4.6	-3.0	0.0	0.0	8.6	0.0	1.0	-170.9
513	17611943.82	4826280.68	3.00	1	E	8000	-109.6	1.8	0.0	0.0	53.9	16.4	-3.0	0.0	0.0	9.3	0.0	1.0	-185.4
516	17611946.39	4826291.91	3.00	1	D	250	-11.1	7.5	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-50.0
516	17611946.39	4826291.91	3.00	1	D	500	-5.7	7.5	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-44.7
516	17611946.39	4826291.91	3.00	1	D	1000	63.5	7.5	0.0	0.0	48.3	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	24.4
516	17611946.39	4826291.91	3.00	1	D	2000	-1.3	7.5	0.0	0.0	48.3	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-40.8
516	17611946.39	4826291.91	3.00	1	D	4000	-1.5	7.5	0.0	0.0	48.3	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	-42.7
516	17611946.39	4826291.91	3.00	1	D	8000	-3.6	7.5	0.0	0.0	48.3	8.6	-3.0	0.0	0.0	0.0	0.0	1.0	-51.0
516	17611946.39	4826291.91	3.00	1	N	250	-117.1	7.5	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-156.0
516	17611946.39	4826291.91	3.00	1	N	500	-111.7	7.5	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-150.7
516	17611946.39	4826291.91	3.00	1	N	1000	-42.5	7.5	0.0	0.0	48.3	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-81.6
516	17611946.39	4826291.91	3.00	1	N	2000	-107.3	7.5	0.0	0.0	48.3	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-146.9
516	17611946.39	4826291.91	3.00	1	N	4000	-107.5	7.5	0.0	0.0	48.3	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	-148.8
516	17611946.39	4826291.91	3.00	1	N	8000	-109.6	7.5	0.0	0.0	48.3	8.6	-3.0	0.0	0.0	0.0	0.0	1.0	-157.0
516	17611946.39	4826291.91	3.00	1	E	250	-117.1	7.5	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-156.0
516	17611946.39	4826291.91	3.00	1	E	500	-111.7	7.5	0.0	0.0	48.3	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-150.7
516	17611946.39	4826291.91	3.00	1	E	1000	-42.5	7.5	0.0	0.0	48.3	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-81.6
516	17611946.39	4826291.91	3.00	1	E	2000	-107.3	7.5	0.0	0.0	48.3	0.7	-3.0	0.0	0.0	0.0	0.0	1.0	-146.9
516	17611946.39	4826291.91	3.00	1	E	4000	-107.5	7.5	0.0	0.0	48.3	2.4	-3.0	0.0	0.0	0.0	0.0	1.0	-148.8
516	17611946.39	4826291.91	3.00	1	E	8000	-109.6	7.5	0.0	0.0	48.3	8.6	-3.0	0.0	0.0	0.0	0.0	1.0	-157.0
529	17611945.34	4826287.30	3.00	1	D	250	-11.1	11.8	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-78.5
529	17611945.34	4826287.30	3.00	1	D	500	-5.7	11.8	0.0	0.0	53.0	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-73.2
529	17611945.34	4826287.30	3.00	1	D	1000	63.5	11.8	0.0	0.0	53.0	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-4.2
529	17611945.34	4826287.30	3.00	1	D	2000	-1.3	11.8	0.0	0.0	53.0	1.2	-3.0	0.0	0.0	28.0	0.0	1.0	-69.8
529	17611945.34	4826287.30	3.00	1	D	4000	-1.5	11.8	0.0	0.0	53.0	4.1	-3.0	0.0	0.0	28.0	0.0	1.0	-72.9
529	17611945.34	4826287.30	3.00	1	D	8000	-3.6	11.8	0.0	0.0	53.0	14.8	-3.0	0.0	0.0	28.0	0.0	1.0	-85.6
529	17611945.34	4826287.30	3.00	1	N	250	-117.1	11.8	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-184.5
529	17611945.34	4826287.30	3.00	1	N	500	-111.7	11.8	0.0	0.0	53.0	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-179.2
529	17611945.34	4826287.30	3.00	1	N	1000	-42.5	11.8	0.0	0.0	53.0	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-110.2
529	17611945.34	4826287.30	3.00	1	N	2000	-107.3	11.8	0.0	0.0	53.0	1.2	-3.0	0.0	0.0	28.0	0.0	1.0	-175.8
529	17611945.34	4826287.30	3.00	1	N	4000	-107.5	11.8	0.0	0.0	53.0	4.1	-3.0	0.0	0.0	28.0	0.0	1.0	-178.9
529	17611945.34	4826287.30	3.00	1	N	8000	-109.6	11.8	0.0	0.0	53.0	14.8	-3.0	0.0	0.0	28.0	0.0	1.0	-191.6
529	17611945.34	4826287.30	3.00	1	E	250	-117.1	11.8	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-184.5
529	17611945.34	4826287.30	3.00	1	E	500	-111.7	11.8	0.0	0.0	53.0	0.2	-3.0	0.0	0.0	28.0	0.0	1.0	-179.2
529	17611945.34	4826287.30	3.00	1	E	1000	-42.5	11.8	0.0	0.0	53.0	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-110.2
529	17611945.34	4826287.30	3.00	1	E	2000	-107.3	11.8	0.0	0.0	53.0	1.2	-3.0	0.0	0.0	28.0	0.0	1.0	-175.8
529	17611945.34	4826287.30	3.00	1	E	4000	-107.5	11.8	0.0	0.0	53.0	4.1	-3.0	0.0	0.0	28.0	0.0	1.0	-178.9
529	17611945.34	4826287.30	3.00	1	E	8000	-109.6	11.8	0.0	0.0	53.0	14.8	-3.0	0.0	0.0	28.0	0.0	1.0	-191.6
533	17611945.46	4826287.84	3.00	2	D	250	-11.1	3.8	0.0	0.0	53.2	0.1	-3.0	0.0	0.0	28.0	0.0	2.0	-87.6
533	17611945.46	4826287.84	3.00	2	D	500	-5.7	3.8	0.0	0.0	53.2	0.2	-3.0	0.0	0.0	28.0	0.0	2.0	-82.3
533	17611945.46	4826287.84	3.00	2	D	1000	63.5	3.8	0.0	0.0	53.2	0.5	-3.0	0.0	0.0	28.0	0.0	2.0	-13.3
533	17611945.46	4826287.84	3.00	2	D	2000	-1.3	3.8	0.0	0.0	53.2	1.2	-3.0	0.0	0.0	28.0	0.0	2.0	-78.9
533	17611945.46	4826287.84	3.00	2	D	4000	-1.5	3.8	0.0	0.0	53.2	4.2	-3.0	0.0	0.0	28.0	0.0	2.0	-82.1
533	17611945.46	4826287.84	3.00	2	D	8000	-3.6	3.8	0.0	0.0	53.2	15.1	-3.0	0.0	0.0	28.0	0.0	2.0	-95.1

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
533	17611945.46	4826287.84	3.00	2	N	250	-117.1	3.8	0.0	0.0	53.2	0.1	-3.0	0.0	0.0	28.0	0.0	2.0	-193.6
533	17611945.46	4826287.84	3.00	2	N	500	-111.7	3.8	0.0	0.0	53.2	0.2	-3.0	0.0	0.0	28.0	0.0	2.0	-188.3
533	17611945.46	4826287.84	3.00	2	N	1000	-42.5	3.8	0.0	0.0	53.2	0.5	-3.0	0.0	0.0	28.0	0.0	2.0	-119.4
533	17611945.46	4826287.84	3.00	2	N	2000	-107.3	3.8	0.0	0.0	53.2	1.2	-3.0	0.0	0.0	28.0	0.0	2.0	-184.9
533	17611945.46	4826287.84	3.00	2	N	4000	-107.5	3.8	0.0	0.0	53.2	4.2	-3.0	0.0	0.0	28.0	0.0	2.0	-188.1
533	17611945.46	4826287.84	3.00	2	N	8000	-109.6	3.8	0.0	0.0	53.2	15.1	-3.0	0.0	0.0	28.0	0.0	2.0	-201.1
533	17611945.46	4826287.84	3.00	2	E	250	-117.1	3.8	0.0	0.0	53.2	0.1	-3.0	0.0	0.0	28.0	0.0	2.0	-193.6
533	17611945.46	4826287.84	3.00	2	E	500	-111.7	3.8	0.0	0.0	53.2	0.2	-3.0	0.0	0.0	28.0	0.0	2.0	-188.3
533	17611945.46	4826287.84	3.00	2	E	1000	-42.5	3.8	0.0	0.0	53.2	0.5	-3.0	0.0	0.0	28.0	0.0	2.0	-119.4
533	17611945.46	4826287.84	3.00	2	E	2000	-107.3	3.8	0.0	0.0	53.2	1.2	-3.0	0.0	0.0	28.0	0.0	2.0	-184.9
533	17611945.46	4826287.84	3.00	2	E	4000	-107.5	3.8	0.0	0.0	53.2	4.2	-3.0	0.0	0.0	28.0	0.0	2.0	-188.1
533	17611945.46	4826287.84	3.00	2	E	8000	-109.6	3.8	0.0	0.0	53.2	15.1	-3.0	0.0	0.0	28.0	0.0	2.0	-201.1
536	17611945.34	4826287.30	3.00	1	D	63	-28.7	11.8	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-64.0
536	17611945.34	4826287.30	3.00	1	D	125	-18.6	11.8	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-53.9
536	17611945.34	4826287.30	3.00	1	D	250	-11.1	11.8	0.0	0.0	49.1	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-46.5
536	17611945.34	4826287.30	3.00	1	D	500	-5.7	11.8	0.0	0.0	49.1	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-41.2
536	17611945.34	4826287.30	3.00	1	D	1000	63.5	11.8	0.0	0.0	49.1	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	27.9
536	17611945.34	4826287.30	3.00	1	D	2000	-1.3	11.8	0.0	0.0	49.1	0.8	-3.0	0.0	0.0	0.0	0.0	1.0	-37.4
536	17611945.34	4826287.30	3.00	1	D	4000	-1.5	11.8	0.0	0.0	49.1	2.6	-3.0	0.0	0.0	0.0	0.0	1.0	-39.4
536	17611945.34	4826287.30	3.00	1	D	8000	-3.6	11.8	0.0	0.0	49.1	9.4	-3.0	0.0	0.0	0.0	0.0	1.0	-48.3
536	17611945.34	4826287.30	3.00	1	N	63	-134.7	11.8	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-170.0
536	17611945.34	4826287.30	3.00	1	N	125	-124.6	11.8	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-160.0
536	17611945.34	4826287.30	3.00	1	N	250	-117.1	11.8	0.0	0.0	49.1	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-152.5
536	17611945.34	4826287.30	3.00	1	N	500	-111.7	11.8	0.0	0.0	49.1	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-147.2
536	17611945.34	4826287.30	3.00	1	N	1000	-42.5	11.8	0.0	0.0	49.1	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-78.1
536	17611945.34	4826287.30	3.00	1	N	2000	-107.3	11.8	0.0	0.0	49.1	0.8	-3.0	0.0	0.0	0.0	0.0	1.0	-143.4
536	17611945.34	4826287.30	3.00	1	N	4000	-107.5	11.8	0.0	0.0	49.1	2.6	-3.0	0.0	0.0	0.0	0.0	1.0	-145.5
