

Enbridge Office Warehouse Ottawa

**Environmental Noise and Vibration Assessment
Ottawa, ON**

SLR Project No: 241.30295.00000
September 2021



ENVIRONMENTAL NOISE AND VIBRATION ASSESSMENT
Enbridge Office Warehouse Ottawa
Ottawa, Ontario
SLR Project No: 241.30295.00000

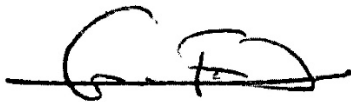
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September 13, 2021

This document has been prepared by SLR Canada. The material and data in this report were prepared under the supervision and direction of the undersigned.

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TABLE OF CONTENTS

1. Introduction.....	4
1.1 Nature of the Subject Lands	4
1.2 Nature of the Surroundings.....	4
2. APPLICABLE GUIDELINE LIMITS.....	4
3. POINTS OF RECEPTION	5
4. STATIONARY SOURCE NOISE IMPACTS	5
4.1 Development Stationary Noise Sources	5
4.2 Stationary Source Modelling	6
4.3 Stationary Noise Impacts.....	6
4.3.1 Continuous Operations	6
4.3.2 Emergency Generator Testing	6
5. CONCLUSION AND RECOMMENDATIONS	7
6. REFERENCES	8

FIGURES

Figure 1: Context Plan

Figure 2: Surrounding Noise Sensitive Building Locations

Figure 3: Development Stationary Source Locations

Figure 4: Modelled Noise Impact Contours – Façade Sound Levels – Continuous Operations

Figure 5: Modelled Noise Impact Contours – Outdoor Points of Reception – Continuous Operations

Figure 6: Modelled Noise Impact Contours – Façade Sound Levels – Emergency Generator Testing

Figure 7: Modelled Noise Impact Contours – Outdoor Points of Reception – Emergency Generator Testing

APPENDICES

Appendix A: Development Drawings

Appendix B: Source Sound Level Data

Appendix C: Sample Modelling Output File

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1. INTRODUCTION

SLR Consulting (Canada) Ltd. was retained by Walterfedy to conduct an Environmental noise and vibration study for the proposed Enbridge Office Warehouse development (Operation Centre) in Ottawa, Ontario. This study was completed in support of the Site Plan Amendment (SPA) applications for the project.

1.1 NATURE OF THE SUBJECT LANDS

The proposed facility will be located at 2571 Lancaster Road in Ottawa, Ontario.

The proposed operation centre will include a two storey office with a total of 3,598 m², a one storey warehouse with a total of 689 m² and a one storey shop with total of 528 m². The site will include 285 parking spaces for staff vehicles, backhoes, and dump trucks.

An outdoor yard area for storing and transportation of soils, aggregates and asphalt patch material will be located in the north side of the property.

A copy of the site plan is included in **Appendix A**.

1.2 NATURE OF THE SURROUNDINGS

The lands surrounding the development are a combination of residential, commercial and light industrial lands. Immediately surrounding the site there are light industries to the north and northwest, commercial uses to the east and south and low-rise residential properties to the southwest. Beyond the immediate surroundings, the area is mainly dominated by low rise and mid-rise residential residences to the south and light industries to the north.

The surrounding topography is mainly flat with no significant variations.

A context plan is shown in **Figure 1**.

2. APPLICABLE GUIDELINE LIMITS

The applicable guidelines for stationary noise impacts on noise sensitive land uses are provided in Ministry of the Environment Conservation and Parks (MECP) Publication NPC-300. As indicated in NPC-300, the applicable noise limits at a point of reception are the higher of the existing ambient sound level due to road traffic or the exclusion limits set out in the guideline.

The acoustic environment surrounding the proposed development is considered a Class 1 area, due to surrounding commercial/industrial lands and roadway noise during all periods of the day.

Table 1 summarizes the Class 1 exclusionary limits from NPC-300 for continuous noise.

As the ambient/roadway sound levels are not expected to be significant at the worst-case residential homes, the exclusionary limits for a Class 1 area were applied for all surrounding receptors.

Table 1: Exclusion Limits for Continuous Stationary Noise

Location	Time of Day	Class 1 Area (L_{eq-1hr} , dBA)
Plane of Windows	7am to 7 pm	50
	7 pm to 11 pm	50
	11 pm to 7 am	45
Outdoor Points of Reception	7am to 7 pm	50
	7 pm to 11 pm	50
	11 pm to 7 am	n/a

Notes: [1] or minimum hourly L_{eq} of background noise, whichever is higher.

The applicable guideline limits for testing of emergency equipment, such as emergency generator sets, are +5 dB higher than the values above. Additionally, emergency equipment operating in non-emergency situations is to be assessed independently of all other stationary sources of noise.

3. POINTS OF RECEPTION

Noise sensitive buildings within the surrounding area include residential buildings. The closest noise sensitive buildings include the following:

- One and two storey residential homes located to the south on Southdale Crescent; and
- Mid-rise residential towers located to the south on Southvale Crescent;

An assessment of the development's equipment sound levels was assessed on each of the above listed noise-sensitive buildings. The locations of each noise sensitive buildings are shown in **Figure 2**.

4. STATIONARY SOURCE NOISE IMPACTS

An assessment of building mechanical systems was completed based on the current development floor plans, elevations, equipment and mechanical specifications. Heating and cooling systems will consist in a geothermal loop, therefore, significant HVAC rooftop units will not be included

4.1 DEVELOPMENT STATIONARY NOISE SOURCES

The equipment considered to be significant sources of noise include:

- Dump truck traffic;
- Dump trucks idling;
- Front end loader;
- Material dump; and
- Emergency Generator in an acoustic enclosure;

A summary of the equipment sound power levels and operating conditions/assumptions is included in **Appendix B**.

Figure 3 shows the locations of the above sources.

4.2 STATIONARY SOURCE MODELLING

The potential for noise effects were predicted using the Cadna/A software implementation of the ISO-9613 noise propagation algorithms. The model took into consideration the layout of a site, the effect of the proposed development buildings, the location of the sources, and any applicable surrounding buildings/structures.

Sound levels were predicted along the facades of the proposed development using the “building evaluation” feature of Cadna/A. This feature allows for noise levels to be predicted across the entire façade of a structure. Facades considered to be non-noise sensitive (e.g. blank walls, lobby space) were excluded from the analysis.

Localized areas with absorptive ground (eg. grass) were included in the noise modelling as a ground factor of 1. All other grounds were assessed as a reflective surface, as the majority of the intervening surface is paved.

4.3 STATIONARY NOISE IMPACTS

4.3.1 CONTINUOUS OPERATIONS

Façade Sound Levels

Predicted noise effects from the Enbridge Ottawa Office Warehouse development on the surrounding noise sensitive buildings are shown in **Figure 4** at a height of 4.5 m. As the equipment was assumed to operate under the same conditions during daytime and nighttime, only a comparison to the stricter nighttime limits was completed. As shown in Figure 4, noise impacts are predicted to be below the nighttime limit of 45 dBA at noise sensitive areas surrounding the development. No additional noise controls are required for the development equipment.

A sample output file for a receptor located in the surrounding neighborhood (POR) is included in **Appendix D**.

Outdoor Living Area

Noise effects at a height of 1.5 m are shown in **Figure 5** as modelled noise impact contours. Based on the results shown in **Figure 5**, the 50 dBA criteria is met at all rear yards in the surrounding area. No additional noise controls are required for the development equipment.

4.3.2 EMERGENCY GENERATOR TESTING

Façade Sound Levels

Predicted noise effects from the Enbridge Ottawa Office Warehouse development on the surrounding noise sensitive buildings are shown in **Figure 6** at a height of 4.5 m, considering emergency generator testing operations.

Noise levels are predicted to be well below the 55 dBA limit required for emergency equipment testing at all surrounding noise sensitive buildings with the inclusion of the acoustic enclosure. Therefore, additional noise control measures are not required for the development equipment.

Outdoor Living Area

Noise effects at a height of 1.5 m are shown in **Figure 7** as modelled noise effect contours. Based on the results shown in **Figure 7**, the 55 dBA criteria is met at all private outdoor areas of the surrounding noise sensitive buildings considering emergency generator testing operations, with the inclusion of the acoustic enclosure. No additional noise controls are required for the development equipment.

5. CONCLUSION AND RECOMMENDATIONS

The potential for noise effects from the proposed development have been assessed. Noise from the development on the surrounding area have been considered. Based on the results of the study, the following conclusions have been reached:

- Noise effects from the proposed development equipment were assessed on surround noise sensitive buildings.
- The ENCG/MECP default NPC-300 Class 1 Area criteria were applied as a conservative assessment of facility effects.
- Stationary noise effects from the development's equipment noise are predicted to meet NPC-300 Class 1 guideline limits in surrounding noise sensitive buildings. Noise mitigation measures are not required for the proposed development equipment.

6. REFERENCES

International Organization for Standardization, ISO 9613-2: *Acoustics – Attenuation of Sound During Propagation Outdoors Part 2: General Method of Calculation*, Geneva, Switzerland, 1996.

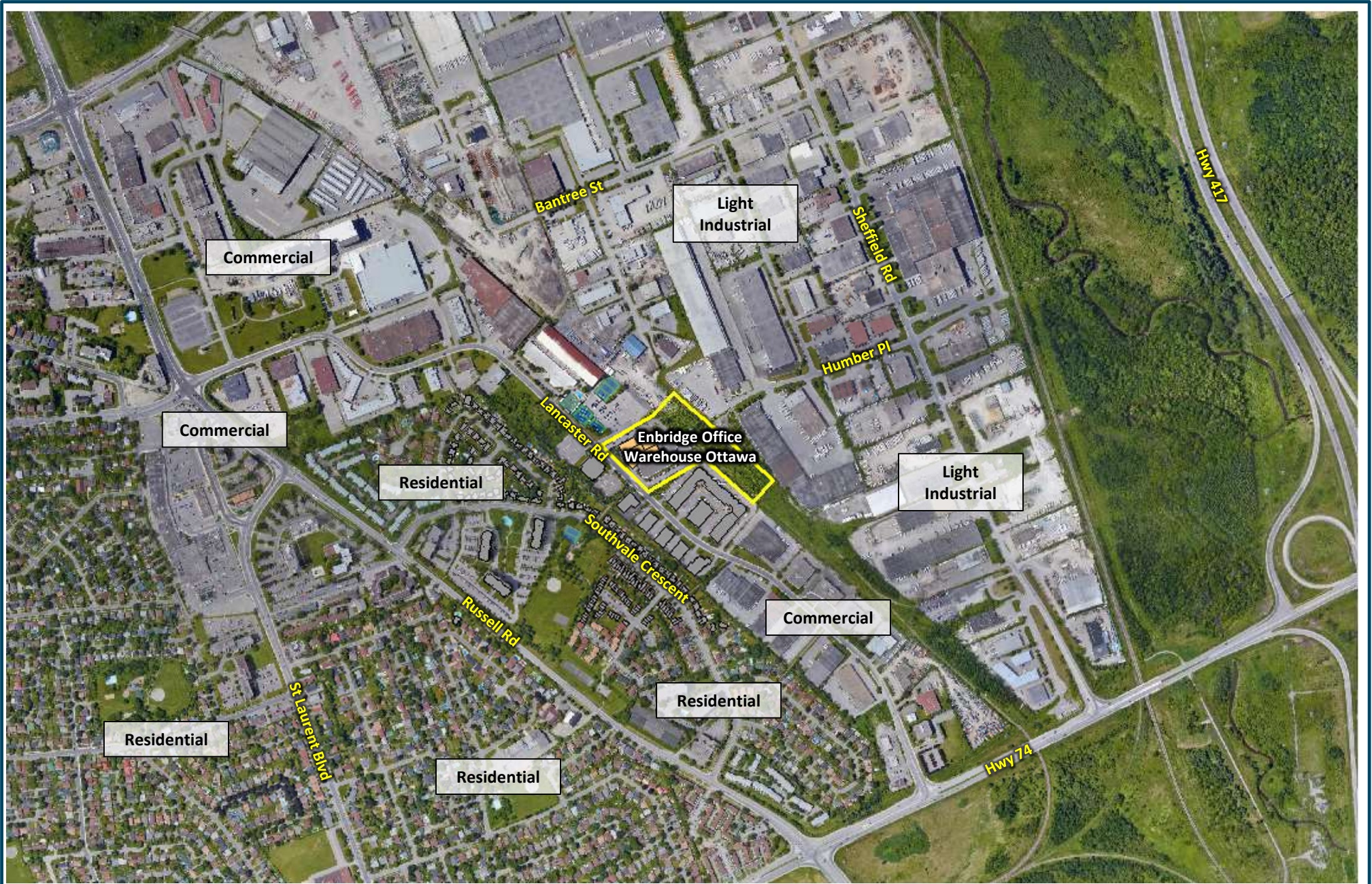
Ontario Ministry of the Environment, Conservation and Parks, Publication NPC-300: *Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning*, 2013.

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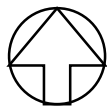
FIGURES

Environmental Noise and Vibration Assessment
Enbridge Office Warehouse Ottawa
SLR Project No.: 241.30295.00000

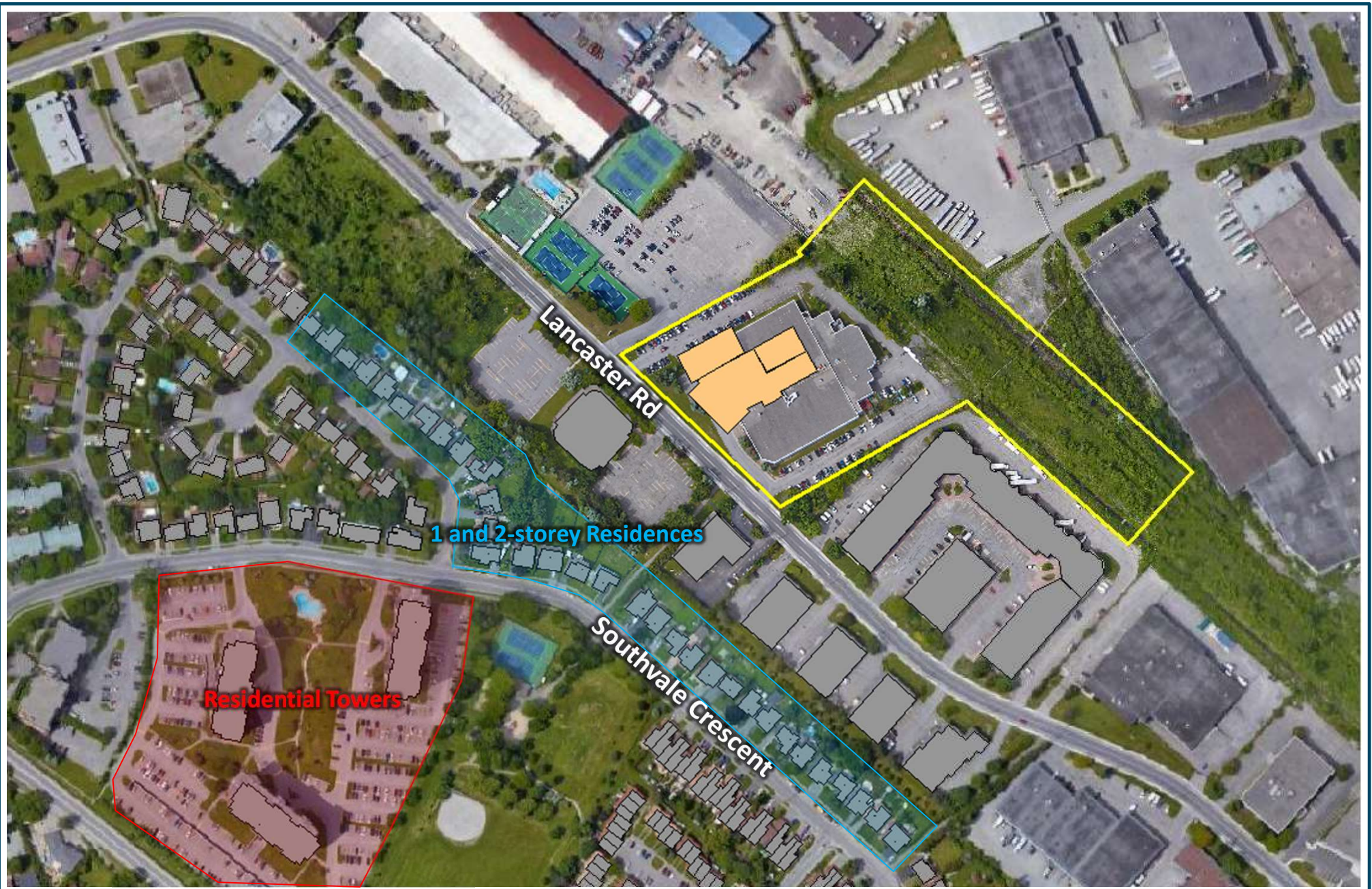
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WALTERFEDY
ENBRIDGE OFFICE WAREHOUSE OTTAWA
CONTEXT PLAN

True North 	Scale: 1:10,000	METRES
	Date: Sep 13, 2021	Rev 1.0
	Project No. 241.30295.00000	
		Figure No. 1






WALTERFEDY
ENBRIDGE OFFICE WAREHOUSE OTTAWA
SURROUNDING NOISE SENSITIVE BUILDING LOCATIONS

True North 	Scale:	1:3,000	METRES
	Date: Sep 13, 2021	Rev 1.0	Figure No. 2
	Project No. 241.30295.00000		

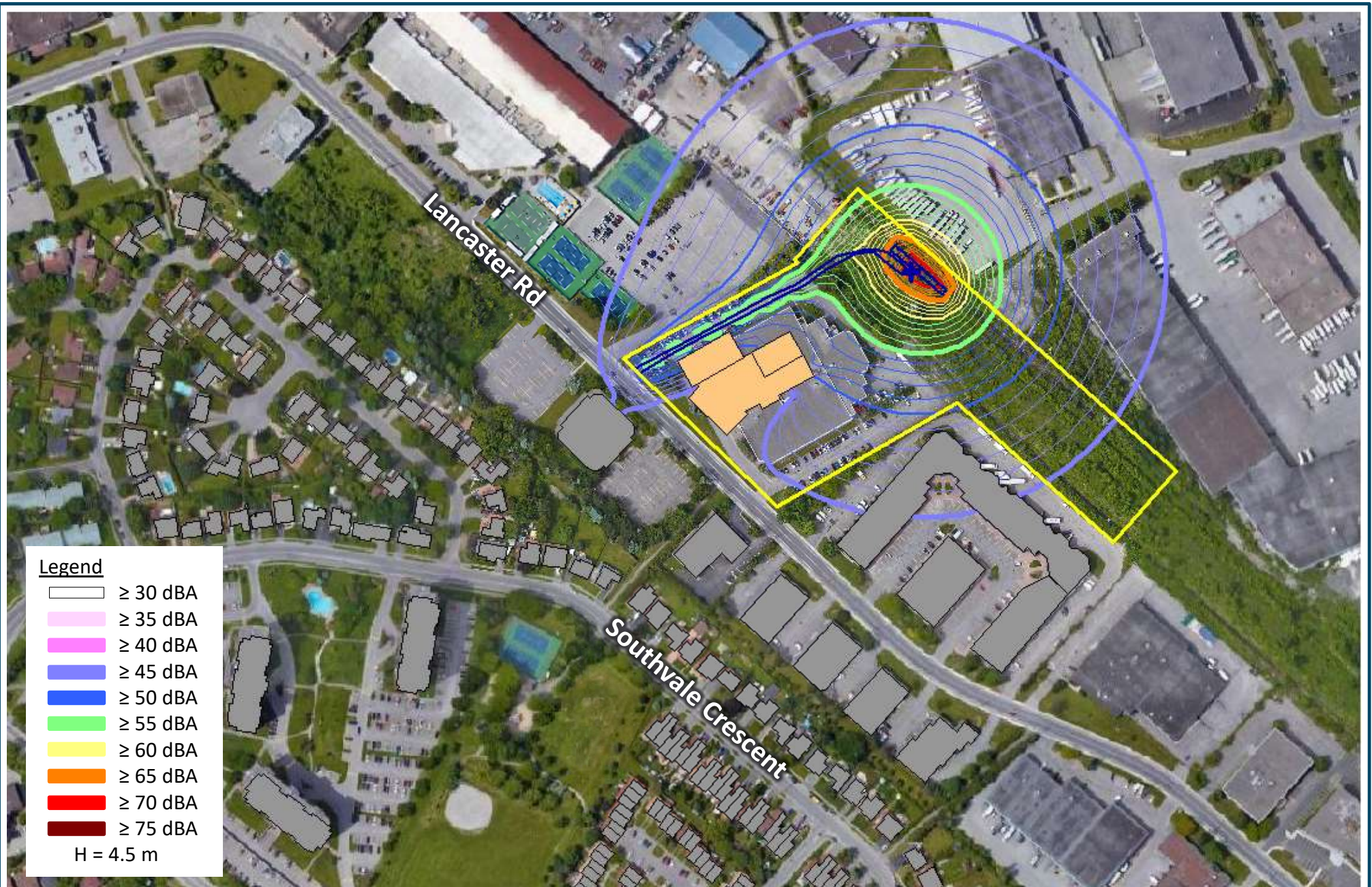







WALTERFEDY
ENBRIDGE OFFICE WAREHOUSE OTTAWA
DEVELOPMENT STATIONARY SOURCE LOCATION


	Scale: 1:1,500	METRES
	Date: Sep 13, 2020	Rev 1.0
	Project No. 241.30295.00000	
		Figure No. 3





Legend	
	≥ 30 dBA
	≥ 35 dBA
	≥ 40 dBA
	≥ 45 dBA
	≥ 50 dBA
	≥ 55 dBA
	≥ 60 dBA
	≥ 65 dBA
	≥ 70 dBA
	≥ 75 dBA
H = 4.5 m	

WALTERFEDY
ENBRIDGE OFFICE WAREHOUSE OTTAWA
MODELLED NOISE IMPACT CONTOURS – FAÇADE SOUND LEVELS – CONTINUOUS OPERATIONS

True North 	Scale: 1:3,000	METRES
	Date: Sep 13, 2021	Rev 1.0
	Project No. 241.30295.00000	
		Figure No. 4



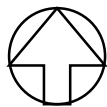


Legend

White	≥ 30 dBA
Light Blue	≥ 35 dBA
Blue	≥ 40 dBA
Dark Blue	≥ 45 dBA
Light Green	≥ 50 dBA
Green	≥ 55 dBA
Yellow	≥ 60 dBA
Orange	≥ 65 dBA
Red	≥ 70 dBA
Dark Red	≥ 75 dBA

H = 1.5 m

WALTERFEDY
ENBRIDGE OFFICE WAREHOUSE OTTAWA
MODELLER NOISE IMPACT CONTOURS – OUTDOOR POINTS OF RECEPTION – CONTINUOUS OPERATIONS

True North 	Scale:	1:1,500	METRES
	Date:	Sep 13, 2021	Rev 1.0
	Project No.	241.30295.00000	
		Figure No.	5