536	17611945.34	4826287.30	3.00	1	N	8000	-109.6	11.8	0.0	0.0	49.1	9.4	-3.0	0.0	0.0	0.0	0.0	1.0	-154.3
536	17611945.34	4826287.30	3.00	1	E	63	-134.7	11.8	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-170.0
536	17611945.34	4826287.30	3.00	1	E	125	-124.6	11.8	0.0	0.0	49.1	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-160.0
536	17611945.34	4826287.30	3.00	1	E	250	-117.1	11.8	0.0	0.0	49.1	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-152.5
536	17611945.34	4826287.30	3.00	1	E	500	-111.7	11.8	0.0	0.0	49.1	0.2	-3.0	0.0	0.0	0.0	0.0	1.0	-147.2
536	17611945.34	4826287.30	3.00	1	E	1000	-42.5	11.8	0.0	0.0	49.1	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-78.1
536	17611945.34	4826287.30	3.00	1	E	2000	-107.3	11.8	0.0	0.0	49.1	0.8	-3.0	0.0	0.0	0.0	0.0	1.0	-143.4
536	17611945.34	4826287.30	3.00	1	E	4000	-107.5	11.8	0.0	0.0	49.1	2.6	-3.0	0.0	0.0	0.0	0.0	1.0	-145.5
536	17611945.34	4826287.30	3.00	1	E	8000	-109.6	11.8	0.0	0.0	49.1	9.4	-3.0	0.0	0.0	0.0	0.0	1.0	-154.3
539	17611944.33	4826282.88	3.00	2	D	1000	63.5	7.8	0.0	0.0	55.0	0.6	-3.0	0.0	0.0	7.9	0.0	2.0	8.9
539	17611944.33	4826282.88	3.00	2	D	2000	-1.3	7.8	0.0	0.0	55.0	1.5	-3.0	0.0	0.0	8.1	0.0	2.0	-57.0
539	17611944.33	4826282.88	3.00	2	D	4000	-1.5	7.8	0.0	0.0	55.0	5.2	-3.0	0.0	0.0	8.3	0.0	2.0	-61.1
539	17611944.33	4826282.88	3.00	2	D	8000	-3.6	7.8	0.0	0.0	55.0	18.5	-3.0	0.0	0.0	8.8	0.0	2.0	-77.0
539	17611944.33	4826282.88	3.00	2	N	1000	-42.5	7.8	0.0	0.0	55.0	0.6	-3.0	0.0	0.0	7.9	0.0	2.0	-97.2
539	17611944.33	4826282.88	3.00	2	N	2000	-107.3	7.8	0.0	0.0	55.0	1.5	-3.0	0.0	0.0	8.1	0.0	2.0	-163.1
539	17611944.33	4826282.88	3.00	2	N	4000	-107.5	7.8	0.0	0.0	55.0	5.2	-3.0	0.0	0.0	8.3	0.0	2.0	-167.2
539	17611944.33	4826282.88	3.00	2	N	8000	-109.6	7.8	0.0	0.0	55.0	18.5	-3.0	0.0	0.0	8.8	0.0	2.0	-183.0
539	17611944.33	4826282.88	3.00	2	E	1000	-42.5	7.8	0.0	0.0	55.0	0.6	-3.0	0.0	0.0	7.9	0.0	2.0	-97.2
539	17611944.33	4826282.88	3.00	2	E	2000	-107.3	7.8	0.0	0.0	55.0	1.5	-3.0	0.0	0.0	8.1	0.0	2.0	-163.1
539	17611944.33	4826282.88	3.00	2	E	4000	-107.5	7.8	0.0	0.0	55.0	5.2	-3.0	0.0	0.0	8.3	0.0	2.0	-167.2
539	17611944.33	4826282.88	3.00	2	E	8000	-109.6	7.8	0.0	0.0	55.0	18.5	-3.0	0.0	0.0	8.8	0.0	2.0	-183.0
542	17611946.51	4826292.41	3.00	2	D	250	-11.1	6.6	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-53.5
542	17611946.51	4826292.41	3.00	2	D	500	-5.7	6.6	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-48.2
542	17611946.51	4826292.41	3.00	2	D	1000	63.5	6.6	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	20.9
542	17611946.51	4826292.41	3.00	2	D	2000	-1.3	6.6	0.0	0.0	49.9	0.9	-3.0	0.0	0.0	0.0	0.0	2.0	-44.5
542	17611946.51	4826292.41	3.00	2	D	4000	-1.5	6.6	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	0.0	0.0	2.0	-46.7
542	17611946.51	4826292.41	3.00	2	D	8000	-3.6	6.6	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	0.0	0.0	2.0	-56.3
542	17611946.51	4826292.41	3.00	2	N	250	-117.1	6.6	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-159.5
542	17611946.51	4826292.41	3.00	2	N	500	-111.7	6.6	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-154.2
542	17611946.51	4826292.41	3.00	2	N	1000	-42.5	6.6	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	-85.2
542	17611946.51	4826292.41	3.00	2	N	2000	-107.3	6.6	0.0	0.0	49.9	0.9	-3.0	0.0	0.0	0.0	0.0	2.0	-150.5
542	17611946.51	4826292.41	3.00	2	N	4000	-107.5	6.6	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	0.0	0.0	2.0	-152.7
542	17611946.51	4826292.41	3.00	2	N	8000	-109.6	6.6	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	0.0	0.0	2.0	-162.3
542	17611946.51	4826292.41	3.00	2	E	250	-117.1	6.6	0.0	0.0	49.9	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	-159.5
542	17611946.51	4826292.41	3.00	2	E	500	-111.7	6.6	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	0.0	0.0	2.0	-154.2
542	17611946.51	4826292.41	3.00	2	E	1000	-42.5	6.6	0.0	0.0	49.9	0.3	-3.0	0.0	0.0	0.0	0.0	2.0	-85.2

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
542	17611946.51	4826292.41	3.00	2	E	2000	-107.3	6.6	0.0	0.0	49.9	0.9	-3.0	0.0	0.0	0.0	0.0	2.0	-150.5
542	17611946.51	4826292.41	3.00	2	E	4000	-107.5	6.6	0.0	0.0	49.9	2.9	-3.0	0.0	0.0	0.0	0.0	2.0	-152.7
542	17611946.51	4826292.41	3.00	2	E	8000	-109.6	6.6	0.0	0.0	49.9	10.3	-3.0	0.0	0.0	0.0	0.0	2.0	-162.3
546	17611891.23	4826239.69	3.00	0	D	32	-41.9	11.3	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-89.1
546	17611891.23	4826239.69	3.00	0	D	63	-28.7	11.3	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-76.5
546	17611891.23	4826239.69	3.00	0	D	125	-18.6	11.3	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	10.2	0.0	0.0	-67.5
546	17611891.23	4826239.69	3.00	0	D	250	-11.1	11.3	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	11.7	0.0	0.0	-61.6
546	17611891.23	4826239.69	3.00	0	D	500	-5.7	11.3	0.0	0.0	53.0	0.2	-3.0	0.0	0.0	13.8	0.0	0.0	-58.4
546	17611891.23	4826239.69	3.00	0	D	1000	63.5	11.3	0.0	0.0	53.0	0.5	-3.0	0.0	0.0	16.2	0.0	0.0	8.2
546	17611891.23	4826239.69	3.00	0	D	2000	-1.3	11.3	0.0	0.0	53.0	1.2	-3.0	0.0	0.0	18.9	0.0	0.0	-60.1
546	17611891.23	4826239.69	3.00	0	D	4000	-1.5	11.3	0.0	0.0	53.0	4.1	-3.0	0.0	0.0	21.7	0.0	0.0	-66.0
546	17611891.23	4826239.69	3.00	0	D	8000	-3.6	11.3	0.0	0.0	53.0	14.6	-3.0	0.0	0.0	23.0	0.0	0.0	-79.9
546	17611891.23	4826239.69	3.00	0	N	32	-147.9	11.3	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-195.1
546	17611891.23	4826239.69	3.00	0	N	63	-134.7	11.3	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-182.5
546	17611891.23	4826239.69	3.00	0	N	125	-124.6	11.3	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	10.2	0.0	0.0	-173.5
546	17611891.23	4826239.69	3.00	0	N	250	-117.1	11.3	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	11.7	0.0	0.0	-167.6
546	17611891.23	4826239.69	3.00	0	N	500	-111.7	11.3	0.0	0.0	53.0	0.2	-3.0	0.0	0.0	13.8	0.0	0.0	-164.4
546	17611891.23	4826239.69	3.00	0	N	1000	-42.5	11.3	0.0	0.0	53.0	0.5	-3.0	0.0	0.0	16.2	0.0	0.0	-97.8
546	17611891.23	4826239.69	3.00	0	N	2000	-107.3	11.3	0.0	0.0	53.0	1.2	-3.0	0.0	0.0	18.9	0.0	0.0	-166.1
546	17611891.23	4826239.69	3.00	0	N	4000	-107.5	11.3	0.0	0.0	53.0	4.1	-3.0	0.0	0.0	21.7	0.0	0.0	-172.0
546	17611891.23	4826239.69	3.00	0	N	8000	-109.6	11.3	0.0	0.0	53.0	14.6	-3.0	0.0	0.0	23.0	0.0	0.0	-185.9
546	17611891.23	4826239.69	3.00	0	E	32	-147.9	11.3	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.5	0.0	0.0	-195.1
546	17611891.23	4826239.69	3.00	0	E	63	-134.7	11.3	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	9.2	0.0	0.0	-182.5
546	17611891.23	4826239.69	3.00	0	E	125	-124.6	11.3	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	10.2	0.0	0.0	-173.5
546	17611891.23	4826239.69	3.00	0	E	250	-117.1	11.3	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	11.7	0.0	0.0	-167.6
546	17611891.23	4826239.69	3.00	0	E	500	-111.7	11.3	0.0	0.0	53.0	0.2	-3.0	0.0	0.0	13.8	0.0	0.0	-164.4
546	17611891.23	4826239.69	3.00	0	E	1000	-42.5	11.3	0.0	0.0	53.0	0.5	-3.0	0.0	0.0	16.2	0.0	0.0	-97.8
546	17611891.23	4826239.69	3.00	0	E	2000	-107.3	11.3	0.0	0.0	53.0	1.2	-3.0	0.0	0.0	18.9	0.0	0.0	-166.1
546	17611891.23	4826239.69	3.00	0	E	4000	-107.5	11.3	0.0	0.0	53.0	4.1	-3.0	0.0	0.0	21.7	0.0	0.0	-172.0
546	17611891.23	4826239.69	3.00	0	E	8000	-109.6	11.3	0.0	0.0	53.0	14.6	-3.0	0.0	0.0	23.0	0.0	0.0	-185.9
549	17611876.02	4826252.92	3.00	0	D	32	-41.9	14.3	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-84.4
549	17611876.02	4826252.92	3.00	0	D	63	-28.7	14.3	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-72.6
549	17611876.02	4826252.92	3.00	0	D	125	-18.6	14.3	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-64.0
549	17611876.02	4826252.92	3.00	0	D	250	-11.1	14.3	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	11.8	0.0	0.0	-58.4
549	17611876.02	4826252.92	3.00	0	D	500	-5.7	14.3	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	14.0	0.0	0.0	-55.3
549	17611876.02	4826252.92	3.00	0	D	1000	63.5	14.3	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	16.5	0.0	0.0	11.2
549	17611876.02	4826252.92	3.00	0	D	2000	-1.3	14.3	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	19.2	0.0	0.0	-57.0
549	17611876.02	4826252.92	3.00	0	D	4000	-1.5	14.3	0.0	0.0	52.6	4.0	-3.0	0.0	0.0	22.1	0.0	0.0	-62.9
549	17611876.02	4826252.92	3.00	0	D	8000	-3.6	14.3	0.0	0.0	52.6	14.1	-3.0	0.0	0.0	22.9	0.0	0.0	-76.0
549	17611876.02	4826252.92	3.00	0	N	32	-147.9	14.3	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-190.4
549	17611876.02	4826252.92	3.00	0	N	63	-134.7	14.3	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-178.7
549	17611876.02	4826252.92	3.00	0	N	125	-124.6	14.3	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-170.1
549	17611876.02	4826252.92	3.00	0	N	250	-117.1	14.3	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	11.8	0.0	0.0	-164.4
549	17611876.02	4826252.92	3.00	0	N	500	-111.7	14.3	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	14.0	0.0	0.0	-161.3
549	17611876.02	4826252.92	3.00	0	N	1000	-42.5	14.3	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	16.5	0.0	0.0	-94.8
549	17611876.02	4826252.92	3.00	0	N	2000	-107.3	14.3	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	19.2	0.0	0.0	-163.1
549	17611876.02	4826252.92	3.00	0	N	4000	-107.5	14.3	0.0	0.0	52.6	4.0	-3.0	0.0	0.0	22.1	0.0	0.0	-168.9
549	17611876.02	4826252.92	3.00	0	N	8000	-109.6	14.3	0.0	0.0	52.6	14.1	-3.0	0.0	0.0	22.9	0.0	0.0	-182.0
549	17611876.02	4826252.92	3.00	0	E	32	-147.9	14.3	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.2	0.0	0.0	-190.4
549	17611876.02	4826252.92	3.00	0	E	63	-134.7	14.3	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	8.6	0.0	0.0	-178.7
549	17611876.02	4826252.92	3.00	0	E	125	-124.6	14.3	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	10.1	0.0	0.0	-170.1
549	17611876.02	4826252.92	3.00	0	E	250	-117.1	14.3	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	11.8	0.0	0.0	-164.4
549	17611876.02	4826252.92	3.00	0	E	500	-111.7	14.3	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	14.0	0.0	0.0	-161.3
549	17611876.02	4826252.92	3.00	0	E	1000	-42.5	14.3	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	16.5	0.0	0.0	-94.8
549	17611876.02	4826252.92	3.00	0	E	2000	-107.3	14.3	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	19.2	0.0	0.0	-163.1
549	17611876.02	4826252.92	3.00	0	E	4000	-107.5	14.3	0.0	0.0	52.6	4.0	-3.0	0.0	0.0	22.1	0.0	0.0	-168.9
549	17611876.02	4826252.92	3.00	0	E	8000	-109.6	14.3	0.0	0.0	52.6	14.1	-3.0	0.0	0.0	22.9	0.0	0.0	-182.0
552	17611865.39	4826262.17	3.00	0	D	32	-41.9	1.1	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-98.1
552	17611865.39	4826262.17	3.00	0	D	63	-28.7	1.1	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-84.8
552	17611865.39	4826262.17	3.00	0	D	125	-18.6	1.1	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.6	0.0	0.0	-74.7
552	17611865.39	4826262.17	3.00	0	D	250	-11.1	1.1	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	7.5	0.0	0.0	-67.1
552	17611865.39	4826262.17	3.00	0	D	500	-5.7	1.1	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	7.1	0.0	0.0	-61.5
552	17611865.39	4826262.17	3.00	0	D	1000	63.5	1.1	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	6.4	0.0	0.0	8.3

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
552	17611865.39	4826262.17	3.00	0	D	2000	-1.3	1.1	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	4.3	0.0	0.0	-55.2
552	17611865.39	4826262.17	3.00	0	D	4000	-1.5	1.1	0.0	0.0	52.6	3.9	-3.0	0.0	0.0	3.0	0.0	0.0	-56.9
552	17611865.39	4826262.17	3.00	0	D	8000	-3.6	1.1	0.0	0.0	52.6	14.0	-3.0	0.0	0.0	3.0	0.0	0.0	-69.0
552	17611865.39	4826262.17	3.00	0	N	32	-147.9	1.1	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-204.1
552	17611865.39	4826262.17	3.00	0	N	63	-134.7	1.1	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-190.9
552	17611865.39	4826262.17	3.00	0	N	125	-124.6	1.1	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.6	0.0	0.0	-180.7
552	17611865.39	4826262.17	3.00	0	N	250	-117.1	1.1	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	7.5	0.0	0.0	-173.1
552	17611865.39	4826262.17	3.00	0	N	500	-111.7	1.1	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	7.1	0.0	0.0	-167.5
552	17611865.39	4826262.17	3.00	0	N	1000	-42.5	1.1	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	6.4	0.0	0.0	-97.8
552	17611865.39	4826262.17	3.00	0	N	2000	-107.3	1.1	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	4.3	0.0	0.0	-161.2
552	17611865.39	4826262.17	3.00	0	N	4000	-107.5	1.1	0.0	0.0	52.6	3.9	-3.0	0.0	0.0	3.0	0.0	0.0	-162.9
552	17611865.39	4826262.17	3.00	0	N	8000	-109.6	1.1	0.0	0.0	52.6	14.0	-3.0	0.0	0.0	3.0	0.0	0.0	-175.1
552	17611865.39	4826262.17	3.00	0	E	32	-147.9	1.1	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-204.1
552	17611865.39	4826262.17	3.00	0	E	63	-134.7	1.1	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.7	0.0	0.0	-190.9
552	17611865.39	4826262.17	3.00	0	E	125	-124.6	1.1	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	7.6	0.0	0.0	-180.7
552	17611865.39	4826262.17	3.00	0	E	250	-117.1	1.1	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	7.5	0.0	0.0	-173.1
552	17611865.39	4826262.17	3.00	0	E	500	-111.7	1.1	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	7.1	0.0	0.0	-167.5
552	17611865.39	4826262.17	3.00	0	E	1000	-42.5	1.1	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	6.4	0.0	0.0	-97.8
552	17611865.39	4826262.17	3.00	0	E	2000	-107.3	1.1	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	4.3	0.0	0.0	-161.2
552	17611865.39	4826262.17	3.00	0	E	4000	-107.5	1.1	0.0	0.0	52.6	3.9	-3.0	0.0	0.0	3.0	0.0	0.0	-162.9
552	17611865.39	4826262.17	3.00	0	E	8000	-109.6	1.1	0.0	0.0	52.6	14.0	-3.0	0.0	0.0	3.0	0.0	0.0	-175.1
555	17611864.32	4826263.10	3.00	0	D	32	-41.9	1.8	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-89.6
555	17611864.32	4826263.10	3.00	0	D	63	-28.7	1.8	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-76.4
555	17611864.32	4826263.10	3.00	0	D	125	-18.6	1.8	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-66.4
555	17611864.32	4826263.10	3.00	0	D	250	-11.1	1.8	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-58.9
555	17611864.32	4826263.10	3.00	0	D	500	-5.7	1.8	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-53.7
555	17611864.32	4826263.10	3.00	0	D	1000	63.5	1.8	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	15.3
555	17611864.32	4826263.10	3.00	0	D	2000	-1.3	1.8	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	-50.2
555	17611864.32	4826263.10	3.00	0	D	4000	-1.5	1.8	0.0	0.0	52.6	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	-53.2
555	17611864.32	4826263.10	3.00	0	D	8000	-3.6	1.8	0.0	0.0	52.6	14.0	-3.0	0.0	0.0	0.0	0.0	0.0	-65.3
555	17611864.32	4826263.10	3.00	0	N	32	-147.9	1.8	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-195.6
555	17611864.32	4826263.10	3.00	0	N	63	-134.7	1.8	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-182.5
555	17611864.32	4826263.10	3.00	0	N	125	-124.6	1.8	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-172.4
555	17611864.32	4826263.10	3.00	0	N	250	-117.1	1.8	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-165.0
555	17611864.32	4826263.10	3.00	0	N	500	-111.7	1.8	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-159.7
555	17611864.32	4826263.10	3.00	0	N	1000	-42.5	1.8	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	-90.7
555	17611864.32	4826263.10	3.00	0	N	2000	-107.3	1.8	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	-156.2
555	17611864.32	4826263.10	3.00	0	N	4000	-107.5	1.8	0.0	0.0	52.6	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	-159.2
555	17611864.32	4826263.10	3.00	0	N	8000	-109.6	1.8	0.0	0.0	52.6	14.0	-3.0	0.0	0.0	0.0	0.0	0.0	-171.4