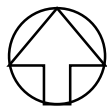


Legend

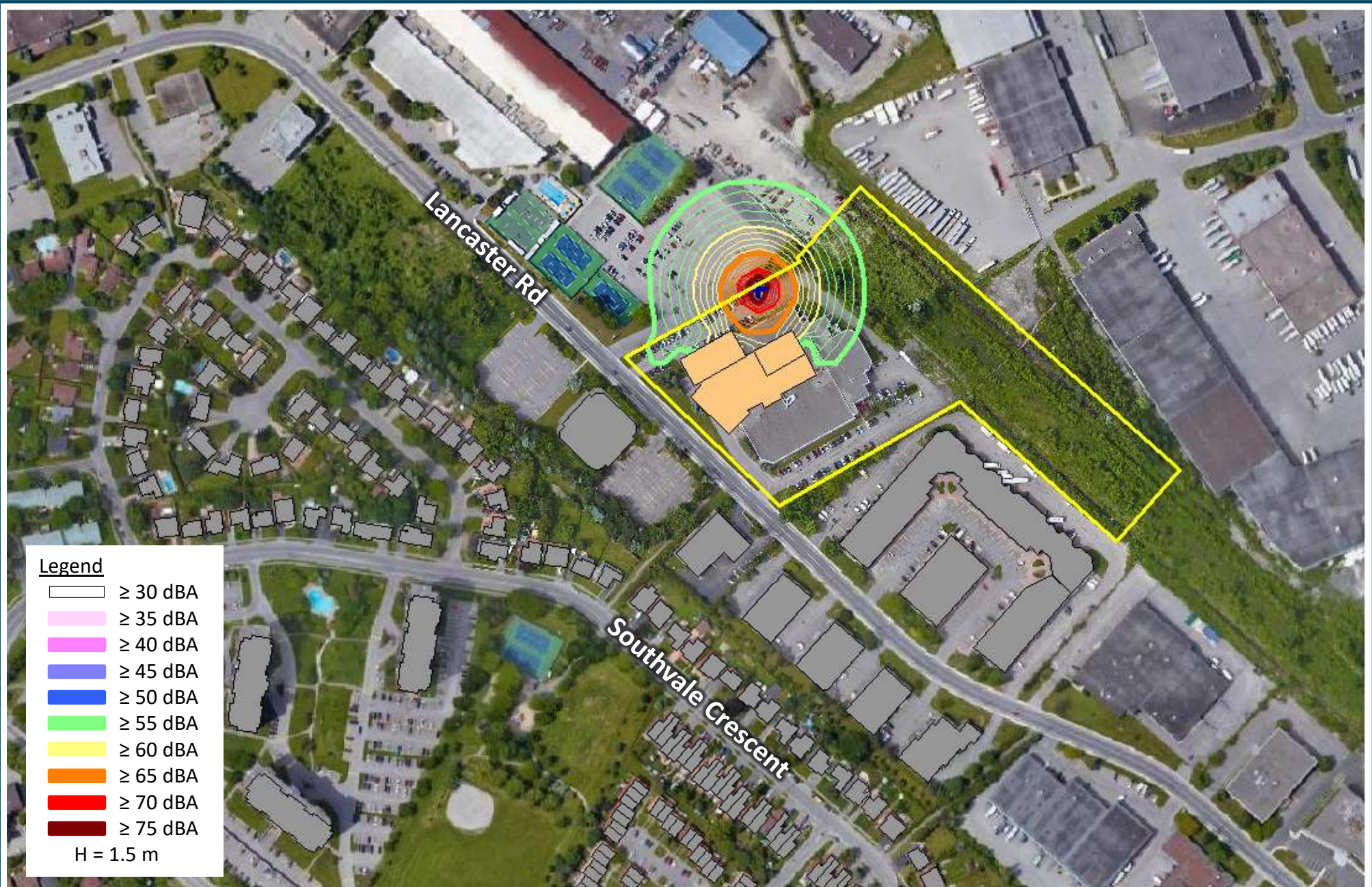
White	≥ 30 dBA
Pink	≥ 35 dBA
Magenta	≥ 40 dBA
Blue	≥ 45 dBA
Dark Blue	≥ 50 dBA
Light Green	≥ 55 dBA
Yellow	≥ 60 dBA
Orange	≥ 65 dBA
Red	≥ 70 dBA
Dark Red	≥ 75 dBA

H = 4.5 m

WALTERFEDY
ENBRIDGE OFFICE WAREHOUSE OTTAWA
MODELLED NOISE IMPACT CONTOURS – FAÇADE SOUND LEVELS – EMERGENCY GENERATOR TESTING

True North 	Scale: 1:3,000	METRES
	Date: Sep 13, 2021	Rev 1.0
	Project No. 241.30295.00000	
		Figure No. 6





Legend

	≥ 30 dBA
	≥ 35 dBA
	≥ 40 dBA
	≥ 45 dBA
	≥ 50 dBA
	≥ 55 dBA
	≥ 60 dBA
	≥ 65 dBA
	≥ 70 dBA
	≥ 75 dBA

H = 1.5 m

WALTERFEDY
ENBRIDGE OFFICE WAREHOUSE OTTAWA
MODELLED NOISE IMPACT CONTOURS – OUTDOOR POINTS OF RECEPTION – EMERGENCY GENERATOR TESTING

True North 	Scale: 1:3,000	METRES
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	Project No. 241.30295.00000	
		Figure No. 7



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APPENDIX A
Development Drawings

Environmental Noise and Vibration Assessment
Enbridge Office Warehouse Ottawa
SLR Project No.: 241.30295.00000

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APPENDIX B
Source Sound Level Data

Environmental Noise and Vibration Assessment
Enbridge Office Warehouse Ottawa
SLR Project No.: 241.30295.00000

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Table B.1: Summary of Noise Source Sound Power Levels

Source ID	Source Description	Maximum Sound Power Levels (1/1 Octave Band Levels)									Total PWL (dBA)	Notes
		32 (dB)	63 (dB)	125 (dB)	250 (dB)	500 (dB)	1000 (dB)	2000 (dB)	4000 (dB)	8000 (dB)		
Dump_Truck	Dump Truck Traffic	86	89	88	84	84	83	79	71	65	87	- based on SLR historical data - worst case traffic during 60 minute period: 2 trucks day, 2 trucks evening, 2 trucks nighttime - Trucks moving at a maximum speed of 15 km/h
Truck_Idling	Truck Idling		93	88	83	90	87	88	82	71	93	- based on SLR historical data - trucks idling for 10 min during daytime, evening and nighttime
Front_End_Loader	Front End Loader		109	103	101	104	101	95	90	88	105	- based on SLR historical data - 5 minutes of operation to load each truck - total operation of 10 minutes per hour
Material_Dump	Material Dump		93	97	94	96	97	94	93	96	102	- based on SLR historical data for sand/gravel/asphalt loading
Em_Generator	Emergency Generator		81	93	96	93	94	95	94	91	101	- based on SLR historical data for 500kW Generator housed withing acustic enclosure with a sound level rating of 76 dBA at 7m - 60 min daytime testing for daytime only

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APPENDIX C
Sample Modelling Output File

Environmental Noise and Vibration Assessment
Enbridge Office Warehouse Ottawa
SLR Project No.: 241.30295.00000

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WALTERFEDY
ENBRIDGE OFFICE WAREHOUSE OTTAWA
POINT OF RECEPTION

	Scale:	1:3,000	METRES
	Date:	Sep 13, 2021	Rev 1.0
	Project No.	241.30295.00000	
		Figure No. C.1	



Receiver
Name: POR
ID:
X: 451900.90 m
Y: 5027569.89 m
Z: 101.50 m

Point Source, ISO 9613, Name: "Emergency Generator (normal to match 76 dBA at 7m)", ID: "_em"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
1	452090.30	5027656.13	101.50	0	DEN	32	-36.3	0.0	0.0	0.0	0.0	57.4	0.0	-4.7	0.0	0.0	0.0	0.0	0.0	0.0	-89.0
1	452090.30	5027656.13	101.50	0	DEN	63	54.8	0.0	0.0	0.0	0.0	57.4	0.0	-4.7	0.0	0.0	0.0	0.0	0.0	0.0	2.1
1	452090.30	5027656.13	101.50	0	DEN	125	77.2	0.0	0.0	0.0	0.0	57.4	0.1	-3.6	0.0	0.0	0.0	0.0	0.0	0.0	23.3
1	452090.30	5027656.13	101.50	0	DEN	250	87.2	0.0	0.0	0.0	0.0	57.4	0.2	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	31.0
1	452090.30	5027656.13	101.50	0	DEN	500	89.3	0.0	0.0	0.0	0.0	57.4	0.4	-2.2	0.0	0.0	0.0	0.0	0.0	0.0	33.7
1	452090.30	5027656.13	101.50	0	DEN	1000	94.2	0.0	0.0	0.0	0.0	57.4	0.8	-3.8	0.0	0.0	0.0	0.0	0.0	0.0	39.8
1	452090.30	5027656.13	101.50	0	DEN	2000	95.8	0.0	0.0	0.0	0.0	57.4	2.0	-4.0	0.0	0.0	0.0	0.0	0.0	0.0	40.4
1	452090.30	5027656.13	101.50	0	DEN	4000	95.1	0.0	0.0	0.0	0.0	57.4	6.8	-4.0	0.0	0.0	0.0	0.0	0.0	0.0	34.9
1	452090.30	5027656.13	101.50	0	DEN	8000	90.0	0.0	0.0	0.0	0.0	57.4	24.3	-4.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3
2	452090.30	5027656.13	101.50	1	DEN	125	77.2	0.0	0.0	0.0	0.0	57.5	0.1	-3.6	0.0	0.0	0.0	0.0	2.0	2.0	21.2
2	452090.30	5027656.13	101.50	1	DEN	250	87.2	0.0	0.0	0.0	0.0	57.5	0.2	-1.4	0.0	0.0	0.0	0.0	2.0	2.0	28.8
2	452090.30	5027656.13	101.50	1	DEN	500	89.3	0.0	0.0	0.0	0.0	57.5	0.4	-2.2	0.0	0.0	0.0	0.0	2.0	2.0	31.5
2	452090.30	5027656.13	101.50	1	DEN	1000	94.2	0.0	0.0	0.0	0.0	57.5	0.8	-3.8	0.0	0.0	0.0	0.0	2.0	2.0	37.7
2	452090.30	5027656.13	101.50	1	DEN	2000	95.8	0.0	0.0	0.0	0.0	57.5	2.0	-4.0	0.0	0.0	0.0	0.0	2.0	2.0	38.3
2	452090.30	5027656.13	101.50	1	DEN	4000	95.1	0.0	0.0	0.0	0.0	57.5	6.9	-4.0	0.0	0.0	0.0	0.0	2.0	2.0	32.7
2	452090.30	5027656.13	101.50	1	DEN	8000	90.0	0.0	0.0	0.0	0.0	57.5	24.6	-4.0	0.0	0.0	0.0	0.0	2.0	2.0	9.9

Area Source, ISO 9613, Name: "Front End Loader", ID: "_cont"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
3	452206.99	5027656.27	102.00	0	D	63	59.9	0.3	-7.8	0.0	0.0	61.0	0.0	-5.0	0.0	0.0	3.0	0.0	0.0	0.0	-6.7
3	452206.99	5027656.27	102.00	0	D	125	63.8	0.3	-7.8	0.0	0.0	61.0	0.1	-3.4	0.0	0.0	3.5	0.0	0.0	0.0	-5.0
3	452206.99	5027656.27	102.00	0	D	250	69.9	0.3	-7.8	0.0	0.0	61.0	0.3	-1.3	0.0	0.0	4.0	0.0	0.0	0.0	-1.7
3	452206.99	5027656.27	102.00	0	D	500	77.8	0.3	-7.8	0.0	0.0	61.0	0.6	-2.1	0.0	0.0	4.3	0.0	0.0	0.0	6.4
3	452206.99	5027656.27	102.00	0	D	1000	78.2	0.3	-7.8	0.0	0.0	61.0	1.2	-3.9	0.0	0.0	4.6	0.0	0.0	0.0	7.8
3	452206.99	5027656.27	102.00	0	D	2000	74.0	0.3	-7.8	0.0	0.0	61.0	3.1	-4.2	0.0	0.0	4.7	0.0	0.0	0.0	1.8
3	452206.99	5027656.27	102.00	0	D	4000	68.7	0.3	-7.8	0.0	0.0	61.0	10.4	-4.2	0.0	0.0	4.9	0.0	0.0	0.0	-11.0
3	452206.99	5027656.27	102.00	0	D	8000	64.1	0.3	-7.8	0.0	0.0	61.0	37.2	-4.2	0.0	0.0	5.1	0.0	0.0	0.0	-42.6
4	452196.78	5027665.88	102.00	0	D	63	59.9	15.0	-7.8	0.0	0.0	60.9	0.0	-5.0	0.0	0.0	2.0	0.0	0.0	0.0	9.2
4	452196.78	5027665.88	102.00	0	D	125	63.8	15.0	-7.8	0.0	0.0	60.9	0.1	-3.2	0.0	0.0	2.2	0.0	0.0	0.0	11.0
4	452196.78	5027665.88	102.00	0	D	250	69.9	15.0	-7.8	0.0	0.0	60.9	0.3	-0.9	0.0	0.0	2.6	0.0	0.0	0.0	14.2
4	452196.78	5027665.88	102.00	0	D	500	77.8	15.0	-7.8	0.0	0.0	60.9	0.6	-1.8	0.0	0.0	3.1	0.0	0.0	0.0	22.3
4	452196.78	5027665.88	102.00	0	D	1000	78.2	15.0	-7.8	0.0	0.0	60.9	1.1	-3.7	0.0	0.0	3.6	0.0	0.0	0.0	23.6
4	452196.78	5027665.88	102.00	0	D	2000	74.0	15.0	-7.8	0.0	0.0	60.9	3.0	-4.0	0.0	0.0	4.0	0.0	0.0	0.0	17.3
4	452196.78	5027665.88	102.00	0	D	4000	68.7	15.0	-7.8	0.0	0.0	60.9	10.2	-4.0	0.0	0.0	4.4	0.0	0.0	0.0	4.5
4	452196.78	5027665.88	102.00	0	D	8000	64.1	15.0	-7.8	0.0	0.0	60.9	36.4	-4.0	0.0	0.0	4.6	0.0	0.0	0.0	-26.5
5	452184.27	5027677.67	102.00	0	D	63	59.9	17.8	-7.8	0.0	0.0	60.6	0.0	-5.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3
5	452184.27	5027677.67	102.00	0	D	125	63.8	17.8	-7.8	0.0	0.0	60.6	0.1	-3.4	0.0	0.0	0.0	0.0	0.0	0.0	16.5
5	452184.27	5027677.67	102.00	0	D	250	69.9	17.8	-7.8	0.0	0.0	60.6	0.3	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	20.1
5	452184.27	5027677.67	102.00	0	D	500	77.8	17.8	-7.8	0.0	0.0	60.6	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7
5	452184.27	5027677.67	102.00	0	D	1000	78.2	17.8	-7.8	0.0	0.0	60.6	1.1	-3.8	0.0	0.0	0.0	0.0	0.0	0.0	30.4
5	452184.27	5027677.67	102.00	0	D	2000	74.0	17.8	-7.8	0.0	0.0	60.6	2.9	-4.1	0.0	0.0	0.0	0.0	0.0	0.0	24.6
5	452184.27	5027677.67	102.00	0	D	4000	68.7	17.8	-7.8	0.0	0.0	60.6	9.9	-4.1	0.0	0.0	0.0	0.0	0.0	0.0	12.3
5	452184.27	5027677.67	102.00	0	D	8000	64.1	17.8	-7.8	0.0	0.0	60.6	35.4	-4.1	0.0	0.0	0.0	0.0	0.0	0.0	-17.8
6	452178.77	5027683.91	102.00	0	D	63	59.9	7.0	-7.8	0.0	0.0	60.6	0.0	-5.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
6	452178.77	5027683.91	102.00	0	D	125	63.8	7.0	-7.8	0.0	0.0	60.6	0.1	-3.4	0.0	0.0	0.0	0.0	0.0	0.0	5.8
6	452178.77	5027683.91	102.00	0	D	250	69.9	7.0	-7.8	0.0	0.0	60.6	0.3	-1.2	0.0	0.0	0.0	0.0	0.0	0.0	9.4
6	452178.77	5027683.91	102.00	0	D	500	77.8	7.0	-7.8	0.0	0.0	60.6	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9
6	452178.77	5027683.91	102.00	0	D	1000	78.2	7.0	-7.8	0.0	0.0	60.6	1.1	-3.9	0.0	0.0	0.0	0.0	0.0	0.0	19.7
6	452178.77	5027683.91	102.00	0	D	2000	74.0	7.0	-7.8	0.0	0.0	60.6	2.9	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	13.9
6	452178.77	5027683.91	102.00	0	D	4000	68.7	7.0	-7.8	0.0	0.0	60.6	9.8	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7
6	452178.77	5027683.91	102.00	0	D	8000	64.1	7.0	-7.8	0.0	0.0	60.6	35.1	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	-28.2

Area Source, ISO 9613, Name: "Front End Loader", ID: "_cont"

Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou5	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
7	452183.46	5027678.47	102.00	1	D	1000	78.2	11.0	-7.8	0.0	0.0	68.8	2.9	-5.4	0.0	0.0	25.0	0.0	2.0	-11.9
7	452183.46	5027678.47	102.00	1	D	2000	74.0	11.0	-7.8	0.0	0.0	68.8	7.5	-5.4	0.0	0.0	25.0	0.0	2.0	-20.8
7	452183.46	5027678.47	102.00	1	D	4000	68.7	11.0	-7.8	0.0	0.0	68.8	25.6	-5.4	0.0	0.0	25.0	0.0	2.0	-44.1
7	452183.46	5027678.47	102.00	1	D	8000	64.1	11.0	-7.8	0.0	0.0	68.8	91.2	-5.4	0.0	0.0	25.0	0.0	2.0	-114.4
8	452180.06	5027681.69	102.00	1	D	1000	78.2	13.9	-7.8	0.0	0.0	68.8	2.9	-5.4	0.0	0.0	25.0	0.0	2.0	-9.0
8	452180.06	5027681.69	102.00	1	D	2000	74.0	13.9	-7.8	0.0	0.0	68.8	7.5	-5.4	0.0	0.0	25.0	0.0	2.0	-17.9
8	452180.06	5027681.69	102.00	1	D	4000	68.7	13.9	-7.8	0.0	0.0	68.8	25.6	-5.4	0.0	0.0	25.0	0.0	2.0	-41.2
8	452180.06	5027681.69	102.00	1	D	8000	64.1	13.9	-7.8	0.0	0.0	68.8	91.2	-5.4	0.0	0.0	25.0	0.0	2.0	-111.4
9	452178.40	5027684.29	102.00	1	D	1000	78.2	1.6	-7.8	0.0	0.0	68.8	2.9	-5.4	0.0	0.0	25.0	0.0	2.0	-21.3
9	452178.40	5027684.29	102.00	1	D	2000	74.0	1.6	-7.8	0.0	0.0	68.8	7.5	-5.4	0.0	0.0	25.0	0.0	2.0	-30.2
9	452178.40	5027684.29	102.00	1	D	4000	68.7	1.6	-7.8	0.0	0.0	68.8	25.6	-5.4	0.0	0.0	25.0	0.0	2.0	-53.5
9	452178.40	5027684.29	102.00	1	D	8000	64.1	1.6	-7.8	0.0	0.0	68.8	91.2	-5.4	0.0	0.0	25.0	0.0	2.0	-123.8
10	452204.12	5027658.98	102.00	1	D	4000	68.7	7.4	-7.8	0.0	0.0	68.9	25.8	-5.3	0.0	0.0	25.0	0.0	2.0	-48.2
10	452204.12	5027658.98	102.00	1	D	8000	64.1	7.4	-7.8	0.0	0.0	68.9	92.1	-5.3	0.0	0.0	25.0	0.0	2.0	-119.0
11	452200.89	5027662.03	102.00	1	D	4000	68.7	4.2	-7.8	0.0	0.0	68.9	25.8	-5.3	0.0	0.0	25.0	0.0	2.0	-51.3
11	452200.89	5027662.03	102.00	1	D	8000	64.1	4.2	-7.8	0.0	0.0	68.9	92.0	-5.3	0.0	0.0	25.0	0.0	2.0	-122.1
12	452199.57	5027663.28	102.00	1	D	4000	68.7	3.2	-7.8	0.0	0.0	68.9	25.8	-5.3	0.0	0.0	25.0	0.0	2.0	-52.3
12	452199.57	5027663.28	102.00	1	D	8000	64.1	3.2	-7.8	0.0	0.0	68.9	92.0	-5.3	0.0	0.0	25.0	0.0	2.0	-123.0
13	452196.66	5027666.02	102.00	1	D	4000	68.7	10.4	-7.8	0.0	0.0	68.9	25.8	-5.3	0.0	0.0	25.0	0.0	2.0	-45.0
13	452196.66	5027666.02	102.00	1	D	8000	64.1	10.4	-7.8	0.0	0.0	68.9	91.9	-5.3	0.0	0.0	25.0	0.0	2.0	-115.7
14	452203.60	5027659.47	102.00	1	D	1000	78.2	8.4	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	19.3	0.0	2.0	-8.9
14	452203.60	5027659.47	102.00	1	D	2000	74.0	8.4	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	22.2	0.0	2.0	-20.7
14	452203.60	5027659.47	102.00	1	D	4000	68.7	8.4	-7.8	0.0	0.0	68.9	25.7	-5.3	0.0	0.0	25.0	0.0	2.0	-47.0
14	452203.60	5027659.47	102.00	1	D	8000	64.1	8.4	-7.8	0.0	0.0	68.9	91.7	-5.3	0.0	0.0	25.0	0.0	2.0	-117.6
15	452200.78	5027662.13	102.00	1	D	1000	78.2	-9.1	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	25.0	0.0	2.0	-32.2
15	452200.78	5027662.13	102.00	1	D	2000	74.0	-9.1	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	25.0	0.0	2.0	-41.1
15	452200.78	5027662.13	102.00	1	D	4000	68.7	-9.1	-7.8	0.0	0.0	68.9	25.7	-5.3	0.0	0.0	25.0	0.0	2.0	-64.5
15	452200.78	5027662.13	102.00	1	D	8000	64.1	-9.1	-7.8	0.0	0.0	68.9	91.6	-5.3	0.0	0.0	25.0	0.0	2.0	-135.0
16	452198.13	5027664.64	102.00	1	D	1000	78.2	10.2	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	25.0	0.0	2.0	-12.8
16	452198.13	5027664.64	102.00	1	D	2000	74.0	10.2	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	25.0	0.0	2.0	-21.7
16	452198.13	5027664.64	102.00	1	D	4000	68.7	10.2	-7.8	0.0	0.0	68.9	25.7	-5.3	0.0	0.0	25.0	0.0	2.0	-45.1
16	452198.13	5027664.64	102.00	1	D	8000	64.1	10.2	-7.8	0.0	0.0	68.9	91.6	-5.3	0.0	0.0	25.0	0.0	2.0	-115.6
17	452195.42	5027667.19	102.00	1	D	1000	78.2	3.9	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	25.0	0.0	2.0	-19.1
17	452195.42	5027667.19	102.00	1	D	2000	74.0	3.9	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	25.0	0.0	2.0	-28.0
17	452195.42	5027667.19	102.00	1	D	4000	68.7	3.9	-7.8	0.0	0.0	68.9	25.7	-5.3	0.0	0.0	25.0	0.0	2.0	-51.4
17	452195.42	5027667.19	102.00	1	D	8000	64.1	3.9	-7.8	0.0	0.0	68.9	91.5	-5.3	0.0	0.0	25.0	0.0	2.0	-121.9
18	452194.05	5027668.48	102.00	1	D	1000	78.2	7.4	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	25.0	0.0	2.0	-15.6
18	452194.05	5027668.48	102.00	1	D	2000	74.0	7.4	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	25.0	0.0	2.0	-24.5
18	452194.05	5027668.48	102.00	1	D	4000	68.7	7.4	-7.8	0.0	0.0	68.9	25.7	-5.3	0.0	0.0	25.0	0.0	2.0	-47.9
18	452194.05	5027668.48	102.00	1	D	8000	64.1	7.4	-7.8	0.0	0.0	68.9	91.5	-5.3	0.0	0.0	25.0	0.0	2.0	-118.4
19	452208.17	5027655.16	102.00	1	D	250	69.9	-6.5	-7.8	0.0	0.0	61.1	0.3	-0.9	0.0	0.0	4.8	0.0	2.0	-11.7
19	452208.17	5027655.16	102.00	1	D	500	77.8	-6.5	-7.8	0.0	0.0	61.1	0.6	-1.8	0.0	0.0	4.8	0.0	2.0	-3.2
19	452208.17	5027655.16	102.00	1	D	1000	78.2	-6.5	-7.8	0.0	0.0	61.1	1.2	-3.8	0.0	0.0	4.8	0.0	2.0	-1.4
19	452208.17	5027655.16	102.00	1	D	2000	74.0	-6.5	-7.8	0.0	0.0	61.1	3.1	-4.1	0.0	0.0	4.9	0.0	2.0	-7.2
19	452208.17	5027655.16	102.00	1	D	4000	68.7	-6.5	-7.8	0.0	0.0	61.1	10.5	-4.1	0.0	0.0	4.9	0.0	2.0	-20.0
19	452208.17	5027655.16	102.00	1	D	8000	64.1	-6.5	-7.8	0.0	0.0	61.1	37.6	-4.1	0.0	0.0	5.1	0.0	2.0	-51.8
20	452206.33	5027656.89	102.00	1	D	250	69.9	0.9	-7.8	0.0	0.0	61.1	0.3	-0.9	0.0	0.0	4.8	0.0	2.0	-4.3
20	452206.33	5027656.89	102.00	1	D	500	77.8	0.9	-7.8	0.0	0.0	61.1	0.6	-1.8	0.0	0.0	4.8	0.0	2.0	4.3
20	452206.33	5027656.89	102.00	1	D	1000	78.2	0.9	-7.8	0.0	0.0	61.1	1.2	-3.8	0.0	0.0	4.8	0.0	2.0	6.1
20	452206.33	5027656.89	102.00	1	D	2000	74.0	0.9	-7.8	0.0	0.0	61.1	3.1	-4.1	0.0	0.0	4.9	0.0	2.0	0.2
20	452206.33	5027656.89	102.00	1	D	4000	68.7	0.9	-7.8	0.0	0.0	61.1	10.5	-4.1	0.0	0.0	5.0	0.0	2.0	-12.6
20	452206.33	5027656.89	102.00	1	D	8000	64.1	0.9	-7.8	0.0	0.0	61.1	37.4	-4.1	0.0	0.0	5.1	0.0	2.0	-44.3
21	452196.17	5027666.46	102.00	1	D	125	63.8	15.3	-7.8	0.0	0.0	60.9	0.1	-3.3	0.0	0.0	4.8	0.0	2.0	6.8
21	452196.17	5027666.46	102.00	1	D	250	69.9	15.3	-7.8	0.0	0.0	60.9	0.3	-1.2	0.0	0.0	4.8	0.0	2.0	10.6
21	452196.17	5027666.46	102.00	1	D	500	77.8	15.3	-7.8	0.0	0.0	60.9	0.6	-2.0	0.0	0.0	4.8	0.0	2.0	19.1
21	452196.17	5027666.46	102.00	1	D	1000	78.2	15.3	-7.8	0.0	0.0	60.9	1.1	-3.8	0.0	0.0	4.8	0.0	2.0	20.7
21	452196.17	5027666.46	102.00	1	D	2000	74.0	15.3	-7.8	0.0	0.0	60.9	3.0	-4.1	0.0	0.0	4.8	0.0	2.0	14.9
21	452196.17	5027666.46	102.00	1	D	4000	68.7	15.3	-7.8	0.0	0.0	60.9	10.3	-4.1	0.0	0.0	4.8	0.0	2.0	2.3
21	452196.17	5027666.46	102.00	1	D	8000	64.1	15.3	-7.8	0.0	0.0	60.9	36.6	-4.1	0.0	0.0	4.9	0.0	2.0	-28.7
22	452183.95	5027677.97	102.00	1	D	125	63.8	17.6	-7.8	0.0	0.0	60.7	0.1	-3.5	0.0	0.0	0.0	0.0	2.0	14.4
22	452183.95	5027677.97	102.00	1	D	250	69.9	17.6	-7.8	0.0	0.0	60.7	0.3	-1.5	0.0	0.0	0.0	0.0	2.0	18.3
22	452183.95	5027677.97	102.00	1	D	500	77.8	17.6	-7.8	0.0	0.0	60.7	0.6	-2.3	0.0	0.0	0.0	0.0	2.0	26.7
22	452183.95	5027677.97	102.00	1	D	1000	78.2	17.6	-7.8	0.0	0.0	60.7	1.1	-4.0	0.0	0.0	0.0	0.0	2.0	28.2