555	17611864.32	4826263.10	3.00	0	E	32	-147.9	1.8	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-195.6
555	17611864.32	4826263.10	3.00	0	E	63	-134.7	1.8	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-182.5
555	17611864.32	4826263.10	3.00	0	E	125	-124.6	1.8	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-172.4
555	17611864.32	4826263.10	3.00	0	E	250	-117.1	1.8	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-165.0
555	17611864.32	4826263.10	3.00	0	E	500	-111.7	1.8	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-159.7
555	17611864.32	4826263.10	3.00	0	E	1000	-42.5	1.8	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	-90.7
555	17611864.32	4826263.10	3.00	0	E	2000	-107.3	1.8	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	-156.2
555	17611864.32	4826263.10	3.00	0	E	4000	-107.5	1.8	0.0	0.0	52.6	3.9	-3.0	0.0	0.0	0.0	0.0	0.0	-159.2
555	17611864.32	4826263.10	3.00	0	E	8000	-109.6	1.8	0.0	0.0	52.6	14.0	-3.0	0.0	0.0	0.0	0.0	0.0	-171.4
559	17611889.56	4826241.14	3.00	1	D	63	-28.7	12.5	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	9.2	0.0	1.0	-77.4
559	17611889.56	4826241.14	3.00	1	D	125	-18.6	12.5	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	10.3	0.0	1.0	-68.4
559	17611889.56	4826241.14	3.00	1	D	250	-11.1	12.5	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	11.8	0.0	1.0	-62.6
559	17611889.56	4826241.14	3.00	1	D	500	-5.7	12.5	0.0	0.0	54.0	0.3	-3.0	0.0	0.0	13.9	0.0	1.0	-59.4
559	17611889.56	4826241.14	3.00	1	D	1000	63.5	12.5	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	16.4	0.0	1.0	7.1
559	17611889.56	4826241.14	3.00	1	D	2000	-1.3	12.5	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	19.1	0.0	1.0	-61.2
559	17611889.56	4826241.14	3.00	1	D	4000	-1.5	12.5	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	21.9	0.0	1.0	-67.5
559	17611889.56	4826241.14	3.00	1	D	8000	-3.6	12.5	0.0	0.0	54.0	16.6	-3.0	0.0	0.0	23.0	0.0	1.0	-82.6
559	17611889.56	4826241.14	3.00	1	N	63	-134.7	12.5	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	9.2	0.0	1.0	-183.4
559	17611889.56	4826241.14	3.00	1	N	125	-124.6	12.5	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	10.3	0.0	1.0	-174.4
559	17611889.56	4826241.14	3.00	1	N	250	-117.1	12.5	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	11.8	0.0	1.0	-168.6
559	17611889.56	4826241.14	3.00	1	N	500	-111.7	12.5	0.0	0.0	54.0	0.3	-3.0	0.0	0.0	13.9	0.0	1.0	-165.4
559	17611889.56	4826241.14	3.00	1	N	1000	-42.5	12.5	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	16.4	0.0	1.0	-98.9
559	17611889.56	4826241.14	3.00	1	N	2000	-107.3	12.5	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	19.1	0.0	1.0	-167.2
559	17611889.56	4826241.14	3.00	1	N	4000	-107.5	12.5	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	21.9	0.0	1.0	-173.6

Sample Calculation: Rc Unmitigated

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
559	17611889.56	4826241.14	3.00	1	N	8000	-109.6	12.5	0.0	0.0	54.0	16.6	-3.0	0.0	0.0	23.0	0.0	1.0	-188.7
559	17611889.56	4826241.14	3.00	1	E	63	-134.7	12.5	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	9.2	0.0	1.0	-183.4
559	17611889.56	4826241.14	3.00	1	E	125	-124.6	12.5	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	10.3	0.0	1.0	-174.4
559	17611889.56	4826241.14	3.00	1	E	250	-117.1	12.5	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	11.8	0.0	1.0	-168.6
559	17611889.56	4826241.14	3.00	1	E	500	-111.7	12.5	0.0	0.0	54.0	0.3	-3.0	0.0	0.0	13.9	0.0	1.0	-165.4
559	17611889.56	4826241.14	3.00	1	E	1000	-42.5	12.5	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	16.4	0.0	1.0	-98.9
559	17611889.56	4826241.14	3.00	1	E	2000	-107.3	12.5	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	19.1	0.0	1.0	-167.2
559	17611889.56	4826241.14	3.00	1	E	4000	-107.5	12.5	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	21.9	0.0	1.0	-173.6
559	17611889.56	4826241.14	3.00	1	E	8000	-109.6	12.5	0.0	0.0	54.0	16.6	-3.0	0.0	0.0	23.0	0.0	1.0	-188.7
562	17611874.07	4826254.62	3.00	1	D	32	-41.9	13.7	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	8.6	0.0	1.0	-88.7
562	17611874.07	4826254.62	3.00	1	D	63	-28.7	13.7	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-76.2
562	17611874.07	4826254.62	3.00	1	D	125	-18.6	13.7	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	10.5	0.0	1.0	-67.3
562	17611874.07	4826254.62	3.00	1	D	250	-11.1	13.7	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	12.2	0.0	1.0	-61.5
562	17611874.07	4826254.62	3.00	1	D	500	-5.7	13.7	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	14.3	0.0	1.0	-58.4
562	17611874.07	4826254.62	3.00	1	D	1000	63.5	13.7	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	16.8	0.0	1.0	8.1
562	17611874.07	4826254.62	3.00	1	D	2000	-1.3	13.7	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	19.5	0.0	1.0	-60.3
562	17611874.07	4826254.62	3.00	1	D	4000	-1.5	13.7	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	22.4	0.0	1.0	-66.6
562	17611874.07	4826254.62	3.00	1	D	8000	-3.6	13.7	0.0	0.0	53.8	16.2	-3.0	0.0	0.0	23.0	0.0	1.0	-80.9
562	17611874.07	4826254.62	3.00	1	N	32	-147.9	13.7	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	8.6	0.0	1.0	-194.7
562	17611874.07	4826254.62	3.00	1	N	63	-134.7	13.7	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-182.2
562	17611874.07	4826254.62	3.00	1	N	125	-124.6	13.7	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	10.5	0.0	1.0	-173.3
562	17611874.07	4826254.62	3.00	1	N	250	-117.1	13.7	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	12.2	0.0	1.0	-167.6
562	17611874.07	4826254.62	3.00	1	N	500	-111.7	13.7	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	14.3	0.0	1.0	-164.4
562	17611874.07	4826254.62	3.00	1	N	1000	-42.5	13.7	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	16.8	0.0	1.0	-98.0
562	17611874.07	4826254.62	3.00	1	N	2000	-107.3	13.7	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	19.5	0.0	1.0	-166.3
562	17611874.07	4826254.62	3.00	1	N	4000	-107.5	13.7	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	22.4	0.0	1.0	-172.6
562	17611874.07	4826254.62	3.00	1	N	8000	-109.6	13.7	0.0	0.0	53.8	16.2	-3.0	0.0	0.0	23.0	0.0	1.0	-186.9
562	17611874.07	4826254.62	3.00	1	E	32	-147.9	13.7	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	8.6	0.0	1.0	-194.7
562	17611874.07	4826254.62	3.00	1	E	63	-134.7	13.7	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-182.2
562	17611874.07	4826254.62	3.00	1	E	125	-124.6	13.7	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	10.5	0.0	1.0	-173.3
562	17611874.07	4826254.62	3.00	1	E	250	-117.1	13.7	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	12.2	0.0	1.0	-167.6
562	17611874.07	4826254.62	3.00	1	E	500	-111.7	13.7	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	14.3	0.0	1.0	-164.4
562	17611874.07	4826254.62	3.00	1	E	1000	-42.5	13.7	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	16.8	0.0	1.0	-98.0
562	17611874.07	4826254.62	3.00	1	E	2000	-107.3	13.7	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	19.5	0.0	1.0	-166.3
562	17611874.07	4826254.62	3.00	1	E	4000	-107.5	13.7	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	22.4	0.0	1.0	-172.6
562	17611874.07	4826254.62	3.00	1	E	8000	-109.6	13.7	0.0	0.0	53.8	16.2	-3.0	0.0	0.0	23.0	0.0	1.0	-186.9
565	17611864.88	4826262.61	3.00	1	D	32	-41.9	0.6	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	7.8	0.0	1.0	-100.8
565	17611864.88	4826262.61	3.00	1	D	63	-28.7	0.6	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	7.8	0.0	1.0	-87.6
565	17611864.88	4826262.61	3.00	1	D	125	-18.6	0.6	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	7.7	0.0	1.0	-77.5
565	17611864.88	4826262.61	3.00	1	D	250	-11.1	0.6	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	7.7	0.0	1.0	-70.1