Area Source, ISO 9613, Name: "Front End Loader", ID: "_cont"

Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
22	452183.95	5027677.97	102.00	1	D	2000	74.0	17.6	-7.8	0.0	0.0	60.7	3.0	-4.2	0.0	0.0	0.0	0.0	2.0	22.4
22	452183.95	5027677.97	102.00	1	D	4000	68.7	17.6	-7.8	0.0	0.0	60.7	10.0	-4.2	0.0	0.0	0.0	0.0	2.0	10.1
22	452183.95	5027677.97	102.00	1	D	8000	64.1	17.6	-7.8	0.0	0.0	60.7	35.7	-4.2	0.0	0.0	0.0	0.0	2.0	-20.2
23	452178.76	5027683.92	102.00	1	D	125	63.8	7.0	-7.8	0.0	0.0	60.6	0.1	-3.6	0.0	0.0	0.0	0.0	2.0	3.8
23	452178.76	5027683.92	102.00	1	D	250	69.9	7.0	-7.8	0.0	0.0	60.6	0.3	-1.5	0.0	0.0	0.0	0.0	2.0	7.7
23	452178.76	5027683.92	102.00	1	D	500	77.8	7.0	-7.8	0.0	0.0	60.6	0.6	-2.3	0.0	0.0	0.0	0.0	2.0	16.1
23	452178.76	5027683.92	102.00	1	D	1000	78.2	7.0	-7.8	0.0	0.0	60.6	1.1	-4.0	0.0	0.0	0.0	0.0	2.0	17.6
23	452178.76	5027683.92	102.00	1	D	2000	74.0	7.0	-7.8	0.0	0.0	60.6	2.9	-4.2	0.0	0.0	0.0	0.0	2.0	11.9
23	452178.76	5027683.92	102.00	1	D	4000	68.7	7.0	-7.8	0.0	0.0	60.6	9.9	-4.2	0.0	0.0	0.0	0.0	2.0	-0.4
23	452178.76	5027683.92	102.00	1	D	8000	64.1	7.0	-7.8	0.0	0.0	60.6	35.4	-4.2	0.0	0.0	0.0	0.0	2.0	-30.5
24	452186.58	5027675.49	102.00	1	D	500	77.8	11.6	-7.8	0.0	0.0	61.0	0.6	-1.9	0.0	0.0	14.5	0.0	2.0	5.5
24	452186.58	5027675.49	102.00	1	D	1000	78.2	11.6	-7.8	0.0	0.0	61.0	1.2	-3.8	0.0	0.0	18.6	0.0	2.0	3.1
24	452186.58	5027675.49	102.00	1	D	2000	74.0	11.6	-7.8	0.0	0.0	61.0	3.0	-4.0	0.0	0.0	22.1	0.0	2.0	-6.3
24	452186.58	5027675.49	102.00	1	D	4000	68.7	11.6	-7.8	0.0	0.0	61.0	10.3	-4.0	0.0	0.0	25.0	0.0	2.0	-21.7
24	452186.58	5027675.49	102.00	1	D	8000	64.1	11.6	-7.8	0.0	0.0	61.0	36.8	-4.0	0.0	0.0	25.0	0.0	2.0	-52.8
25	452181.90	5027679.96	102.00	1	D	2000	74.0	-3.0	-7.8	0.0	0.0	60.9	3.0	-4.1	0.0	0.0	13.0	0.0	2.0	-11.6
25	452181.90	5027679.96	102.00	1	D	4000	68.7	-3.0	-7.8	0.0	0.0	60.9	10.3	-4.1	0.0	0.0	15.7	0.0	2.0	-26.8
25	452181.90	5027679.96	102.00	1	D	8000	64.1	-3.0	-7.8	0.0	0.0	60.9	36.6	-4.1	0.0	0.0	18.5	0.0	2.0	-60.6
26	452179.79	5027681.96	102.00	1	D	2000	74.0	13.7	-7.8	0.0	0.0	60.9	3.0	-4.1	0.0	0.0	13.1	0.0	2.0	5.0
26	452179.79	5027681.96	102.00	1	D	4000	68.7	13.7	-7.8	0.0	0.0	60.9	10.3	-4.1	0.0	0.0	15.8	0.0	2.0	-10.2
26	452179.79	5027681.96	102.00	1	D	8000	64.1	13.7	-7.8	0.0	0.0	60.9	36.6	-4.1	0.0	0.0	18.6	0.0	2.0	-44.0
27	452178.29	5027684.41	102.00	1	D	2000	74.0	-5.0	-7.8	0.0	0.0	60.9	3.0	-4.1	0.0	0.0	13.2	0.0	2.0	-13.8
27	452178.29	5027684.41	102.00	1	D	4000	68.7	-5.0	-7.8	0.0	0.0	60.9	10.3	-4.1	0.0	0.0	15.9	0.0	2.0	-29.1
27	452178.29	5027684.41	102.00	1	D	8000	64.1	-5.0	-7.8	0.0	0.0	60.9	36.7	-4.1	0.0	0.0	18.7	0.0	2.0	-62.9
28	452188.68	5027676.57	102.00	0	D	63	59.9	12.3	-7.8	0.0	0.0	60.7	0.0	-5.0	0.0	0.0	0.0	0.0	0.0	8.6
28	452188.68	5027676.57	102.00	0	D	125	63.8	12.3	-7.8	0.0	0.0	60.7	0.1	-3.4	0.0	0.0	0.0	0.0	0.0	10.9
28	452188.68	5027676.57	102.00	0	D	250	69.9	12.3	-7.8	0.0	0.0	60.7	0.3	-1.3	0.0	0.0	0.0	0.0	0.0	14.7
28	452188.68	5027676.57	102.00	0	D	500	77.8	12.3	-7.8	0.0	0.0	60.7	0.6	-2.1	0.0	0.0	0.0	0.0	0.0	23.1
28	452188.68	5027676.57	102.00	0	D	1000	78.2	12.3	-7.8	0.0	0.0	60.7	1.1	-3.9	0.0	0.0	0.0	0.0	0.0	24.8
28	452188.68	5027676.57	102.00	0	D	2000	74.0	12.3	-7.8	0.0	0.0	60.7	3.0	-4.2	0.0	0.0	0.0	0.0	0.0	19.0
28	452188.68	5027676.57	102.00	0	D	4000	68.7	12.3	-7.8	0.0	0.0	60.7	10.1	-4.2	0.0	0.0	0.0	0.0	0.0	6.6
28	452188.68	5027676.57	102.00	0	D	8000	64.1	12.3	-7.8	0.0	0.0	60.7	35.9	-4.2	0.0	0.0	0.0	0.0	0.0	-23.8
29	452201.61	5027664.19	102.00	0	D	63	59.9	17.3	-7.8	0.0	0.0	61.0	0.0	-5.0	0.0	0.0	2.3	0.0	0.0	11.2
29	452201.61	5027664.19	102.00	0	D	125	63.8	17.3	-7.8	0.0	0.0	61.0	0.1	-3.2	0.0	0.0	2.6	0.0	0.0	12.8
29	452201.61	5027664.19	102.00	0	D	250	69.9	17.3	-7.8	0.0	0.0	61.0	0.3	-0.9	0.0	0.0	3.1	0.0	0.0	15.9
29	452201.61	5027664.19	102.00	0	D	500	77.8	17.3	-7.8	0.0	0.0	61.0	0.6	-1.8	0.0	0.0	3.6	0.0	0.0	24.0
29	452201.61	5027664.19	102.00	0	D	1000	78.2	17.3	-7.8	0.0	0.0	61.0	1.2	-3.7	0.0	0.0	4.0	0.0	0.0	25.3
29	452201.61	5027664.19	102.00	0	D	2000	74.0	17.3	-7.8	0.0	0.0	61.0	3.0	-4.0	0.0	0.0	4.4	0.0	0.0	19.2
29	452201.61	5027664.19	102.00	0	D	4000	68.7	17.3	-7.8	0.0	0.0	61.0	10.3	-4.0	0.0	0.0	4.6	0.0	0.0	6.4
29	452201.61	5027664.19	102.00	0	D	8000	64.1	17.3	-7.8	0.0	0.0	61.0	36.8	-4.0	0.0	0.0	4.7	0.0	0.0	-24.9
30	452208.94	5027657.17	102.00	0	D	63	59.9	9.1	-7.8	0.0	0.0	61.1	0.0	-5.0	0.0	0.0	3.0	0.0	0.0	2.1
30	452208.94	5027657.17	102.00	0	D	125	63.8	9.1	-7.8	0.0	0.0	61.1	0.1	-3.4	0.0	0.0	3.5	0.0	0.0	3.8
30	452208.94	5027657.17	102.00	0	D	250	69.9	9.1	-7.8	0.0	0.0	61.1	0.3	-1.3	0.0	0.0	3.9	0.0	0.0	7.1
30	452208.94	5027657.17	102.00	0	D	500	77.8	9.1	-7.8	0.0	0.0	61.1	0.6	-2.1	0.0	0.0	4.3	0.0	0.0	15.2
30	452208.94	5027657.17	102.00	0	D	1000	78.2	9.1	-7.8	0.0	0.0	61.1	1.2	-3.9	0.0	0.0	4.6	0.0	0.0	16.6
30	452208.94	5027657.17	102.00	0	D	2000	74.0	9.1	-7.8	0.0	0.0	61.1	3.1	-4.2	0.0	0.0	4.7	0.0	0.0	10.5
30	452208.94	5027657.17	102.00	0	D	4000	68.7	9.1	-7.8	0.0	0.0	61.1	10.5	-4.2	0.0	0.0	4.9	0.0	0.0	-2.3
30	452208.94	5027657.17	102.00	0	D	8000	64.1	9.1	-7.8	0.0	0.0	61.1	37.4	-4.2	0.0	0.0	5.1	0.0	0.0	-34.1
31	452209.55	5027655.68	102.00	0	D	63	59.9	6.3	-7.8	0.0	0.0	61.1	0.0	-5.0	0.0	0.0	3.1	0.0	0.0	-0.8
31	452209.55	5027655.68	102.00	0	D	125	63.8	6.3	-7.8	0.0	0.0	61.1	0.1	-3.4	0.0	0.0	3.6	0.0	0.0	0.9
31	452209.55	5027655.68	102.00	0	D	250	69.9	6.3	-7.8	0.0	0.0	61.1	0.3	-1.3	0.0	0.0	4.0	0.0	0.0	4.2
31	452209.55	5027655.68	102.00	0	D	500	77.8	6.3	-7.8	0.0	0.0	61.1	0.6	-2.1	0.0	0.0	4.4	0.0	0.0	12.4
31	452209.55	5027655.68	102.00	0	D	1000	78.2	6.3	-7.8	0.0	0.0	61.1	1.2	-3.9	0.0	0.0	4.6	0.0	0.0	13.8
31	452209.55	5027655.68	102.00	0	D	2000	74.0	6.3	-7.8	0.0	0.0	61.1	3.1	-4.2	0.0	0.0	4.7	0.0	0.0	7.7
31	452209.55	5027655.68	102.00	0	D	4000	68.7	6.3	-7.8	0.0	0.0	61.1	10.5	-4.2	0.0	0.0	4.9	0.0	0.0	-5.1
31	452209.55	5027655.68	102.00	0	D	8000	64.1	6.3	-7.8	0.0	0.0	61.1	37.4	-4.2	0.0	0.0	5.1	0.0	0.0	-36.8
32	452182.38	5027682.59	102.00	1	D	1000	78.2	2.7	-7.8	0.0	0.0	68.9	2.9	-5.4	0.0	0.0	25.0	0.0	2.0	-20.2
32	452182.38	5027682.59	102.00	1	D	2000	74.0	2.7	-7.8	0.0	0.0	68.9	7.6	-5.4	0.0	0.0	25.0	0.0	2.0	-29.1
32	452182.38	5027682.59	102.00	1	D	4000	68.7	2.7	-7.8	0.0	0.0	68.9	25.6	-5.4	0.0	0.0	25.0	0.0	2.0	-52.5
32	452182.38	5027682.59	102.00	1	D	8000	64.1	2.7	-7.8	0.0	0.0	68.9	91.5	-5.4	0.0	0.0	25.0	0.0	2.0	-122.9
33	452185.26	5027679.83	102.00	1	D	1000	78.2	4.0	-7.8	0.0	0.0	68.9	2.9	-5.4	0.0	0.0	25.0	0.0	2.0	-19.0
33	452185.26	5027679.83	102.00	1	D	2000	74.0	4.0	-7.8	0.0	0.0	68.9	7.6	-5.4	0.0	0.0	25.0	0.0	2.0	-27.9
33	452185.26	5027679.83	102.00	1	D	4000	68.7	4.0	-7.8	0.0	0.0	68.9	25.7	-5.4	0.0	0.0	25.0	0.0	2.0	-51.3

Area Source, ISO 9613, Name: "Front End Loader", ID: "_cont"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
33	452185.26	5027679.83	102.00	1	D	8000	64.1	4.0	-7.8	0.0	0.0	68.9	91.5	-5.4	0.0	0.0	25.0	0.0	2.0	-121.7
34	452198.51	5027667.12	102.00	1	D	4000	68.7	11.6	-7.8	0.0	0.0	68.9	25.8	-5.3	0.0	0.0	25.0	0.0	2.0	-43.9
34	452198.51	5027667.12	102.00	1	D	8000	64.1	11.6	-7.8	0.0	0.0	68.9	92.2	-5.3	0.0	0.0	25.0	0.0	2.0	-114.8
35	452201.20	5027664.54	102.00	1	D	4000	68.7	6.1	-7.8	0.0	0.0	68.9	25.9	-5.3	0.0	0.0	25.0	0.0	2.0	-49.5
35	452201.20	5027664.54	102.00	1	D	8000	64.1	6.1	-7.8	0.0	0.0	68.9	92.2	-5.3	0.0	0.0	25.0	0.0	2.0	-120.4
36	452202.53	5027663.26	102.00	1	D	4000	68.7	8.0	-7.8	0.0	0.0	68.9	25.9	-5.3	0.0	0.0	25.0	0.0	2.0	-47.6
36	452202.53	5027663.26	102.00	1	D	8000	64.1	8.0	-7.8	0.0	0.0	68.9	92.2	-5.3	0.0	0.0	25.0	0.0	2.0	-118.6
37	452206.64	5027659.33	102.00	1	D	4000	68.7	14.7	-7.8	0.0	0.0	69.0	25.9	-5.3	0.0	0.0	25.0	0.0	2.0	-40.9
37	452206.64	5027659.33	102.00	1	D	8000	64.1	14.7	-7.8	0.0	0.0	69.0	92.3	-5.3	0.0	0.0	25.0	0.0	2.0	-111.9
38	452195.72	5027669.80	102.00	1	D	1000	78.2	7.0	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	25.0	0.0	2.0	-16.0
38	452195.72	5027669.80	102.00	1	D	2000	74.0	7.0	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	25.0	0.0	2.0	-24.9
38	452195.72	5027669.80	102.00	1	D	4000	68.7	7.0	-7.8	0.0	0.0	68.9	25.7	-5.3	0.0	0.0	25.0	0.0	2.0	-48.3
38	452195.72	5027669.80	102.00	1	D	8000	64.1	7.0	-7.8	0.0	0.0	68.9	91.8	-5.3	0.0	0.0	25.0	0.0	2.0	-119.0
39	452197.05	5027668.52	102.00	1	D	1000	78.2	4.3	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	25.0	0.0	2.0	-18.7
39	452197.05	5027668.52	102.00	1	D	2000	74.0	4.3	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	25.0	0.0	2.0	-27.6
39	452197.05	5027668.52	102.00	1	D	4000	68.7	4.3	-7.8	0.0	0.0	68.9	25.7	-5.3	0.0	0.0	25.0	0.0	2.0	-51.1
39	452197.05	5027668.52	102.00	1	D	8000	64.1	4.3	-7.8	0.0	0.0	68.9	91.8	-5.3	0.0	0.0	25.0	0.0	2.0	-121.7
40	452200.01	5027665.69	102.00	1	D	1000	78.2	12.3	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	25.0	0.0	2.0	-10.8
40	452200.01	5027665.69	102.00	1	D	2000	74.0	12.3	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	25.0	0.0	2.0	-19.7
40	452200.01	5027665.69	102.00	1	D	4000	68.7	12.3	-7.8	0.0	0.0	68.9	25.7	-5.3	0.0	0.0	25.0	0.0	2.0	-43.1
40	452200.01	5027665.69	102.00	1	D	8000	64.1	12.3	-7.8	0.0	0.0	68.9	91.8	-5.3	0.0	0.0	25.0	0.0	2.0	-113.8
41	452202.37	5027663.42	102.00	1	D	1000	78.2	-5.4	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	25.0	0.0	2.0	-28.5
41	452202.37	5027663.42	102.00	1	D	2000	74.0	-5.4	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	25.0	0.0	2.0	-37.4
41	452202.37	5027663.42	102.00	1	D	4000	68.7	-5.4	-7.8	0.0	0.0	68.9	25.8	-5.3	0.0	0.0	25.0	0.0	2.0	-60.9
41	452202.37	5027663.42	102.00	1	D	8000	64.1	-5.4	-7.8	0.0	0.0	68.9	91.9	-5.3	0.0	0.0	25.0	0.0	2.0	-131.6
42	452206.55	5027659.41	102.00	1	D	1000	78.2	15.6	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	19.2	0.0	2.0	-1.7
42	452206.55	5027659.41	102.00	1	D	2000	74.0	15.6	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	22.2	0.0	2.0	-13.6
42	452206.55	5027659.41	102.00	1	D	4000	68.7	15.6	-7.8	0.0	0.0	68.9	25.8	-5.3	0.0	0.0	25.0	0.0	2.0	-39.9
42	452206.55	5027659.41	102.00	1	D	8000	64.1	15.6	-7.8	0.0	0.0	68.9	92.0	-5.3	0.0	0.0	25.0	0.0	2.0	-110.7
43	452209.93	5027655.27	102.00	1	D	1000	78.2	0.2	-7.8	0.0	0.0	68.9	2.9	-5.3	0.0	0.0	19.2	0.0	2.0	-17.2
43	452209.93	5027655.27	102.00	1	D	2000	74.0	0.2	-7.8	0.0	0.0	68.9	7.6	-5.3	0.0	0.0	22.2	0.0	2.0	-29.0
43	452209.93	5027655.27	102.00	1	D	4000	68.7	0.2	-7.8	0.0	0.0	68.9	25.8	-5.3	0.0	0.0	25.0	0.0	2.0	-55.3
43	452209.93	5027655.27	102.00	1	D	8000	64.1	0.2	-7.8	0.0	0.0	68.9	92.0	-5.3	0.0	0.0	25.0	0.0	2.0	-126.1
44	452188.16	5027677.06	102.00	1	D	125	63.8	11.8	-7.8	0.0	0.0	60.8	0.1	-3.4	0.0	0.0	0.0	0.0	2.0	8.3
44	452188.16	5027677.06	102.00	1	D	250	69.9	11.8	-7.8	0.0	0.0	60.8	0.3	-1.2	0.0	0.0	0.0	0.0	2.0	12.1
44	452188.16	5027677.06	102.00	1	D	500	77.8	11.8	-7.8	0.0	0.0	60.8	0.6	-2.1	0.0	0.0	0.0	0.0	2.0	20.5
44	452188.16	5027677.06	102.00	1	D	1000	78.2	11.8	-7.8	0.0	0.0	60.8	1.1	-3.9	0.0	0.0	0.0	0.0	2.0	22.2
44	452188.16	5027677.06	102.00	1	D	2000	74.0	11.8	-7.8	0.0	0.0	60.8	3.0	-4.1	0.0	0.0	0.0	0.0	2.0	16.4
44	452188.16	5027677.06	102.00	1	D	4000	68.7	11.8	-7.8	0.0	0.0	60.8	10.1	-4.1	0.0	0.0	0.0	0.0	2.0	3.9
44	452188.16	5027677.06	102.00	1	D	8000	64.1	11.8	-7.8	0.0	0.0	60.8	36.1	-4.1	0.0	0.0	0.0	0.0	2.0	-26.7
45	452200.98	5027664.78	102.00	1	D	125	63.8	17.2	-7.8	0.0	0.0	61.0	0.1	-3.3	0.0	0.0	4.8	0.0	2.0	8.7
45	452200.98	5027664.78	102.00	1	D	250	69.9	17.2	-7.8	0.0	0.0	61.0	0.3	-1.2	0.0	0.0	4.8	0.0	2.0	12.4
45	452200.98	5027664.78	102.00	1	D	500	77.8	17.2	-7.8	0.0	0.0	61.0	0.6	-2.0	0.0	0.0	4.8	0.0	2.0	20.9
45	452200.98	5027664.78	102.00	1	D	1000	78.2	17.2	-7.8	0.0	0.0	61.0	1.2	-3.8	0.0	0.0	4.8	0.0	2.0	22.5
45	452200.98	5027664.78	102.00	1	D	2000	74.0	17.2	-7.8	0.0	0.0	61.0	3.1	-4.1	0.0	0.0	4.8	0.0	2.0	16.7
45	452200.98	5027664.78	102.00	1	D	4000	68.7	17.2	-7.8	0.0	0.0	61.0	10.4	-4.1	0.0	0.0	4.8	0.0	2.0	4.0
45	452200.98	5027664.78	102.00	1	D	8000	64.1	17.2	-7.8	0.0	0.0	61.0	37.1	-4.1	0.0	0.0	4.9	0.0	2.0	-27.3
46	452208.67	5027657.43	102.00	1	D	250	69.9	10.4	-7.8	0.0	0.0	61.2	0.3	-0.9	0.0	0.0	4.8	0.0	2.0	5.1
46	452208.67	5027657.43	102.00	1	D	500	77.8	10.4	-7.8	0.0	0.0	61.2	0.6	-1.8	0.0	0.0	4.8	0.0	2.0	13.7
46	452208.67	5027657.43	102.00	1	D	1000	78.2	10.4	-7.8	0.0	0.0	61.2	1.2	-3.8	0.0	0.0	4.8	0.0	2.0	15.5
46	452208.67	5027657.43	102.00	1	D	2000	74.0	10.4	-7.8	0.0	0.0	61.2	3.1	-4.1	0.0	0.0	4.9	0.0	2.0	9.6
46	452208.67	5027657.43	102.00	1	D	4000	68.7	10.4	-7.8	0.0	0.0	61.2	10.6	-4.1	0.0	0.0	4.9	0.0	2.0	-3.3
46	452208.67	5027657.43	102.00	1	D	8000	64.1	10.4	-7.8	0.0	0.0	61.2	37.7	-4.1	0.0	0.0	5.1	0.0	2.0	-35.1
47	452209.72	5027656.31	102.00	1	D	250	69.9	-1.5	-7.8	0.0	0.0	61.2	0.3	-0.9	0.0	0.0	4.8	0.0	2.0	-6.8
47	452209.72	5027656.31	102.00	1	D	500	77.8	-1.5	-7.8	0.0	0.0	61.2	0.6	-1.8	0.0	0.0	4.8	0.0	2.0	1.8
47	452209.72	5027656.31	102.00	1	D	1000	78.2	-1.5	-7.8	0.0	0.0	61.2	1.2	-3.8	0.0	0.0	4.8	0.0	2.0	3.6
47	452209.72	5027656.31	102.00	1	D	2000	74.0	-1.5	-7.8	0.0	0.0	61.2	3.1	-4.1	0.0	0.0	4.9	0.0	2.0	-2.3
47	452209.72	5027656.31	102.00	1	D	4000	68.7	-1.5	-7.8	0.0	0.0	61.2	10.6	-4.1	0.0	0.0	4.9	0.0	2.0	-15.2
47	452209.72	5027656.31	102.00	1	D	8000	64.1	-1.5	-7.8	0.0	0.0	61.2	37.8	-4.1	0.0	0.0	5.1	0.0	2.0	-47.1
48	452209.52	5027655.54	102.00	1	D	250	69.9	5.5	-7.8	0.0	0.0	61.2	0.3	-0.9	0.0	0.0	4.8	0.0	2.0	0.2
48	452209.52	5027655.54	102.00	1	D	500	77.8	5.5	-7.8	0.0	0.0	61.2	0.6	-1.8	0.0	0.0	4.8	0.0	2.0	8.7
48	452209.52	5027655.54	102.00	1	D	1000	78.2	5.5	-7.8	0.0	0.0	61.2	1.2	-3.8	0.0	0.0	4.8	0.0	2.0	10.5
48	452209.52	5027655.54	102.00	1	D	2000	74.0	5.5	-7.8	0.0	0.0	61.2	3.1	-4.1	0.0	0.0	4.9	0.0	2.0	4.7