565	17611864.88	4826262.61	3.00	1	D	500	-5.7	0.6	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	7.6	0.0	1.0	-64.7
565	17611864.88	4826262.61	3.00	1	D	1000	63.5	0.6	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	7.4	0.0	1.0	4.4
565	17611864.88	4826262.61	3.00	1	D	2000	-1.3	0.6	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	7.1	0.0	1.0	-60.9
565	17611864.88	4826262.61	3.00	1	D	4000	-1.5	0.6	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	6.2	0.0	1.0	-63.4
565	17611864.88	4826262.61	3.00	1	D	8000	-3.6	0.6	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	3.8	0.0	1.0	-74.7
565	17611864.88	4826262.61	3.00	1	N	32	-147.9	0.6	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	7.8	0.0	1.0	-206.8
565	17611864.88	4826262.61	3.00	1	N	63	-134.7	0.6	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	7.8	0.0	1.0	-193.6
565	17611864.88	4826262.61	3.00	1	N	125	-124.6	0.6	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	7.7	0.0	1.0	-183.6
565	17611864.88	4826262.61	3.00	1	N	250	-117.1	0.6	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	7.7	0.0	1.0	-176.1
565	17611864.88	4826262.61	3.00	1	N	500	-111.7	0.6	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	7.6	0.0	1.0	-170.7
565	17611864.88	4826262.61	3.00	1	N	1000	-42.5	0.6	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	7.4	0.0	1.0	-101.6
565	17611864.88	4826262.61	3.00	1	N	2000	-107.3	0.6	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	7.1	0.0	1.0	-166.9
565	17611864.88	4826262.61	3.00	1	N	4000	-107.5	0.6	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	6.2	0.0	1.0	-169.4
565	17611864.88	4826262.61	3.00	1	N	8000	-109.6	0.6	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	3.8	0.0	1.0	-180.7
565	17611864.88	4826262.61	3.00	1	E	32	-147.9	0.6	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	7.8	0.0	1.0	-206.8
565	17611864.88	4826262.61	3.00	1	E	63	-134.7	0.6	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	7.8	0.0	1.0	-193.6
565	17611864.88	4826262.61	3.00	1	E	125	-124.6	0.6	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	7.7	0.0	1.0	-183.6
565	17611864.88	4826262.61	3.00	1	E	250	-117.1	0.6	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	7.7	0.0	1.0	-176.1
565	17611864.88	4826262.61	3.00	1	E	500	-111.7	0.6	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	7.6	0.0	1.0	-170.7
565	17611864.88	4826262.61	3.00	1	E	1000	-42.5	0.6	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	7.4	0.0	1.0	-101.6
565	17611864.88	4826262.61	3.00	1	E	2000	-107.3	0.6	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	7.1	0.0	1.0	-166.9
565	17611864.88	4826262.61	3.00	1	E	4000	-107.5	0.6	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	6.2	0.0	1.0	-169.4
565	17611864.88	4826262.61	3.00	1	E	8000	-109.6	0.6	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	3.8	0.0	1.0	-180.7

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
568	17611864.10	4826263.29	3.00	1	D	32	-41.9	-0.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-94.0
568	17611864.10	4826263.29	3.00	1	D	63	-28.7	-0.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-80.8
568	17611864.10	4826263.29	3.00	1	D	125	-18.6	-0.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-70.7
568	17611864.10	4826263.29	3.00	1	D	250	-11.1	-0.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-63.3
568	17611864.10	4826263.29	3.00	1	D	500	-5.7	-0.3	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-58.0
568	17611864.10	4826263.29	3.00	1	D	1000	63.5	-0.3	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	10.9
568	17611864.10	4826263.29	3.00	1	D	2000	-1.3	-0.3	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	0.0	0.0	1.0	-54.7
568	17611864.10	4826263.29	3.00	1	D	4000	-1.5	-0.3	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	0.0	0.0	1.0	-58.1
568	17611864.10	4826263.29	3.00	1	D	8000	-3.6	-0.3	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	0.0	0.0	1.0	-71.8
568	17611864.10	4826263.29	3.00	1	N	32	-147.9	-0.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-200.0
568	17611864.10	4826263.29	3.00	1	N	63	-134.7	-0.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-186.8
568	17611864.10	4826263.29	3.00	1	N	125	-124.6	-0.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-176.8
568	17611864.10	4826263.29	3.00	1	N	250	-117.1	-0.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-169.3
568	17611864.10	4826263.29	3.00	1	N	500	-111.7	-0.3	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-164.1
568	17611864.10	4826263.29	3.00	1	N	1000	-42.5	-0.3	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-95.1
568	17611864.10	4826263.29	3.00	1	N	2000	-107.3	-0.3	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	0.0	0.0	1.0	-160.7
568	17611864.10	4826263.29	3.00	1	N	4000	-107.5	-0.3	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	0.0	0.0	1.0	-164.1
568	17611864.10	4826263.29	3.00	1	N	8000	-109.6	-0.3	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	0.0	0.0	1.0	-177.8
568	17611864.10	4826263.29	3.00	1	E	32	-147.9	-0.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-200.0
568	17611864.10	4826263.29	3.00	1	E	63	-134.7	-0.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-186.8
568	17611864.10	4826263.29	3.00	1	E	125	-124.6	-0.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-176.8
568	17611864.10	4826263.29	3.00	1	E	250	-117.1	-0.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-169.3
568	17611864.10	4826263.29	3.00	1	E	500	-111.7	-0.3	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-164.1
568	17611864.10	4826263.29	3.00	1	E	1000	-42.5	-0.3	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-95.1
568	17611864.10	4826263.29	3.00	1	E	2000	-107.3	-0.3	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	0.0	0.0	1.0	-160.7
568	17611864.10	4826263.29	3.00	1	E	4000	-107.5	-0.3	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	0.0	0.0	1.0	-164.1
568	17611864.10	4826263.29	3.00	1	E	8000	-109.6	-0.3	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	0.0	0.0	1.0	-177.8
571	17611861.98	4826264.13	3.00	0	D	32	-41.9	5.7	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-85.8
571	17611861.98	4826264.13	3.00	0	D	63	-28.7	5.7	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-72.6
571	17611861.98	4826264.13	3.00	0	D	125	-18.6	5.7	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-62.6
571	17611861.98	4826264.13	3.00	0	D	250	-11.1	5.7	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-55.1
571	17611861.98	4826264.13	3.00	0	D	500	-5.7	5.7	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-49.9
571	17611861.98	4826264.13	3.00	0	D	1000	63.5	5.7	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	19.1
571	17611861.98	4826264.13	3.00	0	D	2000	-1.3	5.7	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	-46.4
571	17611861.98	4826264.13	3.00	0	D	4000	-1.5	5.7	0.0	0.0	52.6	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	-49.4
571	17611861.98	4826264.13	3.00	0	D	8000	-3.6	5.7	0.0	0.0	52.6	14.1	-3.0	0.0	0.0	0.0	0.0	0.0	-61.6
571	17611861.98	4826264.13	3.00	0	N	32	-147.9	5.7	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-191.8
571	17611861.98	4826264.13	3.00	0	N	63	-134.7	5.7	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-178.7
571	17611861.98	4826264.13	3.00	0	N	125	-124.6	5.7	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-168.6
571	17611861.98	4826264.13	3.00	0	N	250	-117.1	5.7	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-161.2
571	17611861.98	4826264.13	3.00	0	N	500	-111.7	5.7	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-155.9
571	17611861.98	4826264.13	3.00	0	N	1000	-42.5	5.7	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	-86.9
571	17611861.98	4826264.13	3.00	0	N	2000	-107.3	5.7	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	-152.4