Area Source, ISO 9613, Name: "Front End Loader", ID: "_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
48	452209.52	5027655.54	102.00	1	D	4000	68.7	5.5	-7.8	0.0	0.0	61.2	10.6	-4.1	0.0	0.0	4.9	0.0	2.0	-8.2
48	452209.52	5027655.54	102.00	1	D	8000	64.1	5.5	-7.8	0.0	0.0	61.2	37.7	-4.1	0.0	0.0	5.1	0.0	2.0	-40.1
49	452189.00	5027676.25	102.00	1	D	500	77.8	7.2	-7.8	0.0	0.0	61.0	0.6	-1.9	0.0	0.0	14.5	0.0	2.0	1.0
49	452189.00	5027676.25	102.00	1	D	1000	78.2	7.2	-7.8	0.0	0.0	61.0	1.2	-3.8	0.0	0.0	18.6	0.0	2.0	-1.4
49	452189.00	5027676.25	102.00	1	D	2000	74.0	7.2	-7.8	0.0	0.0	61.0	3.1	-4.1	0.0	0.0	22.1	0.0	2.0	-10.7
49	452189.00	5027676.25	102.00	1	D	4000	68.7	7.2	-7.8	0.0	0.0	61.0	10.4	-4.1	0.0	0.0	25.0	0.0	2.0	-26.2
49	452189.00	5027676.25	102.00	1	D	8000	64.1	7.2	-7.8	0.0	0.0	61.0	37.1	-4.1	0.0	0.0	25.0	0.0	2.0	-57.5
50	452182.01	5027682.94	102.00	1	D	2000	74.0	1.7	-7.8	0.0	0.0	61.0	3.1	-4.1	0.0	0.0	13.0	0.0	2.0	-7.0
50	452182.01	5027682.94	102.00	1	D	4000	68.7	1.7	-7.8	0.0	0.0	61.0	10.3	-4.1	0.0	0.0	15.6	0.0	2.0	-22.3
50	452182.01	5027682.94	102.00	1	D	8000	64.1	1.7	-7.8	0.0	0.0	61.0	36.9	-4.1	0.0	0.0	18.5	0.0	2.0	-56.2
51	452183.44	5027681.57	102.00	1	D	2000	74.0	-11.8	-7.8	0.0	0.0	61.0	3.1	-4.1	0.0	0.0	12.9	0.0	2.0	-20.4
51	452183.44	5027681.57	102.00	1	D	4000	68.7	-11.8	-7.8	0.0	0.0	61.0	10.3	-4.1	0.0	0.0	15.6	0.0	2.0	-35.6
51	452183.44	5027681.57	102.00	1	D	8000	64.1	-11.8	-7.8	0.0	0.0	61.0	36.9	-4.1	0.0	0.0	18.4	0.0	2.0	-69.6

Point Source, ISO 9613, Name: "Idling Truck", ID: "_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
52	452189.59	5027667.86	102.50	0	D	32	-20.4	0.0	-7.8	0.0	0.0	60.7	0.0	-4.8	0.0	0.0	1.8	0.0	0.0	-85.9
52	452189.59	5027667.86	102.50	0	D	63	66.8	0.0	-7.8	0.0	0.0	60.7	0.0	-4.8	0.0	0.0	1.8	0.0	0.0	1.3
52	452189.59	5027667.86	102.50	0	D	125	71.9	0.0	-7.8	0.0	0.0	60.7	0.1	-3.1	0.0	0.0	1.9	0.0	0.0	4.5
52	452189.59	5027667.86	102.50	0	D	250	74.4	0.0	-7.8	0.0	0.0	60.7	0.3	-0.7	0.0	0.0	1.9	0.0	0.0	4.3
52	452189.59	5027667.86	102.50	0	D	500	86.8	0.0	-7.8	0.0	0.0	60.7	0.6	-1.6	0.0	0.0	2.1	0.0	0.0	17.2
52	452189.59	5027667.86	102.50	0	D	1000	87.0	0.0	-7.8	0.0	0.0	60.7	1.1	-3.6	0.0	0.0	2.4	0.0	0.0	18.6
52	452189.59	5027667.86	102.50	0	D	2000	89.2	0.0	-7.8	0.0	0.0	60.7	2.9	-3.9	0.0	0.0	2.8	0.0	0.0	18.8
52	452189.59	5027667.86	102.50	0	D	4000	83.0	0.0	-7.8	0.0	0.0	60.7	10.0	-3.9	0.0	0.0	3.3	0.0	0.0	5.1
52	452189.59	5027667.86	102.50	0	D	8000	69.9	0.0	-7.8	0.0	0.0	60.7	35.6	-3.9	0.0	0.0	3.8	0.0	0.0	-34.2
53	452189.59	5027667.86	102.50	1	D	125	71.9	0.0	-7.8	0.0	0.0	60.8	0.1	-3.2	0.0	0.0	4.8	0.0	2.0	-0.4
53	452189.59	5027667.86	102.50	1	D	250	74.4	0.0	-7.8	0.0	0.0	60.8	0.3	-1.0	0.0	0.0	4.8	0.0	2.0	-0.3
53	452189.59	5027667.86	102.50	1	D	500	86.8	0.0	-7.8	0.0	0.0	60.8	0.6	-1.9	0.0	0.0	4.8	0.0	2.0	12.7
53	452189.59	5027667.86	102.50	1	D	1000	87.0	0.0	-7.8	0.0	0.0	60.8	1.1	-3.6	0.0	0.0	4.8	0.0	2.0	14.2
53	452189.59	5027667.86	102.50	1	D	2000	89.2	0.0	-7.8	0.0	0.0	60.8	3.0	-3.9	0.0	0.0	4.8	0.0	2.0	14.8
53	452189.59	5027667.86	102.50	1	D	4000	83.0	0.0	-7.8	0.0	0.0	60.8	10.1	-3.9	0.0	0.0	4.8	0.0	2.0	1.5
53	452189.59	5027667.86	102.50	1	D	8000	69.9	0.0	-7.8	0.0	0.0	60.8	35.9	-3.9	0.0	0.0	4.8	0.0	2.0	-37.5

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
54	452035.39	5027618.47	102.50	0	DEN	32	20.1	15.7	0.0	0.0	0.0	54.1	0.0	-3.5	0.0	0.0	0.0	0.0	0.0	-14.9
54	452035.39	5027618.47	102.50	0	DEN	63	36.5	15.7	0.0	0.0	0.0	54.1	0.0	-3.5	0.0	0.0	0.0	0.0	0.0	1.5
54	452035.39	5027618.47	102.50	0	DEN	125	46.3	15.7	0.0	0.0	0.0	54.1	0.1	-1.6	0.0	0.0	0.0	0.0	0.0	9.4
54	452035.39	5027618.47	102.50	0	DEN	250	49.2	15.7	0.0	0.0	0.0	54.1	0.1	1.7	0.0	0.0	0.0	0.0	0.0	8.9
54	452035.39	5027618.47	102.50	0	DEN	500	54.4	15.7	0.0	0.0	0.0	54.1	0.3	-0.3	0.0	0.0	0.0	0.0	0.0	16.0
54	452035.39	5027618.47	102.50	0	DEN	1000	56.9	15.7	0.0	0.0	0.0	54.1	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	20.1
54	452035.39	5027618.47	102.50	0	DEN	2000	54.0	15.7	0.0	0.0	0.0	54.1	1.4	-2.4	0.0	0.0	0.0	0.0	0.0	16.6
54	452035.39	5027618.47	102.50	0	DEN	4000	46.4	15.7	0.0	0.0	0.0	54.1	4.7	-2.4	0.0	0.0	0.0	0.0	0.0	5.7
54	452035.39	5027618.47	102.50	0	DEN	8000	38.2	15.7	0.0	0.0	0.0	54.1	16.7	-2.4	0.0	0.0	0.0	0.0	0.0	-14.5
55	452020.90	5027610.88	102.50	1	DEN	8000	38.2	6.7	0.0	0.0	0.0	64.5	55.3	-4.1	0.0	0.0	4.8	0.0	2.0	-77.6
56	452021.76	5027611.33	102.50	1	DEN	8000	38.2	8.2	0.0	0.0	0.0	62.7	45.1	-3.9	0.0	0.0	4.8	0.0	2.0	-64.4
57	452025.07	5027613.06	102.50	1	DEN	4000	46.4	11.5	0.0	0.0	0.0	59.9	9.1	-3.3	0.0	0.0	0.0	0.0	2.0	-9.9
57	452025.07	5027613.06	102.50	1	DEN	8000	38.2	11.5	0.0	0.0	0.0	59.9	32.6	-3.3	0.0	0.0	0.0	0.0	2.0	-41.5
58	452035.39	5027618.47	102.50	1	DEN	125	46.3	15.7	0.0	0.0	0.0	54.3	0.1	-1.5	0.0	0.0	0.0	0.0	2.0	7.1
58	452035.39	5027618.47	102.50	1	DEN	250	49.2	15.7	0.0	0.0	0.0	54.3	0.2	1.9	0.0	0.0	0.0	0.0	2.0	6.5
58	452035.39	5027618.47	102.50	1	DEN	500	54.4	15.7	0.0	0.0	0.0	54.3	0.3	-0.2	0.0	0.0	0.0	0.0	2.0	13.7
58	452035.39	5027618.47	102.50	1	DEN	1000	56.9	15.7	0.0	0.0	0.0	54.3	0.5	-2.1	0.0	0.0	0.0	0.0	2.0	17.9
58	452035.39	5027618.47	102.50	1	DEN	2000	54.0	15.7	0.0	0.0	0.0	54.3	1.4	-2.4	0.0	0.0	0.0	0.0	2.0	14.4
58	452035.39	5027618.47	102.50	1	DEN	4000	46.4	15.7	0.0	0.0	0.0	54.3	4.8	-2.4	0.0	0.0	0.0	0.0	2.0	3.4
58	452035.39	5027618.47	102.50	1	DEN	8000	38.2	15.7	0.0	0.0	0.0	54.3	17.0	-2.4	0.0	0.0	0.0	0.0	2.0	-17.0
59	452024.18	5027612.60	102.50	1	DEN	500	54.4	10.8	0.0	0.0	0.0	54.0	0.3	0.1	0.0	0.0	14.9	0.0	2.0	-6.0
59	452024.18	5027612.60	102.50	1	DEN	1000	56.9	10.8	0.0	0.0	0.0	54.0	0.5	-1.9	0.0	0.0	19.1	0.0	2.0	-6.0
59	452024.18	5027612.60	102.50	1	DEN	2000	54.0	10.8	0.0	0.0	0.0	54.0	1.4	-2.2	0.0	0.0	22.6	0.0	2.0	-13.0
59	452024.18	5027612.60	102.50	1	DEN	4000	46.4	10.8	0.0	0.0	0.0	54.0	4.6	-2.2	0.0	0.0	25.0	0.0	2.0	-26.2
59	452024.18	5027612.60	102.50	1	DEN	8000	38.2	10.8	0.0	0.0	0.0	54.0	16.4	-2.2	0.0	0.0	25.0	0.0	2.0	-46.2
60	452050.96	5027626.62	102.50	1	DEN	1000	56.9	3.5	0.0	0.0	0.0	56.4	0.7	-2.7	0.0	0.0	15.3	0.0	2.0	-11.4

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
60	452050.96	5027626.62	102.50	1	DEN	2000	54.0	3.5	0.0	0.0	0.0	56.4	1.8	-3.0	0.0	0.0	18.2	0.0	2.0	-17.9
60	452050.96	5027626.62	102.50	1	DEN	4000	46.4	3.5	0.0	0.0	0.0	56.4	6.1	-3.0	0.0	0.0	21.1	0.0	2.0	-32.8
60	452050.96	5027626.62	102.50	1	DEN	8000	38.2	3.5	0.0	0.0	0.0	56.4	21.7	-3.0	0.0	0.0	24.0	0.0	2.0	-59.5
61	452024.74	5027612.89	102.50	1	DEN	8000	38.2	7.3	0.0	0.0	0.0	65.9	65.0	-4.2	0.0	0.0	4.8	0.0	2.0	-88.0
62	452074.69	5027639.80	102.50	0	DEN	32	20.1	17.2	0.0	0.0	0.0	56.5	0.0	-4.1	0.0	0.0	0.0	0.0	0.0	-15.2
62	452074.69	5027639.80	102.50	0	DEN	63	36.5	17.2	0.0	0.0	0.0	56.5	0.0	-4.1	0.0	0.0	0.0	0.0	0.0	1.2
62	452074.69	5027639.80	102.50	0	DEN	125	46.3	17.2	0.0	0.0	0.0	56.5	0.1	-2.7	0.0	0.0	0.0	0.0	0.0	9.6
62	452074.69	5027639.80	102.50	0	DEN	250	49.2	17.2	0.0	0.0	0.0	56.5	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	9.9
62	452074.69	5027639.80	102.50	0	DEN	500	54.4	17.2	0.0	0.0	0.0	56.5	0.4	-1.1	0.0	0.0	0.0	0.0	0.0	15.8
62	452074.69	5027639.80	102.50	0	DEN	1000	56.9	17.2	0.0	0.0	0.0	56.5	0.7	-2.9	0.0	0.0	0.0	0.0	0.0	19.8
62	452074.69	5027639.80	102.50	0	DEN	2000	54.0	17.2	0.0	0.0	0.0	56.5	1.8	-3.2	0.0	0.0	0.0	0.0	0.0	16.0
62	452074.69	5027639.80	102.50	0	DEN	4000	46.4	17.2	0.0	0.0	0.0	56.5	6.1	-3.2	0.0	0.0	0.0	0.0	0.0	4.1
62	452074.69	5027639.80	102.50	0	DEN	8000	38.2	17.2	0.0	0.0	0.0	56.5	21.9	-3.2	0.0	0.0	0.0	0.0	0.0	-19.9
63	452094.90	5027651.05	102.50	1	DEN	1000	56.9	7.7	0.0	0.0	0.0	67.9	2.5	-5.2	0.0	0.0	25.0	0.0	2.0	-27.7
63	452094.90	5027651.05	102.50	1	DEN	2000	54.0	7.7	0.0	0.0	0.0	67.9	6.7	-5.2	0.0	0.0	25.0	0.0	2.0	-34.8
63	452094.90	5027651.05	102.50	1	DEN	4000	46.4	7.7	0.0	0.0	0.0	67.9	22.8	-5.2	0.0	0.0	25.0	0.0	2.0	-58.5
63	452094.90	5027651.05	102.50	1	DEN	8000	38.2	7.7	0.0	0.0	0.0	67.9	81.4	-5.2	0.0	0.0	25.0	0.0	2.0	-125.3
64	452074.69	5027639.80	102.50	1	DEN	125	46.3	17.2	0.0	0.0	0.0	56.6	0.1	-2.8	0.0	0.0	0.0	0.0	2.0	7.6
64	452074.69	5027639.80	102.50	1	DEN	250	49.2	17.2	0.0	0.0	0.0	56.6	0.2	-0.6	0.0	0.0	0.0	0.0	2.0	8.1
64	452074.69	5027639.80	102.50	1	DEN	500	54.4	17.2	0.0	0.0	0.0	56.6	0.4	-1.4	0.0	0.0	0.0	0.0	2.0	13.9
64	452074.69	5027639.80	102.50	1	DEN	1000	56.9	17.2	0.0	0.0	0.0	56.6	0.7	-3.0	0.0	0.0	0.0	0.0	2.0	17.7
64	452074.69	5027639.80	102.50	1	DEN	2000	54.0	17.2	0.0	0.0	0.0	56.6	1.8	-3.2	0.0	0.0	0.0	0.0	2.0	13.9
64	452074.69	5027639.80	102.50	1	DEN	4000	46.4	17.2	0.0	0.0	0.0	56.6	6.2	-3.2	0.0	0.0	0.0	0.0	2.0	1.9
64	452074.69	5027639.80	102.50	1	DEN	8000	38.2	17.2	0.0	0.0	0.0	56.6	22.2	-3.2	0.0	0.0	0.0	0.0	2.0	-22.2
65	452082.73	5027644.28	102.50	1	DEN	2000	54.0	15.3	0.0	0.0	0.0	57.0	1.9	-3.1	0.0	0.0	0.0	0.0	2.0	11.4
65	452082.73	5027644.28	102.50	1	DEN	4000	46.4	15.3	0.0	0.0	0.0	57.0	6.5	-3.1	0.0	0.0	0.0	0.0	2.0	-0.8
65	452082.73	5027644.28	102.50	1	DEN	8000	38.2	15.3	0.0	0.0	0.0	57.0	23.2	-3.1	0.0	0.0	0.0	0.0	2.0	-25.7
66	452055.07	5027628.88	102.50	1	DEN	1000	56.9	8.6	0.0	0.0	0.0	56.5	0.7	-2.7	0.0	0.0	15.2	0.0	2.0	-6.3
66	452055.07	5027628.88	102.50	1	DEN	2000	54.0	8.6	0.0	0.0	0.0	56.5	1.8	-3.0	0.0	0.0	18.0	0.0	2.0	-12.8
66	452055.07	5027628.88	102.50	1	DEN	4000	46.4	8.6	0.0	0.0	0.0	56.5	6.2	-3.0	0.0	0.0	20.9	0.0	2.0	-27.7
66	452055.07	5027628.88	102.50	1	DEN	8000	38.2	8.6	0.0	0.0	0.0	56.5	22.0	-3.0	0.0	0.0	23.9	0.0	2.0	-54.7
67	452027.46	5027610.49	102.50	0	DEN	32	20.1	14.3	0.0	0.0	0.0	53.5	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	-15.8
67	452027.46	5027610.49	102.50	0	DEN	63	36.5	14.3	0.0	0.0	0.0	53.5	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	0.6
67	452027.46	5027610.49	102.50	0	DEN	125	46.3	14.3	0.0	0.0	0.0	53.5	0.1	-1.1	0.0	0.0	0.0	0.0	0.0	8.2
67	452027.46	5027610.49	102.50	0	DEN	250	49.2	14.3	0.0	0.0	0.0	53.5	0.1	2.5	0.0	0.0	0.0	0.0	0.0	7.3
67	452027.46	5027610.49	102.50	0	DEN	500	54.4	14.3	0.0	0.0	0.0	53.5	0.3	0.3	0.0	0.0	0.0	0.0	0.0	14.6
67	452027.46	5027610.49	102.50	0	DEN	1000	56.9	14.3	0.0	0.0	0.0	53.5	0.5	-1.8	0.0	0.0	0.0	0.0	0.0	19.0
67	452027.46	5027610.49	102.50	0	DEN	2000	54.0	14.3	0.0	0.0	0.0	53.5	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	15.6
67	452027.46	5027610.49	102.50	0	DEN	4000	46.4	14.3	0.0	0.0	0.0	53.5	4.4	-2.1	0.0	0.0	0.0	0.0	0.0	4.9
67	452027.46	5027610.49	102.50	0	DEN	8000	38.2	14.3	0.0	0.0	0.0	53.5	15.5	-2.1	0.0	0.0	0.0	0.0	0.0	-14.5
68	452022.68	5027607.55	102.50	1	DEN	8000	38.2	7.4	0.0	0.0	0.0	64.4	54.9	-4.1	0.0	0.0	4.8	0.0	2.0	-76.4
69	452021.21	5027606.65	102.50	1	DEN	8000	38.2	10.9	0.0	0.0	0.0	62.6	44.7	-3.8	0.0	0.0	4.8	0.0	2.0	-61.2
70	452016.77	5027603.92	102.50	1	DEN	4000	46.4	2.8	0.0	0.0	0.0	59.7	8.9	-3.3	0.0	0.0	0.0	0.0	2.0	-18.2
70	452016.77	5027603.92	102.50	1	DEN	8000	38.2	2.8	0.0	0.0	0.0	59.7	31.9	-3.3	0.0	0.0	0.0	0.0	2.0	-49.4
71	452024.91	5027608.92	102.50	1	DEN	4000	46.4	12.4	0.0	0.0	0.0	59.8	9.0	-3.3	0.0	0.0	0.0	0.0	2.0	-8.8
71	452024.91	5027608.92	102.50	1	DEN	8000	38.2	12.4	0.0	0.0	0.0	59.8	32.1	-3.3	0.0	0.0	0.0	0.0	2.0	-40.1
72	452027.46	5027610.49	102.50	1	DEN	125	46.3	14.3	0.0	0.0	0.0	53.6	0.1	-1.1	0.0	0.0	0.0	0.0	2.0	6.0
72	452027.46	5027610.49	102.50	1	DEN	250	49.2	14.3	0.0	0.0	0.0	53.6	0.1	2.5	0.0	0.0	0.0	0.0	2.0	5.2
72	452027.46	5027610.49	102.50	1	DEN	500	54.4	14.3	0.0	0.0	0.0	53.6	0.3	0.1	0.0	0.0	0.0	0.0	2.0	12.6
72	452027.46	5027610.49	102.50	1	DEN	1000	56.9	14.3	0.0	0.0	0.0	53.6	0.5	-1.8	0.0	0.0	0.0	0.0	2.0	16.9
72	452027.46	5027610.49	102.50	1	DEN	2000	54.0	14.3	0.0	0.0	0.0	53.6	1.3	-2.1	0.0	0.0	0.0	0.0	2.0	13.4
72	452027.46	5027610.49	102.50	1	DEN	4000	46.4	14.3	0.0	0.0	0.0	53.6	4.4	-2.1	0.0	0.0	0.0	0.0	2.0	2.7
72	452027.46	5027610.49	102.50	1	DEN	8000	38.2	14.3	0.0	0.0	0.0	53.6	15.8	-2.1	0.0	0.0	0.0	0.0	2.0	-16.9
73	452027.46	5027610.49	102.50	1	DEN	500	54.4	14.3	0.0	0.0	0.0	54.1	0.3	-0.1	0.0	0.0	14.8	0.0	2.0	-2.4
73	452027.46	5027610.49	102.50	1	DEN	1000	56.9	14.3	0.0	0.0	0.0	54.1	0.5	-2.1	0.0	0.0	18.9	0.0	2.0	-2.3
73	452027.46	5027610.49	102.50	1	DEN	2000	54.0	14.3	0.0	0.0	0.0	54.1	1.4	-2.3	0.0	0.0	22.5	0.0	2.0	-9.4
73	452027.46	5027610.49	102.50	1	DEN	4000	46.4	14.3	0.0	0.0	0.0	54.1	4.7	-2.3	0.0	0.0	25.0	0.0	2.0	-22.8
73	452027.46	5027610.49	102.50	1	DEN	8000	38.2	14.3	0.0	0.0	0.0	54.1	16.7	-2.3	0.0	0.0	25.0	0.0	2.0	-43.0
74	452026.79	5027610.08	102.50	1	DEN	8000	38.2	7.2	0.0	0.0	0.0	65.8	64.6	-4.2	0.0	0.0	4.8	0.0	2.0	-87.6
77	452048.60	5027622.79	102.50	0	DEN	32	20.1	13.4	0.0	0.0	0.0	54.9	0.0	-3.7	0.0	0.0	0.0	0.0	0.0	-17.7
77	452048.60	5027622.79	102.50	0	DEN	63	36.5	13.4	0.0	0.0	0.0	54.9	0.0	-3.7	0.0	0.0	0.0	0.0	0.0	-1.4
77	452048.60	5027622.79	102.50	0	DEN	125	46.3	13.4	0.0	0.0	0.0	54.9	0.1	-2.0	0.0	0.0	0.0	0.0	0.0	6.7
77	452048.60	5027622.79	102.50	0	DEN	250	49.2	13.4	0.0	0.0	0.0	54.9	0.2	0.9	0.0	0.0	0.0	0.0	0.0	6.6

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou5	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
77	452048.60	5027622.79	102.50	0	DEN	500	54.4	13.4	0.0	0.0	0.0	54.9	0.3	-0.6	0.0	0.0	0.0	0.0	0.0	13.1
77	452048.60	5027622.79	102.50	0	DEN	1000	56.9	13.4	0.0	0.0	0.0	54.9	0.6	-2.4	0.0	0.0	0.0	0.0	0.0	17.2
77	452048.60	5027622.79	102.50	0	DEN	2000	54.0	13.4	0.0	0.0	0.0	54.9	1.5	-2.7	0.0	0.0	0.0	0.0	0.0	13.6
77	452048.60	5027622.79	102.50	0	DEN	4000	46.4	13.4	0.0	0.0	0.0	54.9	5.1	-2.7	0.0	0.0	0.0	0.0	0.0	2.4
77	452048.60	5027622.79	102.50	0	DEN	8000	38.2	13.4	0.0	0.0	0.0	54.9	18.3	-2.7	0.0	0.0	0.0	0.0	0.0	-19.0
78	452048.60	5027622.79	102.50	1	DEN	125	46.3	13.4	0.0	0.0	0.0	55.0	0.1	-2.0	0.0	0.0	0.0	0.0	2.0	4.5
78	452048.60	5027622.79	102.50	1	DEN	250	49.2	13.4	0.0	0.0	0.0	55.0	0.2	1.0	0.0	0.0	0.0	0.0	2.0	4.4
78	452048.60	5027622.79	102.50	1	DEN	500	54.4	13.4	0.0	0.0	0.0	55.0	0.3	-0.5	0.0	0.0	0.0	0.0	2.0	10.9
78	452048.60	5027622.79	102.50	1	DEN	1000	56.9	13.4	0.0	0.0	0.0	55.0	0.6	-2.4	0.0	0.0	0.0	0.0	2.0	15.0
78	452048.60	5027622.79	102.50	1	DEN	2000	54.0	13.4	0.0	0.0	0.0	55.0	1.5	-2.6	0.0	0.0	0.0	0.0	2.0	11.4
78	452048.60	5027622.79	102.50	1	DEN	4000	46.4	13.4	0.0	0.0	0.0	55.0	5.2	-2.6	0.0	0.0	0.0	0.0	2.0	0.1
78	452048.60	5027622.79	102.50	1	DEN	8000	38.2	13.4	0.0	0.0	0.0	55.0	18.6	-2.6	0.0	0.0	0.0	0.0	2.0	-21.5
79	452044.34	5027620.47	102.50	1	DEN	500	54.4	10.9	0.0	0.0	0.0	55.2	0.3	-0.3	0.0	0.0	14.9	0.0	2.0	-6.9
79	452044.34	5027620.47	102.50	1	DEN	1000	56.9	10.9	0.0	0.0	0.0	55.2	0.6	-2.3	0.0	0.0	19.0	0.0	2.0	-6.8
79	452044.34	5027620.47	102.50	1	DEN	2000	54.0	10.9	0.0	0.0	0.0	55.2	1.6	-2.6	0.0	0.0	22.6	0.0	2.0	-14.0
79	452044.34	5027620.47	102.50	1	DEN	4000	46.4	10.9	0.0	0.0	0.0	55.2	5.3	-2.6	0.0	0.0	25.0	0.0	2.0	-27.7
79	452044.34	5027620.47	102.50	1	DEN	8000	38.2	10.9	0.0	0.0	0.0	55.2	19.0	-2.6	0.0	0.0	25.0	0.0	2.0	-49.6
80	452053.80	5027625.61	102.50	1	DEN	1000	56.9	9.6	0.0	0.0	0.0	56.3	0.7	-2.7	0.0	0.0	15.8	0.0	2.0	-5.7
80	452053.80	5027625.61	102.50	1	DEN	2000	54.0	9.6	0.0	0.0	0.0	56.3	1.8	-3.0	0.0	0.0	18.6	0.0	2.0	-12.2
80	452053.80	5027625.61	102.50	1	DEN	4000	46.4	9.6	0.0	0.0	0.0	56.3	6.1	-3.0	0.0	0.0	21.6	0.0	2.0	-27.0
80	452053.80	5027625.61	102.50	1	DEN	8000	38.2	9.6	0.0	0.0	0.0	56.3	21.6	-3.0	0.0	0.0	24.5	0.0	2.0	-53.7
81	452069.27	5027633.46	102.50	0	DEN	32	20.1	13.9	0.0	0.0	0.0	56.1	0.0	-4.0	0.0	0.0	0.0	0.0	0.0	-18.1
81	452069.27	5027633.46	102.50	0	DEN	63	36.5	13.9	0.0	0.0	0.0	56.1	0.0	-4.0	0.0	0.0	0.0	0.0	0.0	-1.8
81	452069.27	5027633.46	102.50	0	DEN	125	46.3	13.9	0.0	0.0	0.0	56.1	0.1	-2.6	0.0	0.0	0.0	0.0	0.0	6.5
81	452069.27	5027633.46	102.50	0	DEN	250	49.2	13.9	0.0	0.0	0.0	56.1	0.2	-0.1	0.0	0.0	0.0	0.0	0.0	6.9
81	452069.27	5027633.46	102.50	0	DEN	500	54.4	13.9	0.0	0.0	0.0	56.1	0.3	-0.9	0.0	0.0	0.0	0.0	0.0	12.8
81	452069.27	5027633.46	102.50	0	DEN	1000	56.9	13.9	0.0	0.0	0.0	56.1	0.7	-2.7	0.0	0.0	0.0	0.0	0.0	16.7
81	452069.27	5027633.46	102.50	0	DEN	2000	54.0	13.9	0.0	0.0	0.0	56.1	1.7	-3.0	0.0	0.0	0.0	0.0	0.0	13.0
81	452069.27	5027633.46	102.50	0	DEN	4000	46.4	13.9	0.0	0.0	0.0	56.1	5.9	-3.0	0.0	0.0	0.0	0.0	0.0	1.3
81	452069.27	5027633.46	102.50	0	DEN	8000	38.2	13.9	0.0	0.0	0.0	56.1	21.0	-3.0	0.0	0.0	0.0	0.0	0.0	-22.1
82	452069.27	5027633.46	102.50	1	DEN	125	46.3	13.9	0.0	0.0	0.0	56.2	0.1	-2.6	0.0	0.0	0.0	0.0	2.0	4.4
82	452069.27	5027633.46	102.50	1	DEN	250	49.2	13.9	0.0	0.0	0.0	56.2	0.2	-0.2	0.0	0.0	0.0	0.0	2.0	4.8
82	452069.27	5027633.46	102.50	1	DEN	500	54.4	13.9	0.0	0.0	0.0	56.2	0.4	-1.0	0.0	0.0	0.0	0.0	2.0	10.7
82	452069.27	5027633.46	102.50	1	DEN	1000	56.9	13.9	0.0	0.0	0.0	56.2	0.7	-2.8	0.0	0.0	0.0	0.0	2.0	14.6
82	452069.27	5027633.46	102.50	1	DEN	2000	54.0	13.9	0.0	0.0	0.0	56.2	1.8	-3.0	0.0	0.0	0.0	0.0	2.0	10.9
82	452069.27	5027633.46	102.50	1	DEN	4000	46.4	13.9	0.0	0.0	0.0	56.2	6.0	-3.0	0.0	0.0	0.0	0.0	2.0	-0.9
82	452069.27	5027633.46	102.50	1	DEN	8000	38.2	13.9	0.0	0.0	0.0	56.2	21.3	-3.0	0.0	0.0	0.0	0.0	2.0	-24.5
83	452069.93	5027633.79	102.50	1	DEN	2000	54.0	13.6	0.0	0.0	0.0	56.2	1.8	-2.9	0.0	0.0	0.0	0.0	2.0	10.5
83	452069.93	5027633.79	102.50	1	DEN	4000	46.4	13.6	0.0	0.0	0.0	56.2	6.0	-2.9	0.0	0.0	0.0	0.0	2.0	-1.3
83	452069.93	5027633.79	102.50	1	DEN	8000	38.2	13.6	0.0	0.0	0.0	56.2	21.3	-2.9	0.0	0.0	0.0	0.0	2.0	-24.9
84	452093.48	5027646.18	102.50	0	DEN	32	20.1	14.8	0.0	0.0	0.0	57.3	0.0	-4.3	0.0	0.0	0.0	0.0	0.0	-18.2
84	452093.48	5027646.18	102.50	0	DEN	63	36.5	14.8	0.0	0.0	0.0	57.3	0.0	-4.3	0.0	0.0	0.0	0.0	0.0	-1.8
84	452093.48	5027646.18	102.50	0	DEN	125	46.3	14.8	0.0	0.0	0.0	57.3	0.1	-2.8	0.0	0.0	0.0	0.0	0.0	6.5
84	452093.48	5027646.18	102.50	0	DEN	250	49.2	14.8	0.0	0.0	0.0	57.3	0.2	-0.4	0.0	0.0	0.0	0.0	0.0	6.8
84	452093.48	5027646.18	102.50	0	DEN	500	54.4	14.8	0.0	0.0	0.0	57.3	0.4	-1.2	0.0	0.0	0.0	0.0	0.0	12.7
84	452093.48	5027646.18	102.50	0	DEN	1000	56.9	14.8	0.0	0.0	0.0	57.3	0.8	-3.1	0.0	0.0	0.0	0.0	0.0	16.6
84	452093.48	5027646.18	102.50	0	DEN	2000	54.0	14.8	0.0	0.0	0.0	57.3	2.0	-3.3	0.0	0.0	0.0	0.0	0.0	12.8
84	452093.48	5027646.18	102.50	0	DEN	4000	46.4	14.8	0.0	0.0	0.0	57.3	6.8	-3.3	0.0	0.0	0.0	0.0	0.0	0.4
84	452093.48	5027646.18	102.50	0	DEN	8000	38.2	14.8	0.0	0.0	0.0	57.3	24.2	-3.3	0.0	0.0	0.0	0.0	0.0	-25.3
85	452094.41	5027646.70	102.50	1	DEN	1000	56.9	14.5	0.0	0.0	0.0	67.8	2.5	-5.2	0.0	0.0	25.0	0.0	2.0	-20.9
85	452094.41	5027646.70	102.50	1	DEN	2000	54.0	14.5	0.0	0.0	0.0	67.8	6.7	-5.2	0.0	0.0	25.0	0.0	2.0	-27.9
85	452094.41	5027646.70	102.50	1	DEN	4000	46.4	14.5	0.0	0.0	0.0	67.8	22.7	-5.2	0.0	0.0	25.0	0.0	2.0	-51.6
85	452094.41	5027646.70	102.50	1	DEN	8000	38.2	14.5	0.0	0.0	0.0	67.8	81.0	-5.2	0.0	0.0	25.0	0.0	2.0	-118.1
86	452093.48	5027646.18	102.50	1	DEN	125	46.3	14.8	0.0	0.0	0.0	57.4	0.1	-3.0	0.0	0.0	0.0	0.0	2.0	4.5
86	452093.48	5027646.18	102.50	1	DEN	250	49.2	14.8	0.0	0.0	0.0	57.4	0.2	-0.8	0.0	0.0	0.0	0.0	2.0	5.1
86	452093.48	5027646.18	102.50	1	DEN	500	54.4	14.8	0.0	0.0	0.0	57.4	0.4	-1.6	0.0	0.0	0.0	0.0	2.0	10.9
86	452093.48	5027646.18	102.50	1	DEN	1000	56.9	14.8	0.0	0.0	0.0	57.4	0.8	-3.2	0.0	0.0	0.0	0.0	2.0	14.6
86	452093.48	5027646.18	102.50	1	DEN	2000	54.0	14.8	0.0	0.0	0.0	57.4	2.0	-3.4	0.0	0.0	0.0	0.0	2.0	10.7
86	452093.48	5027646.18	102.50	1	DEN	4000	46.4	14.8	0.0	0.0	0.0	57.4	6.9	-3.4	0.0	0.0	0.0	0.0	2.0	-1.7
86	452093.48	5027646.18	102.50	1	DEN	8000	38.2	14.8	0.0	0.0	0.0	57.4	24.5	-3.4	0.0	0.0	0.0	0.0	2.0	-27.6
87	452086.82	5027642.50	102.50	1	DEN	2000	54.0	11.7	0.0	0.0	0.0	57.1	1.9	-3.1	0.0	0.0	0.0	0.0	2.0	7.8
87	452086.82	5027642.50	102.50	1	DEN	4000	46.4	11.7	0.0	0.0	0.0	57.1	6.6	-3.1	0.0	0.0	0.0	0.0	2.0	-4.5
87	452086.82	5027642.50	102.50	1	DEN	8000	38.2	11.7	0.0	0.0	0.0	57.1	23.5	-3.1	0.0	0.0	0.0	0.0	2.0	-29.6

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"

Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou5	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
88	452102.37	5027651.10	102.50	1	DEN	1000	56.9	9.9	0.0	0.0	0.0	58.1	0.8	-3.2	0.0	0.0	12.6	0.0	2.0	-3.7
88	452102.37	5027651.10	102.50	1	DEN	2000	54.0	9.9	0.0	0.0	0.0	58.1	2.2	-3.4	0.0	0.0	15.3	0.0	2.0	-10.3
88	452102.37	5027651.10	102.50	1	DEN	4000	46.4	9.9	0.0	0.0	0.0	58.1	7.5	-3.4	0.0	0.0	18.1	0.0	2.0	-26.0
88	452102.37	5027651.10	102.50	1	DEN	8000	38.2	9.9	0.0	0.0	0.0	58.1	26.6	-3.4	0.0	0.0	21.0	0.0	2.0	-56.2
89	452128.33	5027669.49	102.50	0	DEN	32	20.1	15.0	0.0	0.0	0.0	58.9	0.0	-4.6	0.0	0.0	0.0	0.0	0.0	-19.3
89	452128.33	5027669.49	102.50	0	DEN	63	36.5	15.0	0.0	0.0	0.0	58.9	0.0	-4.6	0.0	0.0	0.0	0.0	0.0	-3.0
89	452128.33	5027669.49	102.50	0	DEN	125	46.3	15.0	0.0	0.0	0.0	58.9	0.1	-3.3	0.0	0.0	0.0	0.0	0.0	5.5
89	452128.33	5027669.49	102.50	0	DEN	250	49.2	15.0	0.0	0.0	0.0	58.9	0.3	-1.2	0.0	0.0	0.0	0.0	0.0	6.2
89	452128.33	5027669.49	102.50	0	DEN	500	54.4	15.0	0.0	0.0	0.0	58.9	0.5	-2.0	0.0	0.0	0.0	0.0	0.0	11.9
89	452128.33	5027669.49	102.50	0	DEN	1000	56.9	15.0	0.0	0.0	0.0	58.9	0.9	-3.6	0.0	0.0	0.0	0.0	0.0	15.6
89	452128.33	5027669.49	102.50	0	DEN	2000	54.0	15.0	0.0	0.0	0.0	58.9	2.4	-3.9	0.0	0.0	0.0	0.0	0.0	11.5
89	452128.33	5027669.49	102.50	0	DEN	4000	46.4	15.0	0.0	0.0	0.0	58.9	8.1	-3.9	0.0	0.0	0.0	0.0	0.0	-1.8
89	452128.33	5027669.49	102.50	0	DEN	8000	38.2	15.0	0.0	0.0	0.0	58.9	29.0	-3.9	0.0	0.0	0.0	0.0	0.0	-30.9
90	452140.95	5027677.93	102.50	1	DEN	1000	56.9	0.0	0.0	0.0	0.0	68.5	2.7	-5.3	0.0	0.0	25.0	0.0	2.0	-36.1
90	452140.95	5027677.93	102.50	1	DEN	2000	54.0	0.0	0.0	0.0	0.0	68.5	7.2	-5.3	0.0	0.0	25.0	0.0	2.0	-43.5
90	452140.95	5027677.93	102.50	1	DEN	4000	46.4	0.0	0.0	0.0	0.0	68.5	24.5	-5.3	0.0	0.0	25.0	0.0	2.0	-68.4
90	452140.95	5027677.93	102.50	1	DEN	8000	38.2	0.0	0.0	0.0	0.0	68.5	87.5	-5.3	0.0	0.0	25.0	0.0	2.0	-139.5
91	452140.29	5027677.49	102.50	1	DEN	1000	56.9	-2.3	0.0	0.0	0.0	68.5	2.7	-5.3	0.0	0.0	25.0	0.0	2.0	-38.4
91	452140.29	5027677.49	102.50	1	DEN	2000	54.0	-2.3	0.0	0.0	0.0	68.5	7.2	-5.3	0.0	0.0	25.0	0.0	2.0	-45.8
91	452140.29	5027677.49	102.50	1	DEN	4000	46.4	-2.3	0.0	0.0	0.0	68.5	24.5	-5.3	0.0	0.0	25.0	0.0	2.0	-70.7
91	452140.29	5027677.49	102.50	1	DEN	8000	38.2	-2.3	0.0	0.0	0.0	68.5	87.4	-5.3	0.0	0.0	25.0	0.0	2.0	-141.8
92	452139.38	5027676.88	102.50	1	DEN	1000	56.9	2.1	0.0	0.0	0.0	68.5	2.7	-5.3	0.0	0.0	25.0	0.0	2.0	-34.0
92	452139.38	5027676.88	102.50	1	DEN	2000	54.0	2.1	0.0	0.0	0.0	68.5	7.2	-5.3	0.0	0.0	25.0	0.0	2.0	-41.4
92	452139.38	5027676.88	102.50	1	DEN	4000	46.4	2.1	0.0	0.0	0.0	68.5	24.5	-5.3	0.0	0.0	25.0	0.0	2.0	-66.3
92	452139.38	5027676.88	102.50	1	DEN	8000	38.2	2.1	0.0	0.0	0.0	68.5	87.3	-5.3	0.0	0.0	25.0	0.0	2.0	-137.3
93	452137.74	5027675.78	102.50	1	DEN	1000	56.9	3.7	0.0	0.0	0.0	68.4	2.7	-5.3	0.0	0.0	25.0	0.0	2.0	-32.4
93	452137.74	5027675.78	102.50	1	DEN	2000	54.0	3.7	0.0	0.0	0.0	68.4	7.2	-5.3	0.0	0.0	25.0	0.0	2.0	-39.8
93	452137.74	5027675.78	102.50	1	DEN	4000	46.4	3.7	0.0	0.0	0.0	68.4	24.4	-5.3	0.0	0.0	25.0	0.0	2.0	-64.6
93	452137.74	5027675.78	102.50	1	DEN	8000	38.2	3.7	0.0	0.0	0.0	68.4	87.0	-5.3	0.0	0.0	25.0	0.0	2.0	-135.4
94	452126.04	5027667.95	102.50	1	DEN	1000	56.9	14.1	0.0	0.0	0.0	68.3	2.7	-5.3	0.0	0.0	25.0	0.0	2.0	-21.7
94	452126.04	5027667.95	102.50	1	DEN	2000	54.0	14.1	0.0	0.0	0.0	68.3	7.1	-5.3	0.0	0.0	25.0	0.0	2.0	-29.0
94	452126.04	5027667.95	102.50	1	DEN	4000	46.4	14.1	0.0	0.0	0.0	68.3	23.9	-5.3	0.0	0.0	25.0	0.0	2.0	-53.5
94	452126.04	5027667.95	102.50	1	DEN	8000	38.2	14.1	0.0	0.0	0.0	68.3	85.4	-5.3	0.0	0.0	25.0	0.0	2.0	-123.2
95	452128.33	5027669.49	102.50	1	DEN	125	46.3	15.0	0.0	0.0	0.0	59.0	0.1	-3.3	0.0	0.0	0.0	0.0	2.0	3.4
95	452128.33	5027669.49	102.50	1	DEN	250	49.2	15.0	0.0	0.0	0.0	59.0	0.3	-1.2	0.0	0.0	0.0	0.0	2.0	4.0
95	452128.33	5027669.49	102.50	1	DEN	500	54.4	15.0	0.0	0.0	0.0	59.0	0.5	-1.9	0.0	0.0	0.0	0.0	2.0	9.8
95	452128.33	5027669.49	102.50	1	DEN	1000	56.9	15.0	0.0	0.0	0.0	59.0	0.9	-3.6	0.0	0.0	0.0	0.0	2.0	13.5
95	452128.33	5027669.49	102.50	1	DEN	2000	54.0	15.0	0.0	0.0	0.0	59.0	2.4	-3.9	0.0	0.0	0.0	0.0	2.0	9.4
95	452128.33	5027669.49	102.50	1	DEN	4000	46.4	15.0	0.0	0.0	0.0	59.0	8.2	-3.9	0.0	0.0	0.0	0.0	2.0	-4.0
95	452128.33	5027669.49	102.50	1	DEN	8000	38.2	15.0	0.0	0.0	0.0	59.0	29.3	-3.9	0.0	0.0	0.0	0.0	2.0	-33.3
96	452128.33	5027669.49	102.50	1	DEN	2000	54.0	15.0	0.0	0.0	0.0	59.3	2.5	-3.7	0.0	0.0	11.4	0.0	2.0	-2.6
96	452128.33	5027669.49	102.50	1	DEN	4000	46.4	15.0	0.0	0.0	0.0	59.3	8.5	-3.7	0.0	0.0	13.9	0.0	2.0	-18.7
96	452128.33	5027669.49	102.50	1	DEN	8000	38.2	15.0	0.0	0.0	0.0	59.3	30.2	-3.7	0.0	0.0	16.7	0.0	2.0	-51.4
97	452015.95	5027608.17	102.50	0	DEN	32	20.1	8.2	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-21.4
97	452015.95	5027608.17	102.50	0	DEN	63	36.5	8.2	0.0	0.0	0.0	52.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-5.0
97	452015.95	5027608.17	102.50	0	DEN	125	46.3	8.2	0.0	0.0	0.0	52.7	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	2.7
97	452015.95	5027608.17	102.50	0	DEN	250	49.2	8.2	0.0	0.0	0.0	52.7	0.1	2.7	0.0	0.0	0.0	0.0	0.0	1.9
97	452015.95	5027608.17	102.50	0	DEN	500	54.4	8.2	0.0	0.0	0.0	52.7	0.2	0.5	0.0	0.0	0.0	0.0	0.0	9.1
97	452015.95	5027608.17	102.50	0	DEN	1000	56.9	8.2	0.0	0.0	0.0	52.7	0.4	-1.5	0.0	0.0	0.0	0.0	0.0	13.5
97	452015.95	5027608.17	102.50	0	DEN	2000	54.0	8.2	0.0	0.0	0.0	52.7	1.2	-1.8	0.0	0.0	0.0	0.0	0.0	10.1
97	452015.95	5027608.17	102.50	0	DEN	4000	46.4	8.2	0.0	0.0	0.0	52.7	4.0	-1.8	0.0	0.0	0.0	0.0	0.0	-0.3
97	452015.95	5027608.17	102.50	0	DEN	8000	38.2	8.2	0.0	0.0	0.0	52.7	14.2	-1.8	0.0	0.0	0.0	0.0	0.0	-18.7
98	452018.44	5027609.57	102.50	1	DEN	8000	38.2	-0.3	0.0	0.0	0.0	64.5	55.3	-4.1	0.0	0.0	4.8	0.0	2.0	-84.7
99	452015.95	5027608.17	102.50	1	DEN	8000	38.2	8.2	0.0	0.0	0.0	62.7	45.1	-3.8	0.0	0.0	4.8	0.0	2.0	-64.5
100	452017.45	5027609.02	102.50	1	DEN	4000	46.4	5.0	0.0	0.0	0.0	59.9	9.1	-3.3	0.0	0.0	0.0	0.0	2.0	-16.3
100	452017.45	5027609.02	102.50	1	DEN	8000	38.2	5.0	0.0	0.0	0.0	59.9	32.4	-3.3	0.0	0.0	0.0	0.0	2.0	-47.8
101	452014.56	5027607.39	102.50	1	DEN	4000	46.4	5.4	0.0	0.0	0.0	59.9	9.1	-3.3	0.0	0.0	0.0	0.0	2.0	-15.9
101	452014.56	5027607.39	102.50	1	DEN	8000	38.2	5.4	0.0	0.0	0.0	59.9	32.4	-3.3	0.0	0.0	0.0	0.0	2.0	-47.4
102	452015.95	5027608.17	102.50	1	DEN	125	46.3	8.2	0.0	0.0	0.0	52.8	0.1	-1.0	0.0	0.0	0.0	0.0	2.0	0.5
102	452015.95	5027608.17	102.50	1	DEN	250	49.2	8.2	0.0	0.0	0.0	52.8	0.1	2.6	0.0	0.0	0.0	0.0	2.0	-0.2
102	452015.95	5027608.17	102.50	1	DEN	500	54.4	8.2	0.0	0.0	0.0	52.8	0.2	0.3	0.0	0.0	0.0	0.0	2.0	7.2
102	452015.95	5027608.17	102.50	1	DEN	1000	56.9	8.2	0.0	0.0	0.0	52.8	0.5	-1.6	0.0	0.0	0.0	0.0	2.0	11.4
102	452015.95	5027608.17	102.50	1	DEN	2000	54.0	8.2	0.0	0.0	0.0	52.8	1.2	-1.9	0.0	0.0	0.0	0.0	2.0	8.0