571	17611861.98	4826264.13	3.00	0	N	4000	-107.5	5.7	0.0	0.0	52.6	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	-155.4
571	17611861.98	4826264.13	3.00	0	N	8000	-109.6	5.7	0.0	0.0	52.6	14.1	-3.0	0.0	0.0	0.0	0.0	0.0	-167.6
571	17611861.98	4826264.13	3.00	0	E	32	-147.9	5.7	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-191.8
571	17611861.98	4826264.13	3.00	0	E	63	-134.7	5.7	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-178.7
571	17611861.98	4826264.13	3.00	0	E	125	-124.6	5.7	0.0	0.0	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-168.6
571	17611861.98	4826264.13	3.00	0	E	250	-117.1	5.7	0.0	0.0	52.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	-161.2
571	17611861.98	4826264.13	3.00	0	E	500	-111.7	5.7	0.0	0.0	52.6	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	-155.9
571	17611861.98	4826264.13	3.00	0	E	1000	-42.5	5.7	0.0	0.0	52.6	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	-86.9
571	17611861.98	4826264.13	3.00	0	E	2000	-107.3	5.7	0.0	0.0	52.6	1.2	-3.0	0.0	0.0	0.0	0.0	0.0	-152.4
571	17611861.98	4826264.13	3.00	0	E	4000	-107.5	5.7	0.0	0.0	52.6	4.0	-3.0	0.0	0.0	0.0	0.0	0.0	-155.4
571	17611861.98	4826264.13	3.00	0	E	8000	-109.6	5.7	0.0	0.0	52.6	14.1	-3.0	0.0	0.0	0.0	0.0	0.0	-167.6
574	17611856.69	4826265.72	3.00	0	D	32	-41.9	8.7	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-87.7
574	17611856.69	4826265.72	3.00	0	D	63	-28.7	8.7	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-74.5
574	17611856.69	4826265.72	3.00	0	D	125	-18.6	8.7	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	4.7	0.0	0.0	-64.5
574	17611856.69	4826265.72	3.00	0	D	250	-11.1	8.7	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	4.8	0.0	0.0	-57.1
574	17611856.69	4826265.72	3.00	0	D	500	-5.7	8.7	0.0	0.0	52.8	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	-51.9
574	17611856.69	4826265.72	3.00	0	D	1000	63.5	8.7	0.0	0.0	52.8	0.5	-3.0	0.0	0.0	4.9	0.0	0.0	17.1
574	17611856.69	4826265.72	3.00	0	D	2000	-1.3	8.7	0.0	0.0	52.8	1.2	-3.0	0.0	0.0	5.0	0.0	0.0	-48.6
574	17611856.69	4826265.72	3.00	0	D	4000	-1.5	8.7	0.0	0.0	52.8	4.0	-3.0	0.0	0.0	5.2	0.0	0.0	-51.8
574	17611856.69	4826265.72	3.00	0	D	8000	-3.6	8.7	0.0	0.0	52.8	14.4	-3.0	0.0	0.0	5.5	0.0	0.0	-64.6

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
574	17611856.69	4826265.72	3.00	0	N	32	-147.9	8.7	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-193.7
574	17611856.69	4826265.72	3.00	0	N	63	-134.7	8.7	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-180.6
574	17611856.69	4826265.72	3.00	0	N	125	-124.6	8.7	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	4.7	0.0	0.0	-170.5
574	17611856.69	4826265.72	3.00	0	N	250	-117.1	8.7	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	4.8	0.0	0.0	-163.1
574	17611856.69	4826265.72	3.00	0	N	500	-111.7	8.7	0.0	0.0	52.8	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	-157.9
574	17611856.69	4826265.72	3.00	0	N	1000	-42.5	8.7	0.0	0.0	52.8	0.5	-3.0	0.0	0.0	4.9	0.0	0.0	-88.9
574	17611856.69	4826265.72	3.00	0	N	2000	-107.3	8.7	0.0	0.0	52.8	1.2	-3.0	0.0	0.0	5.0	0.0	0.0	-154.6
574	17611856.69	4826265.72	3.00	0	N	4000	-107.5	8.7	0.0	0.0	52.8	4.0	-3.0	0.0	0.0	5.2	0.0	0.0	-157.8
574	17611856.69	4826265.72	3.00	0	N	8000	-109.6	8.7	0.0	0.0	52.8	14.4	-3.0	0.0	0.0	5.5	0.0	0.0	-170.6
574	17611856.69	4826265.72	3.00	0	E	32	-147.9	8.7	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-193.7
574	17611856.69	4826265.72	3.00	0	E	63	-134.7	8.7	0.0	0.0	52.8	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-180.6
574	17611856.69	4826265.72	3.00	0	E	125	-124.6	8.7	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	4.7	0.0	0.0	-170.5
574	17611856.69	4826265.72	3.00	0	E	250	-117.1	8.7	0.0	0.0	52.8	0.1	-3.0	0.0	0.0	4.8	0.0	0.0	-163.1
574	17611856.69	4826265.72	3.00	0	E	500	-111.7	8.7	0.0	0.0	52.8	0.2	-3.0	0.0	0.0	4.8	0.0	0.0	-157.9
574	17611856.69	4826265.72	3.00	0	E	1000	-42.5	8.7	0.0	0.0	52.8	0.5	-3.0	0.0	0.0	4.9	0.0	0.0	-88.9
574	17611856.69	4826265.72	3.00	0	E	2000	-107.3	8.7	0.0	0.0	52.8	1.2	-3.0	0.0	0.0	5.0	0.0	0.0	-154.6
574	17611856.69	4826265.72	3.00	0	E	4000	-107.5	8.7	0.0	0.0	52.8	4.0	-3.0	0.0	0.0	5.2	0.0	0.0	-157.8
574	17611856.69	4826265.72	3.00	0	E	8000	-109.6	8.7	0.0	0.0	52.8	14.4	-3.0	0.0	0.0	5.5	0.0	0.0	-170.6
576	17611862.72	4826263.91	3.00	1	D	32	-41.9	3.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-90.3
576	17611862.72	4826263.91	3.00	1	D	63	-28.7	3.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-77.2
576	17611862.72	4826263.91	3.00	1	D	125	-18.6	3.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-67.1
576	17611862.72	4826263.91	3.00	1	D	250	-11.1	3.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-59.7
576	17611862.72	4826263.91	3.00	1	D	500	-5.7	3.3	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-54.4
576	17611862.72	4826263.91	3.00	1	D	1000	63.5	3.3	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	14.6
576	17611862.72	4826263.91	3.00	1	D	2000	-1.3	3.3	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	0.0	0.0	1.0	-51.1
576	17611862.72	4826263.91	3.00	1	D	4000	-1.5	3.3	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	0.0	0.0	1.0	-54.5
576	17611862.72	4826263.91	3.00	1	D	8000	-3.6	3.3	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	0.0	0.0	1.0	-68.2
576	17611862.72	4826263.91	3.00	1	N	32	-147.9	3.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-196.4
576	17611862.72	4826263.91	3.00	1	N	63	-134.7	3.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-183.2
576	17611862.72	4826263.91	3.00	1	N	125	-124.6	3.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-173.1
576	17611862.72	4826263.91	3.00	1	N	250	-117.1	3.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-165.7
576	17611862.72	4826263.91	3.00	1	N	500	-111.7	3.3	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-160.4
576	17611862.72	4826263.91	3.00	1	N	1000	-42.5	3.3	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-91.5
576	17611862.72	4826263.91	3.00	1	N	2000	-107.3	3.3	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	0.0	0.0	1.0	-157.1
576	17611862.72	4826263.91	3.00	1	N	4000	-107.5	3.3	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	0.0	0.0	1.0	-160.5
576	17611862.72	4826263.91	3.00	1	N	8000	-109.6	3.3	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	0.0	0.0	1.0	-174.2
576	17611862.72	4826263.91	3.00	1	E	32	-147.9	3.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-196.4
576	17611862.72	4826263.91	3.00	1	E	63	-134.7	3.3	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	0.0	0.0	1.0	-183.2
576	17611862.72	4826263.91	3.00	1	E	125	-124.6	3.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-173.1
576	17611862.72	4826263.91	3.00	1	E	250	-117.1	3.3	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	0.0	0.0	1.0	-165.7
576	17611862.72	4826263.91	3.00	1	E	500	-111.7	3.3	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	0.0	0.0	1.0	-160.4
576	17611862.72	4826263.91	3.00	1	E	1000	-42.5	3.3	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	0.0	0.0	1.0	-91.5
576	17611862.72	4826263.91	3.00	1	E	2000	-107.3	3.3	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	0.0	0.0	1.0	-157.1
576	17611862.72	4826263.91	3.00	1	E	4000	-107.5	3.3	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	0.0	0.0	1.0	-160.5
576	17611862.72	4826263.91	3.00	1	E	8000	-109.6	3.3	0.0	0.0	53.8	16.1	-3.0	0.0	0.0	0.0	0.0	1.0	-174.2
578	17611861.38	4826264.31	3.00	1	D	32	-41.9	-2.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	21.6	0.0	1.0	-117.3
578	17611861.38	4826264.31	3.00	1	D	63	-28.7	-2.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	24.7	0.0	1.0	-107.2
578	17611861.38	4826264.31	3.00	1	D	125	-18.6	-2.0	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-100.4