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
102	452015.95	5027608.17	102.50	1	DEN	4000	46.4	8.2	0.0	0.0	0.0	52.8	4.1	-1.9	0.0	0.0	0.0	0.0	2.0	-2.5
102	452015.95	5027608.17	102.50	1	DEN	8000	38.2	8.2	0.0	0.0	0.0	52.8	14.5	-1.9	0.0	0.0	0.0	0.0	2.0	-21.1
103	452015.95	5027608.17	102.50	1	DEN	500	54.4	8.2	0.0	0.0	0.0	53.4	0.3	0.3	0.0	0.0	14.6	0.0	2.0	-8.0
103	452015.95	5027608.17	102.50	1	DEN	1000	56.9	8.2	0.0	0.0	0.0	53.4	0.5	-1.7	0.0	0.0	19.0	0.0	2.0	-8.1
103	452015.95	5027608.17	102.50	1	DEN	2000	54.0	8.2	0.0	0.0	0.0	53.4	1.3	-2.0	0.0	0.0	22.6	0.0	2.0	-15.1
103	452015.95	5027608.17	102.50	1	DEN	4000	46.4	8.2	0.0	0.0	0.0	53.4	4.3	-2.0	0.0	0.0	25.0	0.0	2.0	-28.1
103	452015.95	5027608.17	102.50	1	DEN	8000	38.2	8.2	0.0	0.0	0.0	53.4	15.3	-2.0	0.0	0.0	25.0	0.0	2.0	-47.4
104	452106.37	5027656.61	102.50	0	DEN	32	20.1	12.9	0.0	0.0	0.0	58.0	0.0	-4.4	0.0	0.0	0.0	0.0	0.0	-20.6
104	452106.37	5027656.61	102.50	0	DEN	63	36.5	12.9	0.0	0.0	0.0	58.0	0.0	-4.4	0.0	0.0	0.0	0.0	0.0	-4.2
104	452106.37	5027656.61	102.50	0	DEN	125	46.3	12.9	0.0	0.0	0.0	58.0	0.1	-3.2	0.0	0.0	0.0	0.0	0.0	4.3
104	452106.37	5027656.61	102.50	0	DEN	250	49.2	12.9	0.0	0.0	0.0	58.0	0.2	-1.0	0.0	0.0	0.0	0.0	0.0	4.9
104	452106.37	5027656.61	102.50	0	DEN	500	54.4	12.9	0.0	0.0	0.0	58.0	0.4	-1.8	0.0	0.0	0.0	0.0	0.0	10.7
104	452106.37	5027656.61	102.50	0	DEN	1000	56.9	12.9	0.0	0.0	0.0	58.0	0.8	-3.4	0.0	0.0	0.0	0.0	0.0	14.4
104	452106.37	5027656.61	102.50	0	DEN	2000	54.0	12.9	0.0	0.0	0.0	58.0	2.2	-3.7	0.0	0.0	0.0	0.0	0.0	10.4
104	452106.37	5027656.61	102.50	0	DEN	4000	46.4	12.9	0.0	0.0	0.0	58.0	7.3	-3.7	0.0	0.0	0.0	0.0	0.0	-2.3
104	452106.37	5027656.61	102.50	0	DEN	8000	38.2	12.9	0.0	0.0	0.0	58.0	26.1	-3.7	0.0	0.0	0.0	0.0	0.0	-29.3
105	452106.37	5027656.61	102.50	1	DEN	1000	56.9	12.9	0.0	0.0	0.0	68.0	2.6	-5.2	0.0	0.0	25.0	0.0	2.0	-22.6
105	452106.37	5027656.61	102.50	1	DEN	2000	54.0	12.9	0.0	0.0	0.0	68.0	6.8	-5.2	0.0	0.0	25.0	0.0	2.0	-29.8
105	452106.37	5027656.61	102.50	1	DEN	4000	46.4	12.9	0.0	0.0	0.0	68.0	23.2	-5.2	0.0	0.0	25.0	0.0	2.0	-53.7
105	452106.37	5027656.61	102.50	1	DEN	8000	38.2	12.9	0.0	0.0	0.0	68.0	82.8	-5.2	0.0	0.0	25.0	0.0	2.0	-121.5
106	452106.37	5027656.61	102.50	1	DEN	125	46.3	12.9	0.0	0.0	0.0	58.1	0.1	-3.1	0.0	0.0	0.0	0.0	2.0	2.2
106	452106.37	5027656.61	102.50	1	DEN	250	49.2	12.9	0.0	0.0	0.0	58.1	0.2	-0.9	0.0	0.0	0.0	0.0	2.0	2.7
106	452106.37	5027656.61	102.50	1	DEN	500	54.4	12.9	0.0	0.0	0.0	58.1	0.4	-1.7	0.0	0.0	0.0	0.0	2.0	8.5
106	452106.37	5027656.61	102.50	1	DEN	1000	56.9	12.9	0.0	0.0	0.0	58.1	0.8	-3.4	0.0	0.0	0.0	0.0	2.0	12.3
106	452106.37	5027656.61	102.50	1	DEN	2000	54.0	12.9	0.0	0.0	0.0	58.1	2.2	-3.6	0.0	0.0	0.0	0.0	2.0	8.3
106	452106.37	5027656.61	102.50	1	DEN	4000	46.4	12.9	0.0	0.0	0.0	58.1	7.4	-3.6	0.0	0.0	0.0	0.0	2.0	-4.5
106	452106.37	5027656.61	102.50	1	DEN	8000	38.2	12.9	0.0	0.0	0.0	58.1	26.4	-3.6	0.0	0.0	0.0	0.0	2.0	-31.7
107	452102.00	5027654.58	102.50	1	DEN	2000	54.0	10.0	0.0	0.0	0.0	57.9	2.1	-3.3	0.0	0.0	0.0	0.0	2.0	5.3
107	452102.00	5027654.58	102.50	1	DEN	4000	46.4	10.0	0.0	0.0	0.0	57.9	7.2	-3.3	0.0	0.0	0.0	0.0	2.0	-7.4
107	452102.00	5027654.58	102.50	1	DEN	8000	38.2	10.0	0.0	0.0	0.0	57.9	25.8	-3.3	0.0	0.0	0.0	0.0	2.0	-34.1
108	452109.71	5027658.16	102.50	1	DEN	1000	56.9	10.9	0.0	0.0	0.0	58.5	0.9	-3.2	0.0	0.0	10.1	0.0	2.0	-0.5
108	452109.71	5027658.16	102.50	1	DEN	2000	54.0	10.9	0.0	0.0	0.0	58.5	2.3	-3.5	0.0	0.0	12.5	0.0	2.0	-6.9
108	452109.71	5027658.16	102.50	1	DEN	4000	46.4	10.9	0.0	0.0	0.0	58.5	7.8	-3.5	0.0	0.0	15.1	0.0	2.0	-22.6
108	452109.71	5027658.16	102.50	1	DEN	8000	38.2	10.9	0.0	0.0	0.0	58.5	27.8	-3.5	0.0	0.0	17.9	0.0	2.0	-53.7
109	452114.26	5027657.04	102.50	0	DEN	32	20.1	12.3	0.0	0.0	0.0	58.3	0.0	-4.4	0.0	0.0	0.0	0.0	0.0	-21.5
109	452114.26	5027657.04	102.50	0	DEN	63	36.5	12.3	0.0	0.0	0.0	58.3	0.0	-4.4	0.0	0.0	0.0	0.0	0.0	-5.1
109	452114.26	5027657.04	102.50	0	DEN	125	46.3	12.3	0.0	0.0	0.0	58.3	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	3.2
109	452114.26	5027657.04	102.50	0	DEN	250	49.2	12.3	0.0	0.0	0.0	58.3	0.2	-0.6	0.0	0.0	0.0	0.0	0.0	3.5
109	452114.26	5027657.04	102.50	0	DEN	500	54.4	12.3	0.0	0.0	0.0	58.3	0.4	-1.5	0.0	0.0	0.0	0.0	0.0	9.4
109	452114.26	5027657.04	102.50	0	DEN	1000	56.9	12.3	0.0	0.0	0.0	58.3	0.8	-3.3	0.0	0.0	0.0	0.0	0.0	13.3
109	452114.26	5027657.04	102.50	0	DEN	2000	54.0	12.3	0.0	0.0	0.0	58.3	2.2	-3.6	0.0	0.0	0.0	0.0	0.0	9.3
109	452114.26	5027657.04	102.50	0	DEN	4000	46.4	12.3	0.0	0.0	0.0	58.3	7.6	-3.6	0.0	0.0	0.0	0.0	0.0	-3.6
109	452114.26	5027657.04	102.50	0	DEN	8000	38.2	12.3	0.0	0.0	0.0	58.3	26.9	-3.6	0.0	0.0	0.0	0.0	0.0	-31.2
110	452113.39	5027656.63	102.50	1	DEN	1000	56.9	11.7	0.0	0.0	0.0	68.1	2.6	-5.2	0.0	0.0	25.0	0.0	2.0	-23.9
110	452113.39	5027656.63	102.50	1	DEN	2000	54.0	11.7	0.0	0.0	0.0	68.1	6.9	-5.2	0.0	0.0	25.0	0.0	2.0	-31.1
110	452113.39	5027656.63	102.50	1	DEN	4000	46.4	11.7	0.0	0.0	0.0	68.1	23.4	-5.2	0.0	0.0	25.0	0.0	2.0	-55.2
110	452113.39	5027656.63	102.50	1	DEN	8000	38.2	11.7	0.0	0.0	0.0	68.1	83.4	-5.2	0.0	0.0	25.0	0.0	2.0	-123.4
111	452120.65	5027660.04	102.50	1	DEN	1000	56.9	0.6	0.0	0.0	0.0	68.2	2.6	-5.2	0.0	0.0	25.0	0.0	2.0	-35.1
111	452120.65	5027660.04	102.50	1	DEN	2000	54.0	0.6	0.0	0.0	0.0	68.2	7.0	-5.2	0.0	0.0	25.0	0.0	2.0	-42.3
111	452120.65	5027660.04	102.50	1	DEN	4000	46.4	0.6	0.0	0.0	0.0	68.2	23.6	-5.2	0.0	0.0	25.0	0.0	2.0	-66.6
111	452120.65	5027660.04	102.50	1	DEN	8000	38.2	0.6	0.0	0.0	0.0	68.2	84.3	-5.2	0.0	0.0	25.0	0.0	2.0	-135.5
112	452121.53	5027660.45	102.50	1	DEN	1000	56.9	-1.1	0.0	0.0	0.0	68.2	2.6	-5.2	0.0	0.0	25.0	0.0	2.0	-36.9
112	452121.53	5027660.45	102.50	1	DEN	2000	54.0	-1.1	0.0	0.0	0.0	68.2	7.0	-5.2	0.0	0.0	25.0	0.0	2.0	-44.1
112	452121.53	5027660.45	102.50	1	DEN	4000	46.4	-1.1	0.0	0.0	0.0	68.2	23.7	-5.2	0.0	0.0	25.0	0.0	2.0	-68.4
112	452121.53	5027660.45	102.50	1	DEN	8000	38.2	-1.1	0.0	0.0	0.0	68.2	84.4	-5.2	0.0	0.0	25.0	0.0	2.0	-137.4
113	452114.26	5027657.04	102.50	1	DEN	125	46.3	12.3	0.0	0.0	0.0	58.3	0.1	-3.1	0.0	0.0	0.0	0.0	2.0	1.2
113	452114.26	5027657.04	102.50	1	DEN	250	49.2	12.3	0.0	0.0	0.0	58.3	0.2	-0.9	0.0	0.0	0.0	0.0	2.0	1.8
113	452114.26	5027657.04	102.50	1	DEN	500	54.4	12.3	0.0	0.0	0.0	58.3	0.4	-1.7	0.0	0.0	0.0	0.0	2.0	7.5
113	452114.26	5027657.04	102.50	1	DEN	1000	56.9	12.3	0.0	0.0	0.0	58.3	0.9	-3.4	0.0	0.0	0.0	0.0	2.0	11.3
113	452114.26	5027657.04	102.50	1	DEN	2000	54.0	12.3	0.0	0.0	0.0	58.3	2.3	-3.6	0.0	0.0	0.0	0.0	2.0	7.2
113	452114.26	5027657.04	102.50	1	DEN	4000	46.4	12.3	0.0	0.0	0.0	58.3	7.6	-3.6	0.0	0.0	0.0	0.0	2.0	-5.8
113	452114.26	5027657.04	102.50	1	DEN	8000	38.2	12.3	0.0	0.0	0.0	58.3	27.2	-3.6	0.0	0.0	0.0	0.0	2.0	-33.6
114	452114.26	5027657.04	102.50	1	DEN	1000	56.9	12.3	0.0	0.0	0.0	58.6	0.9	-3.2	0.0	0.0	9.8	0.0	2.0	1.0

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahouus (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
114	452114.26	5027657.04	102.50	1	DEN	2000	54.0	12.3	0.0	0.0	0.0	58.6	2.3	-3.5	0.0	0.0	12.2	0.0	2.0	-5.4
114	452114.26	5027657.04	102.50	1	DEN	4000	46.4	12.3	0.0	0.0	0.0	58.6	7.9	-3.5	0.0	0.0	14.8	0.0	2.0	-21.1
114	452114.26	5027657.04	102.50	1	DEN	8000	38.2	12.3	0.0	0.0	0.0	58.6	28.0	-3.5	0.0	0.0	17.6	0.0	2.0	-52.3
115	452144.09	5027675.06	102.50	0	DEN	32	20.1	13.2	0.0	0.0	0.0	59.5	0.0	-4.6	0.0	0.0	0.0	0.0	0.0	-21.5
115	452144.09	5027675.06	102.50	0	DEN	63	36.5	13.2	0.0	0.0	0.0	59.5	0.0	-4.6	0.0	0.0	0.0	0.0	0.0	-5.2
115	452144.09	5027675.06	102.50	0	DEN	125	46.3	13.2	0.0	0.0	0.0	59.5	0.1	-3.4	0.0	0.0	0.0	0.0	0.0	3.3
115	452144.09	5027675.06	102.50	0	DEN	250	49.2	13.2	0.0	0.0	0.0	59.5	0.3	-1.3	0.0	0.0	0.0	0.0	0.0	4.0
115	452144.09	5027675.06	102.50	0	DEN	500	54.4	13.2	0.0	0.0	0.0	59.5	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	9.7
115	452144.09	5027675.06	102.50	0	DEN	1000	56.9	13.2	0.0	0.0	0.0	59.5	1.0	-3.7	0.0	0.0	0.0	0.0	0.0	13.4
115	452144.09	5027675.06	102.50	0	DEN	2000	54.0	13.2	0.0	0.0	0.0	59.5	2.6	-4.0	0.0	0.0	0.0	0.0	0.0	9.1
115	452144.09	5027675.06	102.50	0	DEN	4000	46.4	13.2	0.0	0.0	0.0	59.5	8.7	-4.0	0.0	0.0	0.0	0.0	0.0	-4.6
115	452144.09	5027675.06	102.50	0	DEN	8000	38.2	13.2	0.0	0.0	0.0	59.5	31.0	-4.0	0.0	0.0	0.0	0.0	0.0	-35.1
116	452144.09	5027675.06	102.50	1	DEN	1000	56.9	13.2	0.0	0.0	0.0	68.5	2.7	-5.3	0.0	0.0	25.0	0.0	2.0	-22.9
116	452144.09	5027675.06	102.50	1	DEN	2000	54.0	13.2	0.0	0.0	0.0	68.5	7.2	-5.3	0.0	0.0	25.0	0.0	2.0	-30.3
116	452144.09	5027675.06	102.50	1	DEN	4000	46.4	13.2	0.0	0.0	0.0	68.5	24.5	-5.3	0.0	0.0	25.0	0.0	2.0	-55.2
116	452144.09	5027675.06	102.50	1	DEN	8000	38.2	13.2	0.0	0.0	0.0	68.5	87.5	-5.3	0.0	0.0	25.0	0.0	2.0	-126.4
117	452144.09	5027675.06	102.50	1	DEN	125	46.3	13.2	0.0	0.0	0.0	59.5	0.1	-3.3	0.0	0.0	0.0	0.0	2.0	1.1
117	452144.09	5027675.06	102.50	1	DEN	250	49.2	13.2	0.0	0.0	0.0	59.5	0.3	-1.2	0.0	0.0	0.0	0.0	2.0	1.8
117	452144.09	5027675.06	102.50	1	DEN	500	54.4	13.2	0.0	0.0	0.0	59.5	0.5	-2.0	0.0	0.0	0.0	0.0	2.0	7.5
117	452144.09	5027675.06	102.50	1	DEN	1000	56.9	13.2	0.0	0.0	0.0	59.5	1.0	-3.7	0.0	0.0	0.0	0.0	2.0	11.2
117	452144.09	5027675.06	102.50	1	DEN	2000	54.0	13.2	0.0	0.0	0.0	59.5	2.6	-3.9	0.0	0.0	0.0	0.0	2.0	7.0
117	452144.09	5027675.06	102.50	1	DEN	4000	46.4	13.2	0.0	0.0	0.0	59.5	8.8	-3.9	0.0	0.0	0.0	0.0	2.0	-6.8
117	452144.09	5027675.06	102.50	1	DEN	8000	38.2	13.2	0.0	0.0	0.0	59.5	31.3	-3.9	0.0	0.0	0.0	0.0	2.0	-37.5
118	452136.62	5027670.98	102.50	1	DEN	2000	54.0	6.1	0.0	0.0	0.0	59.5	2.6	-3.7	0.0	0.0	10.8	0.0	2.0	-11.1
118	452136.62	5027670.98	102.50	1	DEN	4000	46.4	6.1	0.0	0.0	0.0	59.5	8.7	-3.7	0.0	0.0	13.3	0.0	2.0	-27.3
118	452136.62	5027670.98	102.50	1	DEN	8000	38.2	6.1	0.0	0.0	0.0	59.5	31.0	-3.7	0.0	0.0	16.0	0.0	2.0	-60.6
119	452140.21	5027672.94	102.50	1	DEN	2000	54.0	6.2	0.0	0.0	0.0	59.6	2.6	-3.8	0.0	0.0	4.8	0.0	2.0	-5.2
119	452140.21	5027672.94	102.50	1	DEN	4000	46.4	6.2	0.0	0.0	0.0	59.6	8.8	-3.8	0.0	0.0	4.9	0.0	2.0	-19.1
119	452140.21	5027672.94	102.50	1	DEN	8000	38.2	6.2	0.0	0.0	0.0	59.6	31.5	-3.8	0.0	0.0	5.1	0.0	2.0	-50.1
120	452145.67	5027675.91	102.50	1	DEN	2000	54.0	9.2	0.0	0.0	0.0	59.8	2.7	-3.8	0.0	0.0	4.8	0.0	2.0	-2.4
120	452145.67	5027675.91	102.50	1	DEN	4000	46.4	9.2	0.0	0.0	0.0	59.8	9.0	-3.8	0.0	0.0	4.9	0.0	2.0	-16.4
120	452145.67	5027675.91	102.50	1	DEN	8000	38.2	9.2	0.0	0.0	0.0	59.8	32.2	-3.8	0.0	0.0	5.0	0.0	2.0	-47.9
121	452152.85	5027679.83	102.50	1	DEN	4000	46.4	0.5	0.0	0.0	0.0	60.0	9.3	-3.8	0.0	0.0	4.8	0.0	2.0	-25.5
121	452152.85	5027679.83	102.50	1	DEN	8000	38.2	0.5	0.0	0.0	0.0	60.0	33.1	-3.8	0.0	0.0	4.9	0.0	2.0	-57.6
122	452128.36	5027665.31	102.50	0	DEN	32	20.1	12.0	0.0	0.0	0.0	58.8	0.0	-4.5	0.0	0.0	0.0	0.0	0.0	-22.2
122	452128.36	5027665.31	102.50	0	DEN	63	36.5	12.0	0.0	0.0	0.0	58.8	0.0	-4.5	0.0	0.0	0.0	0.0	0.0	-5.8
122	452128.36	5027665.31	102.50	0	DEN	125	46.3	12.0	0.0	0.0	0.0	58.8	0.1	-3.3	0.0	0.0	0.0	0.0	0.0	2.6
122	452128.36	5027665.31	102.50	0	DEN	250	49.2	12.0	0.0	0.0	0.0	58.8	0.3	-1.2	0.0	0.0	0.0	0.0	0.0	3.3
122	452128.36	5027665.31	102.50	0	DEN	500	54.4	12.0	0.0	0.0	0.0	58.8	0.5	-1.9	0.0	0.0	0.0	0.0	0.0	9.0
122	452128.36	5027665.31	102.50	0	DEN	1000	56.9	12.0	0.0	0.0	0.0	58.8	0.9	-3.6	0.0	0.0	0.0	0.0	0.0	12.7
122	452128.36	5027665.31	102.50	0	DEN	2000	54.0	12.0	0.0	0.0	0.0	58.8	2.4	-3.8	0.0	0.0	0.0	0.0	0.0	8.6
122	452128.36	5027665.31	102.50	0	DEN	4000	46.4	12.0	0.0	0.0	0.0	58.8	8.1	-3.8	0.0	0.0	0.0	0.0	0.0	-4.7
122	452128.36	5027665.31	102.50	0	DEN	8000	38.2	12.0	0.0	0.0	0.0	58.8	28.8	-3.8	0.0	0.0	0.0	0.0	0.0	-33.7
123	452121.90	5027660.63	102.50	1	DEN	1000	56.9	-11.9	0.0	0.0	0.0	68.2	2.6	-5.2	0.0	0.0	25.0	0.0	2.0	-47.6
123	452121.90	5027660.63	102.50	1	DEN	2000	54.0	-11.9	0.0	0.0	0.0	68.2	7.0	-5.2	0.0	0.0	25.0	0.0	2.0	-54.8
123	452121.90	5027660.63	102.50	1	DEN	4000	46.4	-11.9	0.0	0.0	0.0	68.2	23.7	-5.2	0.0	0.0	25.0	0.0	2.0	-79.1
123	452121.90	5027660.63	102.50	1	DEN	8000	38.2	-11.9	0.0	0.0	0.0	68.2	84.5	-5.2	0.0	0.0	25.0	0.0	2.0	-148.1
124	452122.23	5027660.87	102.50	1	DEN	1000	56.9	-1.3	0.0	0.0	0.0	68.2	2.6	-5.2	0.0	0.0	25.0	0.0	2.0	-37.0
124	452122.23	5027660.87	102.50	1	DEN	2000	54.0	-1.3	0.0	0.0	0.0	68.2	7.0	-5.2	0.0	0.0	25.0	0.0	2.0	-44.3
124	452122.23	5027660.87	102.50	1	DEN	4000	46.4	-1.3	0.0	0.0	0.0	68.2	23.7	-5.2	0.0	0.0	25.0	0.0	2.0	-68.6
124	452122.23	5027660.87	102.50	1	DEN	8000	38.2	-1.3	0.0	0.0	0.0	68.2	84.5	-5.2	0.0	0.0	25.0	0.0	2.0	-137.6
125	452128.69	5027665.55	102.50	1	DEN	1000	56.9	11.8	0.0	0.0	0.0	68.3	2.7	-5.3	0.0	0.0	25.0	0.0	2.0	-24.0
125	452128.69	5027665.55	102.50	1	DEN	2000	54.0	11.8	0.0	0.0	0.0	68.3	7.1	-5.3	0.0	0.0	25.0	0.0	2.0	-31.3
125	452128.69	5027665.55	102.50	1	DEN	4000	46.4	11.8	0.0	0.0	0.0	68.3	24.0	-5.3	0.0	0.0	25.0	0.0	2.0	-55.8
125	452128.69	5027665.55	102.50	1	DEN	8000	38.2	11.8	0.0	0.0	0.0	68.3	85.5	-5.3	0.0	0.0	25.0	0.0	2.0	-125.5
126	452128.36	5027665.31	102.50	1	DEN	125	46.3	12.0	0.0	0.0	0.0	58.9	0.1	-3.3	0.0	0.0	0.0	0.0	2.0	0.5
126	452128.36	5027665.31	102.50	1	DEN	250	49.2	12.0	0.0	0.0	0.0	58.9	0.3	-1.1	0.0	0.0	0.0	0.0	2.0	1.1
126	452128.36	5027665.31	102.50	1	DEN	500	54.4	12.0	0.0	0.0	0.0	58.9	0.5	-1.9	0.0	0.0	0.0	0.0	2.0	6.9
126	452128.36	5027665.31	102.50	1	DEN	1000	56.9	12.0	0.0	0.0	0.0	58.9	0.9	-3.6	0.0	0.0	0.0	0.0	2.0	10.6
126	452128.36	5027665.31	102.50	1	DEN	2000	54.0	12.0	0.0	0.0	0.0	58.9	2.4	-3.8	0.0	0.0	0.0	0.0	2.0	6.5
126	452128.36	5027665.31	102.50	1	DEN	4000	46.4	12.0	0.0	0.0	0.0	58.9	8.2	-3.8	0.0	0.0	0.0	0.0	2.0	-6.9
126	452128.36	5027665.31	102.50	1	DEN	8000	38.2	12.0	0.0	0.0	0.0	58.9	29.1	-3.8	0.0	0.0	0.0	0.0	2.0	-36.0
127	452128.36	5027665.31	102.50	1	DEN	2000	54.0	12.0	0.0	0.0	0.0	59.2	2.5	-3.6	0.0	0.0	11.3	0.0	2.0	-5.3

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
127	452128.36	5027665.31	102.50	1	DEN	4000	46.4	12.0	0.0	0.0	0.0	59.2	8.4	-3.6	0.0	0.0	13.9	0.0	2.0	-21.3	
127	452128.36	5027665.31	102.50	1	DEN	8000	38.2	12.0	0.0	0.0	0.0	59.2	29.9	-3.6	0.0	0.0	16.6	0.0	2.0	-53.8	
128	452149.66	5027680.36	102.50	0	DEN	32	20.1	12.3	0.0	0.0	0.0	59.7	0.0	-4.7	0.0	0.0	0.0	0.0	0.0	-22.6	
128	452149.66	5027680.36	102.50	0	DEN	63	36.5	12.3	0.0	0.0	0.0	59.7	0.0	-4.7	0.0	0.0	0.0	0.0	0.0	-6.3	
128	452149.66	5027680.36	102.50	0	DEN	125	46.3	12.3	0.0	0.0	0.0	59.7	0.1	-3.4	0.0	0.0	0.0	0.0	0.0	2.2	
128	452149.66	5027680.36	102.50	0	DEN	250	49.2	12.3	0.0	0.0	0.0	59.7	0.3	-1.4	0.0	0.0	0.0	0.0	0.0	2.9	
128	452149.66	5027680.36	102.50	0	DEN	500	54.4	12.3	0.0	0.0	0.0	59.7	0.5	-2.1	0.0	0.0	0.0	0.0	0.0	8.6	
128	452149.66	5027680.36	102.50	0	DEN	1000	56.9	12.3	0.0	0.0	0.0	59.7	1.0	-3.8	0.0	0.0	0.0	0.0	0.0	12.3	
128	452149.66	5027680.36	102.50	0	DEN	2000	54.0	12.3	0.0	0.0	0.0	59.7	2.6	-4.0	0.0	0.0	0.0	0.0	0.0	8.0	
128	452149.66	5027680.36	102.50	0	DEN	4000	46.4	12.3	0.0	0.0	0.0	59.7	8.9	-4.0	0.0	0.0	0.0	0.0	0.0	-5.9	
128	452149.66	5027680.36	102.50	0	DEN	8000	38.2	12.3	0.0	0.0	0.0	59.7	31.8	-4.0	0.0	0.0	0.0	0.0	0.0	-37.0	
129	452149.66	5027680.36	102.50	1	DEN	1000	56.9	12.3	0.0	0.0	0.0	68.6	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-23.9	
129	452149.66	5027680.36	102.50	1	DEN	2000	54.0	12.3	0.0	0.0	0.0	68.6	7.3	-5.3	0.0	0.0	25.0	0.0	2.0	-31.3	
129	452149.66	5027680.36	102.50	1	DEN	4000	46.4	12.3	0.0	0.0	0.0	68.6	24.8	-5.3	0.0	0.0	25.0	0.0	2.0	-56.4	
129	452149.66	5027680.36	102.50	1	DEN	8000	38.2	12.3	0.0	0.0	0.0	68.6	88.4	-5.3	0.0	0.0	25.0	0.0	2.0	-128.2	
130	452149.66	5027680.36	102.50	1	DEN	125	46.3	12.3	0.0	0.0	0.0	59.8	0.1	-3.4	0.0	0.0	0.0	0.0	2.0	0.1	
130	452149.66	5027680.36	102.50	1	DEN	250	49.2	12.3	0.0	0.0	0.0	59.8	0.3	-1.3	0.0	0.0	0.0	0.0	2.0	0.7	
130	452149.66	5027680.36	102.50	1	DEN	500	54.4	12.3	0.0	0.0	0.0	59.8	0.5	-2.1	0.0	0.0	0.0	0.0	2.0	6.5	
130	452149.66	5027680.36	102.50	1	DEN	1000	56.9	12.3	0.0	0.0	0.0	59.8	1.0	-3.7	0.0	0.0	0.0	0.0	2.0	10.1	
130	452149.66	5027680.36	102.50	1	DEN	2000	54.0	12.3	0.0	0.0	0.0	59.8	2.7	-4.0	0.0	0.0	0.0	0.0	2.0	5.8	
130	452149.66	5027680.36	102.50	1	DEN	4000	46.4	12.3	0.0	0.0	0.0	59.8	9.0	-4.0	0.0	0.0	0.0	0.0	2.0	-8.1	
130	452149.66	5027680.36	102.50	1	DEN	8000	38.2	12.3	0.0	0.0	0.0	59.8	32.1	-4.0	0.0	0.0	0.0	0.0	2.0	-39.4	
131	452150.28	5027680.52	102.50	1	DEN	2000	54.0	6.7	0.0	0.0	0.0	60.0	2.7	-3.8	0.0	0.0	4.8	0.0	2.0	-5.0	
131	452150.28	5027680.52	102.50	1	DEN	4000	46.4	6.7	0.0	0.0	0.0	60.0	9.2	-3.8	0.0	0.0	4.9	0.0	2.0	-19.2	
131	452150.28	5027680.52	102.50	1	DEN	8000	38.2	6.7	0.0	0.0	0.0	60.0	32.9	-3.8	0.0	0.0	4.9	0.0	2.0	-51.2	
132	452146.83	5027679.63	102.50	1	DEN	2000	54.0	3.8	0.0	0.0	0.0	59.9	2.7	-3.8	0.0	0.0	4.8	0.0	2.0	-7.8	
132	452146.83	5027679.63	102.50	1	DEN	4000	46.4	3.8	0.0	0.0	0.0	59.9	9.1	-3.8	0.0	0.0	4.9	0.0	2.0	-21.9	
132	452146.83	5027679.63	102.50	1	DEN	8000	38.2	3.8	0.0	0.0	0.0	59.9	32.6	-3.8	0.0	0.0	5.0	0.0	2.0	-53.7	
133	452143.51	5027678.77	102.50	1	DEN	2000	54.0	6.5	0.0	0.0	0.0	59.8	2.7	-3.8	0.0	0.0	10.5	0.0	2.0	-10.7	
133	452143.51	5027678.77	102.50	1	DEN	4000	46.4	6.5	0.0	0.0	0.0	59.8	9.0	-3.8	0.0	0.0	12.9	0.0	2.0	-27.2	
133	452143.51	5027678.77	102.50	1	DEN	8000	38.2	6.5	0.0	0.0	0.0	59.8	32.2	-3.8	0.0	0.0	15.6	0.0	2.0	-61.2	
134	452156.22	5027682.06	102.50	1	DEN	4000	46.4	5.6	0.0	0.0	0.0	60.2	9.4	-3.9	0.0	0.0	4.8	0.0	2.0	-20.6	
134	452156.22	5027682.06	102.50	1	DEN	8000	38.2	5.6	0.0	0.0	0.0	60.2	33.6	-3.9	0.0	0.0	4.9	0.0	2.0	-53.1	
135	452170.21	5027677.21	102.50	0	DEN	32	20.1	11.3	0.0	0.0	0.0	60.2	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-24.1	
135	452170.21	5027677.21	102.50	0	DEN	63	36.5	11.3	0.0	0.0	0.0	60.2	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-7.7	
135	452170.21	5027677.21	102.50	0	DEN	125	46.3	11.3	0.0	0.0	0.0	60.2	0.1	-3.2	0.0	0.0	0.0	0.0	0.0	0.4	
135	452170.21	5027677.21	102.50	0	DEN	250	49.2	11.3	0.0	0.0	0.0	60.2	0.3	-0.9	0.0	0.0	0.0	0.0	0.0	0.9	
135	452170.21	5027677.21	102.50	0	DEN	500	54.4	11.3	0.0	0.0	0.0	60.2	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	6.7	
135	452170.21	5027677.21	102.50	0	DEN	1000	56.9	11.3	0.0	0.0	0.0	60.2	1.1	-3.7	0.0	0.0	0.0	0.0	0.0	10.5	
135	452170.21	5027677.21	102.50	0	DEN	2000	54.0	11.3	0.0	0.0	0.0	60.2	2.8	-3.9	0.0	0.0	0.0	0.0	0.0	6.2	
135	452170.21	5027677.21	102.50	0	DEN	4000	46.4	11.3	0.0	0.0	0.0	60.2	9.5	-3.9	0.0	0.0	0.0	0.0	0.0	-8.1	
135	452170.21	5027677.21	102.50	0	DEN	8000	38.2	11.3	0.0	0.0	0.0	60.2	33.9	-3.9	0.0	0.0	0.0	0.0	0.0	-40.7	
136	452166.33	5027680.46	102.50	1	DEN	1000	56.9	5.4	0.0	0.0	0.0	68.7	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-31.0	
136	452166.33	5027680.46	102.50	1	DEN	2000	54.0	5.4	0.0	0.0	0.0	68.7	7.4	-5.3	0.0	0.0	25.0	0.0	2.0	-38.5	
136	452166.33	5027680.46	102.50	1	DEN	4000	46.4	5.4	0.0	0.0	0.0	68.7	25.2	-5.3	0.0	0.0	25.0	0.0	2.0	-63.9	
136	452166.33	5027680.46	102.50	1	DEN	8000	38.2	5.4	0.0	0.0	0.0	68.7	89.9	-5.3	0.0	0.0	25.0	0.0	2.0	-136.7	
137	452171.26	5027676.33	102.50	1	DEN	1000	56.9	9.7	0.0	0.0	0.0	68.7	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-26.6	
137	452171.26	5027676.33	102.50	1	DEN	2000	54.0	9.7	0.0	0.0	0.0	68.7	7.4	-5.3	0.0	0.0	25.0	0.0	2.0	-34.2	
137	452171.26	5027676.33	102.50	1	DEN	4000	46.4	9.7	0.0	0.0	0.0	68.7	25.2	-5.3	0.0	0.0	25.0	0.0	2.0	-59.6	
137	452171.26	5027676.33	102.50	1	DEN	8000	38.2	9.7	0.0	0.0	0.0	68.7	90.0	-5.3	0.0	0.0	25.0	0.0	2.0	-132.5	
138	452175.14	5027673.08	102.50	1	DEN	1000	56.9	-1.5	0.0	0.0	0.0	68.7	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-37.9	
138	452175.14	5027673.08	102.50	1	DEN	2000	54.0	-1.5	0.0	0.0	0.0	68.7	7.4	-5.3	0.0	0.0	25.0	0.0	2.0	-45.5	
138	452175.14	5027673.08	102.50	1	DEN	4000	46.4	-1.5	0.0	0.0	0.0	68.7	25.3	-5.3	0.0	0.0	25.0	0.0	2.0	-70.9	
138	452175.14	5027673.08	102.50	1	DEN	8000	38.2	-1.5	0.0	0.0	0.0	68.7	90.1	-5.3	0.0	0.0	25.0	0.0	2.0	-143.9	
139	452170.21	5027677.21	102.50	1	DEN	125	46.3	11.3	0.0	0.0	0.0	60.3	0.1	-3.4	0.0	0.0	0.0	0.0	2.0	-1.5	
139	452170.21	5027677.21	102.50	1	DEN	250	49.2	11.3	0.0	0.0	0.0	60.3	0.3	-1.3	0.0	0.0	0.0	0.0	2.0	-0.8	
139	452170.21	5027677.21	102.50	1	DEN	500	54.4	11.3	0.0	0.0	0.0	60.3	0.6	-2.1	0.0	0.0	0.0	0.0	2.0	4.9	
139	452170.21	5027677.21	102.50	1	DEN	1000	56.9	11.3	0.0	0.0	0.0	60.3	1.1	-3.7	0.0	0.0	0.0	0.0	2.0	8.5	
139	452170.21	5027677.21	102.50	1	DEN	2000	54.0	11.3	0.0	0.0	0.0	60.3	2.8	-4.0	0.0	0.0	0.0	0.0	2.0	4.1	
139	452170.21	5027677.21	102.50	1	DEN	4000	46.4	11.3	0.0	0.0	0.0	60.3	9.6	-4.0	0.0	0.0	0.0	0.0	2.0	-10.2	
139	452170.21	5027677.21	102.50	1	DEN	8000	38.2	11.3	0.0	0.0	0.0	60.3	34.2	-4.0	0.0	0.0	0.0	0.0	2.0	-43.0	
140	452175.28	5027672.96	102.50	1	DEN	500	54.4	-4.8	0.0	0.0	0.0	60.6	0.6	-1.7	0.0	0.0	14.6	0.0	2.0	-26.5	
140	452175.28	5027672.96	102.50	1	DEN	1000	56.9	-4.8	0.0	0.0	0.0	60.6	1.1	-3.6	0.0	0.0	18.6	0.0	2.0	-26.7	