578	17611861.38	4826264.31	3.00	1	D	250	-11.1	-2.0	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-93.0
578	17611861.38	4826264.31	3.00	1	D	500	-5.7	-2.0	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-87.7
578	17611861.38	4826264.31	3.00	1	D	1000	63.5	-2.0	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-18.8
578	17611861.38	4826264.31	3.00	1	D	2000	-1.3	-2.0	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-84.4
578	17611861.38	4826264.31	3.00	1	D	4000	-1.5	-2.0	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	28.0	0.0	1.0	-87.8
578	17611861.38	4826264.31	3.00	1	D	8000	-3.6	-2.0	0.0	0.0	53.8	16.2	-3.0	0.0	0.0	28.0	0.0	1.0	-101.6
578	17611861.38	4826264.31	3.00	1	N	32	-147.9	-2.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	21.6	0.0	1.0	-223.3
578	17611861.38	4826264.31	3.00	1	N	63	-134.7	-2.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	24.7	0.0	1.0	-213.3
578	17611861.38	4826264.31	3.00	1	N	125	-124.6	-2.0	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-206.4
578	17611861.38	4826264.31	3.00	1	N	250	-117.1	-2.0	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-199.0
578	17611861.38	4826264.31	3.00	1	N	500	-111.7	-2.0	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-193.8
578	17611861.38	4826264.31	3.00	1	N	1000	-42.5	-2.0	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-124.8
578	17611861.38	4826264.31	3.00	1	N	2000	-107.3	-2.0	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-190.4
578	17611861.38	4826264.31	3.00	1	N	4000	-107.5	-2.0	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	28.0	0.0	1.0	-193.8
578	17611861.38	4826264.31	3.00	1	N	8000	-109.6	-2.0	0.0	0.0	53.8	16.2	-3.0	0.0	0.0	28.0	0.0	1.0	-207.6

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
578	17611861.38	4826264.31	3.00	1	E	32	-147.9	-2.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	21.6	0.0	1.0	-223.3
578	17611861.38	4826264.31	3.00	1	E	63	-134.7	-2.0	0.0	0.0	53.8	0.0	-3.0	0.0	0.0	24.7	0.0	1.0	-213.3
578	17611861.38	4826264.31	3.00	1	E	125	-124.6	-2.0	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-206.4
578	17611861.38	4826264.31	3.00	1	E	250	-117.1	-2.0	0.0	0.0	53.8	0.1	-3.0	0.0	0.0	28.0	0.0	1.0	-199.0
578	17611861.38	4826264.31	3.00	1	E	500	-111.7	-2.0	0.0	0.0	53.8	0.3	-3.0	0.0	0.0	28.0	0.0	1.0	-193.8
578	17611861.38	4826264.31	3.00	1	E	1000	-42.5	-2.0	0.0	0.0	53.8	0.5	-3.0	0.0	0.0	28.0	0.0	1.0	-124.8
578	17611861.38	4826264.31	3.00	1	E	2000	-107.3	-2.0	0.0	0.0	53.8	1.3	-3.0	0.0	0.0	28.0	0.0	1.0	-190.4
578	17611861.38	4826264.31	3.00	1	E	4000	-107.5	-2.0	0.0	0.0	53.8	4.5	-3.0	0.0	0.0	28.0	0.0	1.0	-193.8
578	17611861.38	4826264.31	3.00	1	E	8000	-109.6	-2.0	0.0	0.0	53.8	16.2	-3.0	0.0	0.0	28.0	0.0	1.0	-207.6
581	17611901.45	4826235.29	3.00	0	D	32	-41.9	10.1	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-88.6
581	17611901.45	4826235.29	3.00	0	D	63	-28.7	10.1	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-77.2
581	17611901.45	4826235.29	3.00	0	D	125	-18.6	10.1	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	10.7	0.0	0.0	-69.2
581	17611901.45	4826235.29	3.00	0	D	250	-11.1	10.1	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	12.9	0.0	0.0	-63.9
581	17611901.45	4826235.29	3.00	0	D	500	-5.7	10.1	0.0	0.0	53.0	0.2	-3.0	0.0	0.0	15.3	0.0	0.0	-61.1
581	17611901.45	4826235.29	3.00	0	D	1000	63.5	10.1	0.0	0.0	53.0	0.5	-3.0	0.0	0.0	18.0	0.0	0.0	5.2
581	17611901.45	4826235.29	3.00	0	D	2000	-1.3	10.1	0.0	0.0	53.0	1.2	-3.0	0.0	0.0	20.9	0.0	0.0	-63.2
581	17611901.45	4826235.29	3.00	0	D	4000	-1.5	10.1	0.0	0.0	53.0	4.1	-3.0	0.0	0.0	22.7	0.0	0.0	-68.1
581	17611901.45	4826235.29	3.00	0	D	8000	-3.6	10.1	0.0	0.0	53.0	14.7	-3.0	0.0	0.0	22.9	0.0	0.0	-80.9
581	17611901.45	4826235.29	3.00	0	N	32	-147.9	10.1	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-194.6
581	17611901.45	4826235.29	3.00	0	N	63	-134.7	10.1	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-183.2
581	17611901.45	4826235.29	3.00	0	N	125	-124.6	10.1	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	10.7	0.0	0.0	-175.2
581	17611901.45	4826235.29	3.00	0	N	250	-117.1	10.1	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	12.9	0.0	0.0	-170.0
581	17611901.45	4826235.29	3.00	0	N	500	-111.7	10.1	0.0	0.0	53.0	0.2	-3.0	0.0	0.0	15.3	0.0	0.0	-167.1
581	17611901.45	4826235.29	3.00	0	N	1000	-42.5	10.1	0.0	0.0	53.0	0.5	-3.0	0.0	0.0	18.0	0.0	0.0	-100.8
581	17611901.45	4826235.29	3.00	0	N	2000	-107.3	10.1	0.0	0.0	53.0	1.2	-3.0	0.0	0.0	20.9	0.0	0.0	-169.2
581	17611901.45	4826235.29	3.00	0	N	4000	-107.5	10.1	0.0	0.0	53.0	4.1	-3.0	0.0	0.0	22.7	0.0	0.0	-174.2
581	17611901.45	4826235.29	3.00	0	N	8000	-109.6	10.1	0.0	0.0	53.0	14.7	-3.0	0.0	0.0	22.9	0.0	0.0	-187.0
581	17611901.45	4826235.29	3.00	0	E	32	-147.9	10.1	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	6.9	0.0	0.0	-194.6
581	17611901.45	4826235.29	3.00	0	E	63	-134.7	10.1	0.0	0.0	53.0	0.0	-3.0	0.0	0.0	8.7	0.0	0.0	-183.2
581	17611901.45	4826235.29	3.00	0	E	125	-124.6	10.1	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	10.7	0.0	0.0	-175.2
581	17611901.45	4826235.29	3.00	0	E	250	-117.1	10.1	0.0	0.0	53.0	0.1	-3.0	0.0	0.0	12.9	0.0	0.0	-170.0
581	17611901.45	4826235.29	3.00	0	E	500	-111.7	10.1	0.0	0.0	53.0	0.2	-3.0	0.0	0.0	15.3	0.0	0.0	-167.1
581	17611901.45	4826235.29	3.00	0	E	1000	-42.5	10.1	0.0	0.0	53.0	0.5	-3.0	0.0	0.0	18.0	0.0	0.0	-100.8
581	17611901.45	4826235.29	3.00	0	E	2000	-107.3	10.1	0.0	0.0	53.0	1.2	-3.0	0.0	0.0	20.9	0.0	0.0	-169.2
581	17611901.45	4826235.29	3.00	0	E	4000	-107.5	10.1	0.0	0.0	53.0	4.1	-3.0	0.0	0.0	22.7	0.0	0.0	-174.2
581	17611901.45	4826235.29	3.00	0	E	8000	-109.6	10.1	0.0	0.0	53.0	14.7	-3.0	0.0	0.0	22.9	0.0	0.0	-187.0
583	17611903.29	4826235.29	3.00	1	D	63	-28.7	8.2	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	9.5	0.0	1.0	-82.0
583	17611903.29	4826235.29	3.00	1	D	125	-18.6	8.2	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	10.7	0.0	1.0	-73.2
583	17611903.29	4826235.29	3.00	1	D	250	-11.1	8.2	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	12.5	0.0	1.0	-67.5
583	17611903.29	4826235.29	3.00	1	D	500	-5.7	8.2	0.0	0.0	54.0	0.3	-3.0	0.0	0.0	14.7	0.0	1.0	-64.4
583	17611903.29	4826235.29	3.00	1	D	1000	63.5	8.2	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	17.2	0.0	1.0	2.0
583	17611903.29	4826235.29	3.00	1	D	2000	-1.3	8.2	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	20.0	0.0	1.0	-66.4
583	17611903.29	4826235.29	3.00	1	D	4000	-1.5	8.2	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	22.9	0.0	1.0	-72.8
583	17611903.29	4826235.29	3.00	1	D	8000	-3.6	8.2	0.0	0.0	54.0	16.5	-3.0	0.0	0.0	23.0	0.0	1.0	-86.9
583	17611903.29	4826235.29	3.00	1	N	63	-134.7	8.2	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	9.5	0.0	1.0	-188.0
583	17611903.29	4826235.29	3.00	1	N	125	-124.6	8.2	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	10.7	0.0	1.0	-179.2
583	17611903.29	4826235.29	3.00	1	N	250	-117.1	8.2	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	12.5	0.0	1.0	-173.5
583	17611903.29	4826235.29	3.00	1	N	500	-111.7	8.2	0.0	0.0	54.0	0.3	-3.0	0.0	0.0	14.7	0.0	1.0	-170.5
583	17611903.29	4826235.29	3.00	1	N	1000	-42.5	8.2	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	17.2	0.0	1.0	-104.0
583	17611903.29	4826235.29	3.00	1	N	2000	-107.3	8.2	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	20.0	0.0	1.0	-172.5
583	17611903.29	4826235.29	3.00	1	N	4000	-107.5	8.2	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	22.9	0.0	1.0	-178.8
583	17611903.29	4826235.29	3.00	1	N	8000	-109.6	8.2	0.0	0.0	54.0	16.5	-3.0	0.0	0.0	23.0	0.0	1.0	-192.9
583	17611903.29	4826235.29	3.00	1	E	63	-134.7	8.2	0.0	0.0	54.0	0.0	-3.0	0.0	0.0	9.5	0.0	1.0	-188.0
583	17611903.29	4826235.29	3.00	1	E	125	-124.6	8.2	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	10.7	0.0	1.0	-179.2
583	17611903.29	4826235.29	3.00	1	E	250	-117.1	8.2	0.0	0.0	54.0	0.1	-3.0	0.0	0.0	12.5	0.0	1.0	-173.5
583	17611903.29	4826235.29	3.00	1	E	500	-111.7	8.2	0.0	0.0	54.0	0.3	-3.0	0.0	0.0	14.7	0.0	1.0	-170.5
583	17611903.29	4826235.29	3.00	1	E	1000	-42.5	8.2	0.0	0.0	54.0	0.5	-3.0	0.0	0.0	17.2	0.0	1.0	-104.0
583	17611903.29	4826235.29	3.00	1	E	2000	-107.3	8.2	0.0	0.0	54.0	1.4	-3.0	0.0	0.0	20.0	0.0	1.0	-172.5
583	17611903.29	4826235.29	3.00	1	E	4000	-107.5	8.2	0.0	0.0	54.0	4.6	-3.0	0.0	0.0	22.9	0.0	1.0	-178.8
583	17611903.29	4826235.29	3.00	1	E	8000	-109.6	8.2	0.0	0.0	54.0	16.5	-3.0	0.0	0.0	23.0	0.0	1.0	-192.9
584	17611898.13	4826235.29	3.00	1	D	63	-28.7	5.7	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-84.6
584	17611898.13	4826235.29	3.00	1	D	125	-18.6	5.7	0.0	0.0	54.1	0.1	-3.0	0.0	0.0	10.6	0.0	1.0	-75.7
584	17611898.13	4826235.29	3.00	1	D	250	-11.1	5.7	0.0	0.0	54.1	0.1	-3.0	0.0	0.0	12.2	0.0	1.0	-69.9

Line Source, ISO 9613, Name: "Truck Movement", ID: "TM"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
584	17611898.13	4826235.29	3.00	1	D	500	-5.7	5.7	0.0	0.0	54.1	0.3	-3.0	0.0	0.0	14.4	0.0	1.0	-66.8
584	17611898.13	4826235.29	3.00	1	D	1000	63.5	5.7	0.0	0.0	54.1	0.5	-3.0	0.0	0.0	16.9	0.0	1.0	-0.4
584	17611898.13	4826235.29	3.00	1	D	2000	-1.3	5.7	0.0	0.0	54.1	1.4	-3.0	0.0	0.0	19.6	0.0	1.0	-68.8
584	17611898.13	4826235.29	3.00	1	D	4000	-1.5	5.7	0.0	0.0	54.1	4.7	-3.0	0.0	0.0	22.5	0.0	1.0	-75.1
584	17611898.13	4826235.29	3.00	1	D	8000	-3.6	5.7	0.0	0.0	54.1	16.8	-3.0	0.0	0.0	23.0	0.0	1.0	-89.8
584	17611898.13	4826235.29	3.00	1	N	63	-134.7	5.7	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-190.6
584	17611898.13	4826235.29	3.00	1	N	125	-124.6	5.7	0.0	0.0	54.1	0.1	-3.0	0.0	0.0	10.6	0.0	1.0	-181.7
584	17611898.13	4826235.29	3.00	1	N	250	-117.1	5.7	0.0	0.0	54.1	0.1	-3.0	0.0	0.0	12.2	0.0	1.0	-176.0
584	17611898.13	4826235.29	3.00	1	N	500	-111.7	5.7	0.0	0.0	54.1	0.3	-3.0	0.0	0.0	14.4	0.0	1.0	-172.8
584	17611898.13	4826235.29	3.00	1	N	1000	-42.5	5.7	0.0	0.0	54.1	0.5	-3.0	0.0	0.0	16.9	0.0	1.0	-106.4
584	17611898.13	4826235.29	3.00	1	N	2000	-107.3	5.7	0.0	0.0	54.1	1.4	-3.0	0.0	0.0	19.6	0.0	1.0	-174.8
584	17611898.13	4826235.29	3.00	1	N	4000	-107.5	5.7	0.0	0.0	54.1	4.7	-3.0	0.0	0.0	22.5	0.0	1.0	-181.2
584	17611898.13	4826235.29	3.00	1	N	8000	-109.6	5.7	0.0	0.0	54.1	16.8	-3.0	0.0	0.0	23.0	0.0	1.0	-195.8
584	17611898.13	4826235.29	3.00	1	E	63	-134.7	5.7	0.0	0.0	54.1	0.0	-3.0	0.0	0.0	9.4	0.0	1.0	-190.6
584	17611898.13	4826235.29	3.00	1	E	125	-124.6	5.7	0.0	0.0	54.1	0.1	-3.0	0.0	0.0	10.6	0.0	1.0	-181.7
584	17611898.13	4826235.29	3.00	1	E	250	-117.1	5.7	0.0	0.0	54.1	0.1	-3.0	0.0	0.0	12.2	0.0	1.0	-176.0
584	17611898.13	4826235.29	3.00	1	E	500	-111.7	5.7	0.0	0.0	54.1	0.3	-3.0	0.0	0.0	14.4	0.0	1.0	-172.8
584	17611898.13	4826235.29	3.00	1	E	1000	-42.5	5.7	0.0	0.0	54.1	0.5	-3.0	0.0	0.0	16.9	0.0	1.0	-106.4
584	17611898.13	4826235.29	3.00	1	E	2000	-107.3	5.7	0.0	0.0	54.1	1.4	-3.0	0.0	0.0	19.6	0.0	1.0	-174.8
584	17611898.13	4826235.29	3.00	1	E	4000	-107.5	5.7	0.0	0.0	54.1	4.7	-3.0	0.0	0.0	22.5	0.0	1.0	-181.2
584	17611898.13	4826235.29	3.00	1	E	8000	-109.6	5.7	0.0	0.0	54.1	16.8	-3.0	0.0	0.0	23.0	0.0	1.0	-195.8
585	17611851.05	4826264.39	3.00	0	D	32	-41.9	8.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-88.7
585	17611851.05	4826264.39	3.00	0	D	63	-28.7	8.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-75.5
585	17611851.05	4826264.39	3.00	0	D	125	-18.6	8.0	0.0	0.0	53.1	0.1	-3.0	0.0	0.0	4.7	0.0	0.0	-65.5
585	17611851.05	4826264.39	3.00	0	D	250	-11.1	8.0	0.0	0.0	53.1	0.1	-3.0	0.0	0.0	4.8	0.0	0.0	-58.2
585	17611851.05	4826264.39	3.00	0	D	500	-5.7	8.0	0.0	0.0	53.1	0.2	-3.0	0.0	0.0	4.9	0.0	0.0	-53.0
585	17611851.05	4826264.39	3.00	0	D	1000	63.5	8.0	0.0	0.0	53.1	0.5	-3.0	0.0	0.0	5.1	0.0	0.0	15.8
585	17611851.05	4826264.39	3.00	0	D	2000	-1.3	8.0	0.0	0.0	53.1	1.2	-3.0	0.0	0.0	5.5	0.0	0.0	-50.1
585	17611851.05	4826264.39	3.00	0	D	4000	-1.5	8.0	0.0	0.0	53.1	4.2	-3.0	0.0	0.0	6.1	0.0	0.0	-53.8
585	17611851.05	4826264.39	3.00	0	D	8000	-3.6	8.0	0.0	0.0	53.1	15.0	-3.0	0.0	0.0	7.1	0.0	0.0	-67.7
585	17611851.05	4826264.39	3.00	0	N	32	-147.9	8.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-194.7
585	17611851.05	4826264.39	3.00	0	N	63	-134.7	8.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-181.5
585	17611851.05	4826264.39	3.00	0	N	125	-124.6	8.0	0.0	0.0	53.1	0.1	-3.0	0.0	0.0	4.7	0.0	0.0	-171.5
585	17611851.05	4826264.39	3.00	0	N	250	-117.1	8.0	0.0	0.0	53.1	0.1	-3.0	0.0	0.0	4.8	0.0	0.0	-164.2
585	17611851.05	4826264.39	3.00	0	N	500	-111.7	8.0	0.0	0.0	53.1	0.2	-3.0	0.0	0.0	4.9	0.0	0.0	-159.0
585	17611851.05	4826264.39	3.00	0	N	1000	-42.5	8.0	0.0	0.0	53.1	0.5	-3.0	0.0	0.0	5.1	0.0	0.0	-90.2
585	17611851.05	4826264.39	3.00	0	N	2000	-107.3	8.0	0.0	0.0	53.1	1.2	-3.0	0.0	0.0	5.5	0.0	0.0	-156.1
585	17611851.05	4826264.39	3.00	0	N	4000	-107.5	8.0	0.0	0.0	53.1	4.2	-3.0	0.0	0.0	6.1	0.0	0.0	-159.9
585	17611851.05	4826264.39	3.00	0	N	8000	-109.6	8.0	0.0	0.0	53.1	15.0	-3.0	0.0	0.0	7.1	0.0	0.0	-173.7
585	17611851.05	4826264.39	3.00	0	E	32	-147.9	8.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-194.7
585	17611851.05	4826264.39	3.00	0	E	63	-134.7	8.0	0.0	0.0	53.1	0.0	-3.0	0.0	0.0	4.7	0.0	0.0	-181.5
585	17611851.05	4826264.39	3.00	0	E	125	-124.6	8.0	0.0	0.0	53.1	0.1	-3.0	0.0	0.0	4.7	0.0	0.0	-171.5
585	17611851.05	4826264.39	3.00	0	E	250	-117.1	8.0	0.0	0.0	53.1	0.1	-3.0	0.0	0.0	4.8	0.0	0.0	-164.2
585	17611851.05	4826264.39	3.00	0	E	500	-111.7	8.0	0.0	0.0	53.1	0.2	-3.0	0.0	0.0	4.9	0.0	0.0	-159.0
585	17611851.05	4826264.39	3.00	0	E	1000	-42.5	8.0	0.0	0.0	53.1	0.5	-3.0	0.0	0.0	5.1	0.0	0.0	-90.2
585	17611851.05	4826264.39	3.00	0	E	2000	-107.3	8.0	0.0	0.0	53.1	1.2	-3.0	0.0	0.0	5.5	0.0	0.0	-156.1
585	17611851.05	4826264.39	3.00	0	E	4000	-107.5	8.0	0.0	0.0	53.1	4.2	-3.0	0.0	0.0	6.1	0.0	0.0	-159.9
585	17611851.05	4826264.39	3.00	0	E	8000	-109.6	8.0	0.0	0.0	53.1	15.0	-3.0	0.0	0.0	7.1	0.0	0.0	-173.7

Point Source, ISO 9613, Name: "Truck Idle 1", ID: "TI1"																			
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
586	17611926.04	4826267.01	3.00	0	D	500	17.5	0.0	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	14.0	0.0	0.0	-43.6
586	17611926.04	4826267.01	3.00	0	N	500	-1.$	0.0	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	14.0	0.0	0.0	-1.$
586	17611926.04	4826267.01	3.00	0	E	500	-1.$	0.0	0.0	0.0	49.9	0.2	-3.0	0.0	0.0	14.0	0.0	0.0	-1.$
587	17611926.04	4826267.01	3.00	1	D	500	17.5	0.0	0.0	0.0	51.3	0.2	-3.0	0.0	0.0	14.9	0.0	1.0	-46.9
587	17611926.04	4826267.01	3.00	1	N	500	-1.$	0.0	0.0	0.0	51.3	0.2	-3.0	0.0	0.0	14.9	0.0	1.0	-1.$
587	17611926.04	4826267.01	3.00	1	E	500	-1.$	0.0	0.0	0.0	51.3	0.2	-3.0	0.0	0.0	14.9	0.0	1.0	-1.$
588	17611926.04	4826267.01	3.00	2	D	500	17.5	0.0	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	10.2	0.0	2.0	-45.5
588	17611926.04	4826267.01	3.00	2	N	500	-1.$	0.0	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	10.2	0.0	2.0	-1.$
588	17611926.04	4826267.01	3.00	2	E	500	-1.$	0.0	0.0	0.0	53.5	0.3	-3.0	0.0	0.0	10.2	0.0	2.0	-1.$

Sample Calculation: Rc Unmitigated

Point Source, ISO 9613, Name: "Truck Idle 2", ID: "TI2"																		
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
589	17611869.09	4826261.49	3.00	0	D	500	17.5	0.0	0.0	0.0	52.4	0.2	-3.0	0.0	0.0	11.9	0.0	0.0	-44.0
589	17611869.09	4826261.49	3.00	0	N	500	-1.$	0.0	0.0	0.0	52.4	0.2	-3.0	0.0	0.0	11.9	0.0	0.0	-1.$
589	17611869.09	4826261.49	3.00	0	E	500	-1.$	0.0	0.0	0.0	52.4	0.2	-3.0	0.0	0.0	11.9	0.0	0.0	-1.$
590	17611869.09	4826261.49	3.00	1	D	500	17.5	0.0	0.0	0.0	53.7	0.3	-3.0	0.0	0.0	15.7	0.0	1.0	-50.1
590	17611869.09	4826261.49	3.00	1	N	500	-1.$	0.0	0.0	0.0	53.7	0.3	-3.0	0.0	0.0	15.7	0.0	1.0	-1.$
590	17611869.09	4826261.49	3.00	1	E	500	-1.$	0.0	0.0	0.0	53.7	0.3	-3.0	0.0	0.0	15.7	0.0	1.0	-1.$