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahou5	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
140	452175.28	5027672.96	102.50	1	DEN	2000	54.0	-4.8	0.0	0.0	0.0	60.6	2.9	-3.9	0.0	0.0	22.2	0.0	2.0	-34.7
140	452175.28	5027672.96	102.50	1	DEN	4000	46.4	-4.8	0.0	0.0	0.0	60.6	9.9	-3.9	0.0	0.0	25.0	0.0	2.0	-52.1
140	452175.28	5027672.96	102.50	1	DEN	8000	38.2	-4.8	0.0	0.0	0.0	60.6	35.4	-3.9	0.0	0.0	25.0	0.0	2.0	-85.8
141	452165.54	5027681.12	102.50	1	DEN	2000	54.0	-10.4	0.0	0.0	0.0	60.6	2.9	-3.9	0.0	0.0	13.4	0.0	2.0	-31.5
141	452165.54	5027681.12	102.50	1	DEN	4000	46.4	-10.4	0.0	0.0	0.0	60.6	9.9	-3.9	0.0	0.0	16.1	0.0	2.0	-48.8
141	452165.54	5027681.12	102.50	1	DEN	8000	38.2	-10.4	0.0	0.0	0.0	60.6	35.4	-3.9	0.0	0.0	19.0	0.0	2.0	-85.3
142	452166.50	5027680.32	102.50	1	DEN	2000	54.0	3.8	0.0	0.0	0.0	60.6	2.9	-3.9	0.0	0.0	13.4	0.0	2.0	-17.2
142	452166.50	5027680.32	102.50	1	DEN	4000	46.4	3.8	0.0	0.0	0.0	60.6	9.9	-3.9	0.0	0.0	16.1	0.0	2.0	-34.5
142	452166.50	5027680.32	102.50	1	DEN	8000	38.2	3.8	0.0	0.0	0.0	60.6	35.4	-3.9	0.0	0.0	18.9	0.0	2.0	-71.1
143	452171.31	5027676.28	102.50	1	DEN	2000	54.0	10.1	0.0	0.0	0.0	60.6	2.9	-3.9	0.0	0.0	13.1	0.0	2.0	-10.7
143	452171.31	5027676.28	102.50	1	DEN	4000	46.4	10.1	0.0	0.0	0.0	60.6	9.9	-3.9	0.0	0.0	15.8	0.0	2.0	-28.0
143	452171.31	5027676.28	102.50	1	DEN	8000	38.2	10.1	0.0	0.0	0.0	60.6	35.5	-3.9	0.0	0.0	18.6	0.0	2.0	-64.6
144	452175.25	5027672.98	102.50	1	DEN	2000	54.0	-9.0	0.0	0.0	0.0	60.7	2.9	-3.9	0.0	0.0	12.9	0.0	2.0	-29.7
144	452175.25	5027672.98	102.50	1	DEN	4000	46.4	-9.0	0.0	0.0	0.0	60.7	10.0	-3.9	0.0	0.0	15.5	0.0	2.0	-47.0
144	452175.25	5027672.98	102.50	1	DEN	8000	38.2	-9.0	0.0	0.0	0.0	60.7	35.5	-3.9	0.0	0.0	18.4	0.0	2.0	-83.5
145	452165.88	5027680.83	102.50	1	DEN	4000	46.4	3.6	0.0	0.0	0.0	60.3	9.6	-3.9	0.0	0.0	4.8	0.0	2.0	-22.9
145	452165.88	5027680.83	102.50	1	DEN	8000	38.2	3.6	0.0	0.0	0.0	60.3	34.3	-3.9	0.0	0.0	4.9	0.0	2.0	-55.9
146	452159.17	5027680.83	102.50	0	DEN	32	20.1	10.7	0.0	0.0	0.0	60.0	0.0	-4.7	0.0	0.0	0.0	0.0	0.0	-24.5
146	452159.17	5027680.83	102.50	0	DEN	63	36.5	10.7	0.0	0.0	0.0	60.0	0.0	-4.7	0.0	0.0	0.0	0.0	0.0	-8.1
146	452159.17	5027680.83	102.50	0	DEN	125	46.3	10.7	0.0	0.0	0.0	60.0	0.1	-3.4	0.0	0.0	0.0	0.0	0.0	0.3
146	452159.17	5027680.83	102.50	0	DEN	250	49.2	10.7	0.0	0.0	0.0	60.0	0.3	-1.4	0.0	0.0	0.0	0.0	0.0	1.0
146	452159.17	5027680.83	102.50	0	DEN	500	54.4	10.7	0.0	0.0	0.0	60.0	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	6.7
146	452159.17	5027680.83	102.50	0	DEN	1000	56.9	10.7	0.0	0.0	0.0	60.0	1.0	-3.8	0.0	0.0	0.0	0.0	0.0	10.4
146	452159.17	5027680.83	102.50	0	DEN	2000	54.0	10.7	0.0	0.0	0.0	60.0	2.7	-4.1	0.0	0.0	0.0	0.0	0.0	6.0
146	452159.17	5027680.83	102.50	0	DEN	4000	46.4	10.7	0.0	0.0	0.0	60.0	9.2	-4.1	0.0	0.0	0.0	0.0	0.0	-8.1
146	452159.17	5027680.83	102.50	0	DEN	8000	38.2	10.7	0.0	0.0	0.0	60.0	32.9	-4.1	0.0	0.0	0.0	0.0	0.0	-39.9
147	452154.85	5027680.29	102.50	1	DEN	1000	56.9	4.8	0.0	0.0	0.0	68.6	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-31.4
147	452154.85	5027680.29	102.50	1	DEN	2000	54.0	4.8	0.0	0.0	0.0	68.6	7.3	-5.3	0.0	0.0	25.0	0.0	2.0	-38.9
147	452154.85	5027680.29	102.50	1	DEN	4000	46.4	4.8	0.0	0.0	0.0	68.6	24.9	-5.3	0.0	0.0	25.0	0.0	2.0	-64.0
147	452154.85	5027680.29	102.50	1	DEN	8000	38.2	4.8	0.0	0.0	0.0	68.6	88.9	-5.3	0.0	0.0	25.0	0.0	2.0	-136.2
148	452157.68	5027680.65	102.50	1	DEN	1000	56.9	4.3	0.0	0.0	0.0	68.6	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-32.0
148	452157.68	5027680.65	102.50	1	DEN	2000	54.0	4.3	0.0	0.0	0.0	68.6	7.4	-5.3	0.0	0.0	25.0	0.0	2.0	-39.5
148	452157.68	5027680.65	102.50	1	DEN	4000	46.4	4.3	0.0	0.0	0.0	68.6	25.0	-5.3	0.0	0.0	25.0	0.0	2.0	-64.7
148	452157.68	5027680.65	102.50	1	DEN	8000	38.2	4.3	0.0	0.0	0.0	68.6	89.1	-5.3	0.0	0.0	25.0	0.0	2.0	-137.0
149	452162.01	5027681.19	102.50	1	DEN	1000	56.9	7.8	0.0	0.0	0.0	68.7	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-28.5
149	452162.01	5027681.19	102.50	1	DEN	2000	54.0	7.8	0.0	0.0	0.0	68.7	7.4	-5.3	0.0	0.0	25.0	0.0	2.0	-36.0
149	452162.01	5027681.19	102.50	1	DEN	4000	46.4	7.8	0.0	0.0	0.0	68.7	25.1	-5.3	0.0	0.0	25.0	0.0	2.0	-61.3
149	452162.01	5027681.19	102.50	1	DEN	8000	38.2	7.8	0.0	0.0	0.0	68.7	89.6	-5.3	0.0	0.0	25.0	0.0	2.0	-134.0
150	452159.17	5027680.83	102.50	1	DEN	125	46.3	10.7	0.0	0.0	0.0	60.1	0.1	-3.4	0.0	0.0	0.0	0.0	2.0	-1.9
150	452159.17	5027680.83	102.50	1	DEN	250	49.2	10.7	0.0	0.0	0.0	60.1	0.3	-1.3	0.0	0.0	0.0	0.0	2.0	-1.2
150	452159.17	5027680.83	102.50	1	DEN	500	54.4	10.7	0.0	0.0	0.0	60.1	0.5	-2.1	0.0	0.0	0.0	0.0	2.0	4.5
150	452159.17	5027680.83	102.50	1	DEN	1000	56.9	10.7	0.0	0.0	0.0	60.1	1.0	-3.7	0.0	0.0	0.0	0.0	2.0	8.2
150	452159.17	5027680.83	102.50	1	DEN	2000	54.0	10.7	0.0	0.0	0.0	60.1	2.7	-4.0	0.0	0.0	0.0	0.0	2.0	3.8
150	452159.17	5027680.83	102.50	1	DEN	4000	46.4	10.7	0.0	0.0	0.0	60.1	9.3	-4.0	0.0	0.0	0.0	0.0	2.0	-10.3
150	452159.17	5027680.83	102.50	1	DEN	8000	38.2	10.7	0.0	0.0	0.0	60.1	33.2	-4.0	0.0	0.0	0.0	0.0	2.0	-42.4
151	452159.17	5027680.83	102.50	1	DEN	4000	46.4	10.7	0.0	0.0	0.0	60.2	9.5	-3.9	0.0	0.0	4.8	0.0	2.0	-15.5
151	452159.17	5027680.83	102.50	1	DEN	8000	38.2	10.7	0.0	0.0	0.0	60.2	33.7	-3.9	0.0	0.0	4.9	0.0	2.0	-48.1
152	452178.69	5027670.46	102.50	0	DEN	32	20.1	9.1	0.0	0.0	0.0	60.4	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-26.5
152	452178.69	5027670.46	102.50	0	DEN	63	36.5	9.1	0.0	0.0	0.0	60.4	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-10.1
152	452178.69	5027670.46	102.50	0	DEN	125	46.3	9.1	0.0	0.0	0.0	60.4	0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-1.9
152	452178.69	5027670.46	102.50	0	DEN	250	49.2	9.1	0.0	0.0	0.0	60.4	0.3	-1.1	0.0	0.0	0.0	0.0	0.0	-1.4
152	452178.69	5027670.46	102.50	0	DEN	500	54.4	9.1	0.0	0.0	0.0	60.4	0.6	-1.9	0.0	0.0	0.0	0.0	0.0	4.4
152	452178.69	5027670.46	102.50	0	DEN	1000	56.9	9.1	0.0	0.0	0.0	60.4	1.1	-3.7	0.0	0.0	0.0	0.0	0.0	8.1
152	452178.69	5027670.46	102.50	0	DEN	2000	54.0	9.1	0.0	0.0	0.0	60.4	2.9	-4.0	0.0	0.0	0.0	0.0	0.0	3.7
152	452178.69	5027670.46	102.50	0	DEN	4000	46.4	9.1	0.0	0.0	0.0	60.4	9.7	-4.0	0.0	0.0	0.0	0.0	0.0	-10.7
152	452178.69	5027670.46	102.50	0	DEN	8000	38.2	9.1	0.0	0.0	0.0	60.4	34.5	-4.0	0.0	0.0	0.0	0.0	0.0	-43.7
153	452183.15	5027667.20	102.50	0	DEN	32	20.1	4.7	0.0	0.0	0.0	60.5	0.0	-4.8	0.0	0.0	1.8	0.0	0.0	-32.8
153	452183.15	5027667.20	102.50	0	DEN	63	36.5	4.7	0.0	0.0	0.0	60.5	0.0	-4.8	0.0	0.0	1.8	0.0	0.0	-16.4
153	452183.15	5027667.20	102.50	0	DEN	125	46.3	4.7	0.0	0.0	0.0	60.5	0.1	-3.1	0.0	0.0	1.8	0.0	0.0	-8.4
153	452183.15	5027667.20	102.50	0	DEN	250	49.2	4.7	0.0	0.0	0.0	60.5	0.3	-0.7	0.0	0.0	1.8	0.0	0.0	-8.1
153	452183.15	5027667.20	102.50	0	DEN	500	54.4	4.7	0.0	0.0	0.0	60.5	0.6	-1.6	0.0	0.0	1.8	0.0	0.0	-2.3
153	452183.15	5027667.20	102.50	0	DEN	1000	56.9	4.7	0.0	0.0	0.0	60.5	1.1	-3.5	0.0	0.0	1.9	0.0	0.0	1.6
153	452183.15	5027667.20	102.50	0	DEN	2000	54.0	4.7	0.0	0.0	0.0	60.5	2.9	-3.8	0.0	0.0	2.1	0.0	0.0	-3.0

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
153	452183.15	5027667.20	102.50	0	DEN	4000	46.4	4.7	0.0	0.0	0.0	60.5	9.8	-3.8	0.0	0.0	2.3	0.0	0.0	-17.7	
153	452183.15	5027667.20	102.50	0	DEN	8000	38.2	4.7	0.0	0.0	0.0	60.5	34.9	-3.8	0.0	0.0	2.7	0.0	0.0	-51.4	
154	452176.51	5027672.04	102.50	1	DEN	1000	56.9	4.4	0.0	0.0	0.0	68.7	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-32.0	
154	452176.51	5027672.04	102.50	1	DEN	2000	54.0	4.4	0.0	0.0	0.0	68.7	7.5	-5.3	0.0	0.0	25.0	0.0	2.0	-39.6	
154	452176.51	5027672.04	102.50	1	DEN	4000	46.4	4.4	0.0	0.0	0.0	68.7	25.3	-5.3	0.0	0.0	25.0	0.0	2.0	-65.0	
154	452176.51	5027672.04	102.50	1	DEN	8000	38.2	4.4	0.0	0.0	0.0	68.7	90.1	-5.3	0.0	0.0	25.0	0.0	2.0	-138.1	
155	452178.27	5027670.76	102.50	1	DEN	125	46.3	8.5	0.0	0.0	0.0	60.5	0.1	-3.2	0.0	0.0	0.0	0.0	2.0	-4.6	
155	452178.27	5027670.76	102.50	1	DEN	250	49.2	8.5	0.0	0.0	0.0	60.5	0.3	-1.0	0.0	0.0	0.0	0.0	2.0	-4.1	
155	452178.27	5027670.76	102.50	1	DEN	500	54.4	8.5	0.0	0.0	0.0	60.5	0.6	-1.9	0.0	0.0	0.0	0.0	2.0	1.7	
155	452178.27	5027670.76	102.50	1	DEN	1000	56.9	8.5	0.0	0.0	0.0	60.5	1.1	-3.7	0.0	0.0	0.0	0.0	2.0	5.4	
155	452178.27	5027670.76	102.50	1	DEN	2000	54.0	8.5	0.0	0.0	0.0	60.5	2.9	-3.9	0.0	0.0	0.0	0.0	2.0	1.0	
155	452178.27	5027670.76	102.50	1	DEN	4000	46.4	8.5	0.0	0.0	0.0	60.5	9.8	-3.9	0.0	0.0	0.0	0.0	2.0	-13.4	
155	452178.27	5027670.76	102.50	1	DEN	8000	38.2	8.5	0.0	0.0	0.0	60.5	34.8	-3.9	0.0	0.0	0.0	0.0	2.0	-46.7	
156	452182.73	5027667.51	102.50	1	DEN	125	46.3	6.0	0.0	0.0	0.0	60.6	0.1	-3.2	0.0	0.0	4.8	0.0	2.0	-12.0	
156	452182.73	5027667.51	102.50	1	DEN	250	49.2	6.0	0.0	0.0	0.0	60.6	0.3	-1.0	0.0	0.0	4.8	0.0	2.0	-11.5	
156	452182.73	5027667.51	102.50	1	DEN	500	54.4	6.0	0.0	0.0	0.0	60.6	0.6	-1.8	0.0	0.0	4.8	0.0	2.0	-5.7	
156	452182.73	5027667.51	102.50	1	DEN	1000	56.9	6.0	0.0	0.0	0.0	60.6	1.1	-3.6	0.0	0.0	4.8	0.0	2.0	-2.0	
156	452182.73	5027667.51	102.50	1	DEN	2000	54.0	6.0	0.0	0.0	0.0	60.6	2.9	-3.9	0.0	0.0	4.8	0.0	2.0	-6.4	
156	452182.73	5027667.51	102.50	1	DEN	4000	46.4	6.0	0.0	0.0	0.0	60.6	9.9	-3.9	0.0	0.0	4.8	0.0	2.0	-21.0	
156	452182.73	5027667.51	102.50	1	DEN	8000	38.2	6.0	0.0	0.0	0.0	60.6	35.2	-3.9	0.0	0.0	4.8	0.0	2.0	-54.5	
157	452177.12	5027671.60	102.50	1	DEN	500	54.4	6.3	0.0	0.0	0.0	60.7	0.6	-1.7	0.0	0.0	14.5	0.0	2.0	-15.4	
157	452177.12	5027671.60	102.50	1	DEN	1000	56.9	6.3	0.0	0.0	0.0	60.7	1.1	-3.6	0.0	0.0	18.6	0.0	2.0	-15.7	
157	452177.12	5027671.60	102.50	1	DEN	2000	54.0	6.3	0.0	0.0	0.0	60.7	2.9	-3.9	0.0	0.0	22.2	0.0	2.0	-23.7	
157	452177.12	5027671.60	102.50	1	DEN	4000	46.4	6.3	0.0	0.0	0.0	60.7	10.0	-3.9	0.0	0.0	25.0	0.0	2.0	-41.2	
157	452177.12	5027671.60	102.50	1	DEN	8000	38.2	6.3	0.0	0.0	0.0	60.7	35.6	-3.9	0.0	0.0	25.0	0.0	2.0	-75.0	
158	452162.48	5027682.94	102.50	0	DEN	32	20.1	9.6	0.0	0.0	0.0	60.1	0.0	-4.7	0.0	0.0	0.0	0.0	0.0	-25.7	
158	452162.48	5027682.94	102.50	0	DEN	63	36.5	9.6	0.0	0.0	0.0	60.1	0.0	-4.7	0.0	0.0	0.0	0.0	0.0	-9.4	
158	452162.48	5027682.94	102.50	0	DEN	125	46.3	9.6	0.0	0.0	0.0	60.1	0.1	-3.5	0.0	0.0	0.0	0.0	0.0	-0.9	
158	452162.48	5027682.94	102.50	0	DEN	250	49.2	9.6	0.0	0.0	0.0	60.1	0.3	-1.4	0.0	0.0	0.0	0.0	0.0	-0.3	
158	452162.48	5027682.94	102.50	0	DEN	500	54.4	9.6	0.0	0.0	0.0	60.1	0.5	-2.2	0.0	0.0	0.0	0.0	0.0	5.5	
158	452162.48	5027682.94	102.50	0	DEN	1000	56.9	9.6	0.0	0.0	0.0	60.1	1.0	-3.8	0.0	0.0	0.0	0.0	0.0	9.1	
158	452162.48	5027682.94	102.50	0	DEN	2000	54.0	9.6	0.0	0.0	0.0	60.1	2.8	-4.1	0.0	0.0	0.0	0.0	0.0	4.8	
158	452162.48	5027682.94	102.50	0	DEN	4000	46.4	9.6	0.0	0.0	0.0	60.1	9.3	-4.1	0.0	0.0	0.0	0.0	0.0	-9.4	
158	452162.48	5027682.94	102.50	0	DEN	8000	38.2	9.6	0.0	0.0	0.0	60.1	33.3	-4.1	0.0	0.0	0.0	0.0	0.0	-41.6	
159	452164.13	5027683.09	102.50	1	DEN	1000	56.9	7.6	0.0	0.0	0.0	68.7	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-28.7	
159	452164.13	5027683.09	102.50	1	DEN	2000	54.0	7.6	0.0	0.0	0.0	68.7	7.4	-5.3	0.0	0.0	25.0	0.0	2.0	-36.3	
159	452164.13	5027683.09	102.50	1	DEN	4000	46.4	7.6	0.0	0.0	0.0	68.7	25.2	-5.3	0.0	0.0	25.0	0.0	2.0	-61.6	
159	452164.13	5027683.09	102.50	1	DEN	8000	38.2	7.6	0.0	0.0	0.0	68.7	89.9	-5.3	0.0	0.0	25.0	0.0	2.0	-134.5	
160	452159.97	5027682.70	102.50	1	DEN	1000	56.9	4.1	0.0	0.0	0.0	68.7	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-32.2	
160	452159.97	5027682.70	102.50	1	DEN	2000	54.0	4.1	0.0	0.0	0.0	68.7	7.4	-5.3	0.0	0.0	25.0	0.0	2.0	-39.7	
160	452159.97	5027682.70	102.50	1	DEN	4000	46.4	4.1	0.0	0.0	0.0	68.7	25.1	-5.3	0.0	0.0	25.0	0.0	2.0	-65.0	
160	452159.97	5027682.70	102.50	1	DEN	8000	38.2	4.1	0.0	0.0	0.0	68.7	89.5	-5.3	0.0	0.0	25.0	0.0	2.0	-137.6	
161	452158.33	5027682.55	102.50	1	DEN	1000	56.9	-1.3	0.0	0.0	0.0	68.7	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-37.6	
161	452158.33	5027682.55	102.50	1	DEN	2000	54.0	-1.3	0.0	0.0	0.0	68.7	7.4	-5.3	0.0	0.0	25.0	0.0	2.0	-45.1	
161	452158.33	5027682.55	102.50	1	DEN	4000	46.4	-1.3	0.0	0.0	0.0	68.7	25.1	-5.3	0.0	0.0	25.0	0.0	2.0	-70.4	
161	452158.33	5027682.55	102.50	1	DEN	8000	38.2	-1.3	0.0	0.0	0.0	68.7	89.4	-5.3	0.0	0.0	25.0	0.0	2.0	-142.9	
162	452162.48	5027682.94	102.50	1	DEN	125	46.3	9.6	0.0	0.0	0.0	60.2	0.1	-3.4	0.0	0.0	0.0	0.0	2.0	-3.1	
162	452162.48	5027682.94	102.50	1	DEN	250	49.2	9.6	0.0	0.0	0.0	60.2	0.3	-1.3	0.0	0.0	0.0	0.0	2.0	-2.4	
162	452162.48	5027682.94	102.50	1	DEN	500	54.4	9.6	0.0	0.0	0.0	60.2	0.6	-2.1	0.0	0.0	0.0	0.0	2.0	3.3	
162	452162.48	5027682.94	102.50	1	DEN	1000	56.9	9.6	0.0	0.0	0.0	60.2	1.1	-3.8	0.0	0.0	0.0	0.0	2.0	7.0	
162	452162.48	5027682.94	102.50	1	DEN	2000	54.0	9.6	0.0	0.0	0.0	60.2	2.8	-4.0	0.0	0.0	0.0	0.0	2.0	2.6	
162	452162.48	5027682.94	102.50	1	DEN	4000	46.4	9.6	0.0	0.0	0.0	60.2	9.4	-4.0	0.0	0.0	0.0	0.0	2.0	-11.7	
162	452162.48	5027682.94	102.50	1	DEN	8000	38.2	9.6	0.0	0.0	0.0	60.2	33.6	-4.0	0.0	0.0	0.0	0.0	2.0	-44.0	
163	452162.48	5027682.94	102.50	1	DEN	4000	46.4	9.6	0.0	0.0	0.0	60.3	9.6	-3.9	0.0	0.0	4.8	0.0	2.0	-16.9	
163	452162.48	5027682.94	102.50	1	DEN	8000	38.2	9.6	0.0	0.0	0.0	60.3	34.2	-3.9	0.0	0.0	4.9	0.0	2.0	-49.7	
164	452178.60	5027677.68	102.50	0	DEN	32	20.1	9.8	0.0	0.0	0.0	60.5	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-25.8	
164	452178.60	5027677.68	102.50	0	DEN	63	36.5	9.8	0.0	0.0	0.0	60.5	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-9.4	
164	452178.60	5027677.68	102.50	0	DEN	125	46.3	9.8	0.0	0.0	0.0	60.5	0.1	-3.2	0.0	0.0	0.0	0.0	0.0	-1.3	
164	452178.60	5027677.68	102.50	0	DEN	250	49.2	9.8	0.0	0.0	0.0	60.5	0.3	-1.0	0.0	0.0	0.0	0.0	0.0	-0.8	
164	452178.60	5027677.68	102.50	0	DEN	500	54.4	9.8	0.0	0.0	0.0	60.5	0.6	-1.8	0.0	0.0	0.0	0.0	0.0	5.0	
164	452178.60	5027677.68	102.50	0	DEN	1000	56.9	9.8	0.0	0.0	0.0	60.5	1.1	-3.7	0.0	0.0	0.0	0.0	0.0	8.8	
164	452178.60	5027677.68	102.50	0	DEN	2000	54.0	9.8	0.0	0.0	0.0	60.5	2.9	-4.0	0.0	0.0	0.0	0.0	0.0	4.4	
164	452178.60	5027677.68	102.50	0	DEN	4000	46.4	9.8	0.0	0.0	0.0	60.5	9.8	-4.0	0.0	0.0	0.0	0.0	0.0	-10.1	

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)
164	452178.60	5027677.68	102.50	0	DEN	8000	38.2	9.8	0.0	0.0	0.0	60.5	34.8	-4.0	0.0	0.0	0.0	0.0	0.0	-43.3
165	452180.69	5027676.07	102.50	1	DEN	1000	56.9	5.4	0.0	0.0	0.0	68.8	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-31.1
165	452180.69	5027676.07	102.50	1	DEN	2000	54.0	5.4	0.0	0.0	0.0	68.8	7.5	-5.3	0.0	0.0	25.0	0.0	2.0	-38.7
165	452180.69	5027676.07	102.50	1	DEN	4000	46.4	5.4	0.0	0.0	0.0	68.8	25.5	-5.3	0.0	0.0	25.0	0.0	2.0	-64.2
165	452180.69	5027676.07	102.50	1	DEN	8000	38.2	5.4	0.0	0.0	0.0	68.8	90.8	-5.3	0.0	0.0	25.0	0.0	2.0	-137.8
166	452177.05	5027678.88	102.50	1	DEN	1000	56.9	7.6	0.0	0.0	0.0	68.8	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-28.9
166	452177.05	5027678.88	102.50	1	DEN	2000	54.0	7.6	0.0	0.0	0.0	68.8	7.5	-5.3	0.0	0.0	25.0	0.0	2.0	-36.4
166	452177.05	5027678.88	102.50	1	DEN	4000	46.4	7.6	0.0	0.0	0.0	68.8	25.4	-5.3	0.0	0.0	25.0	0.0	2.0	-62.0
166	452177.05	5027678.88	102.50	1	DEN	8000	38.2	7.6	0.0	0.0	0.0	68.8	90.7	-5.3	0.0	0.0	25.0	0.0	2.0	-135.5
167	452178.60	5027677.68	102.50	1	DEN	125	46.3	9.8	0.0	0.0	0.0	60.6	0.1	-3.4	0.0	0.0	0.0	0.0	2.0	-3.2
167	452178.60	5027677.68	102.50	1	DEN	250	49.2	9.8	0.0	0.0	0.0	60.6	0.3	-1.4	0.0	0.0	0.0	0.0	2.0	-2.5
167	452178.60	5027677.68	102.50	1	DEN	500	54.4	9.8	0.0	0.0	0.0	60.6	0.6	-2.1	0.0	0.0	0.0	0.0	2.0	3.2
167	452178.60	5027677.68	102.50	1	DEN	1000	56.9	9.8	0.0	0.0	0.0	60.6	1.1	-3.8	0.0	0.0	0.0	0.0	2.0	6.8
167	452178.60	5027677.68	102.50	1	DEN	2000	54.0	9.8	0.0	0.0	0.0	60.6	2.9	-4.0	0.0	0.0	0.0	0.0	2.0	2.4
167	452178.60	5027677.68	102.50	1	DEN	4000	46.4	9.8	0.0	0.0	0.0	60.6	9.8	-4.0	0.0	0.0	0.0	0.0	2.0	-12.2
167	452178.60	5027677.68	102.50	1	DEN	8000	38.2	9.8	0.0	0.0	0.0	60.6	35.1	-4.0	0.0	0.0	0.0	0.0	2.0	-45.6
168	452181.91	5027675.14	102.50	1	DEN	500	54.4	1.1	0.0	0.0	0.0	60.8	0.6	-1.8	0.0	0.0	14.5	0.0	2.0	-20.7
168	452181.91	5027675.14	102.50	1	DEN	1000	56.9	1.1	0.0	0.0	0.0	60.8	1.1	-3.6	0.0	0.0	18.6	0.0	2.0	-21.0
168	452181.91	5027675.14	102.50	1	DEN	2000	54.0	1.1	0.0	0.0	0.0	60.8	3.0	-3.9	0.0	0.0	22.2	0.0	2.0	-29.0
168	452181.91	5027675.14	102.50	1	DEN	4000	46.4	1.1	0.0	0.0	0.0	60.8	10.2	-3.9	0.0	0.0	25.0	0.0	2.0	-46.6
168	452181.91	5027675.14	102.50	1	DEN	8000	38.2	1.1	0.0	0.0	0.0	60.8	36.3	-3.9	0.0	0.0	25.0	0.0	2.0	-80.9
169	452179.25	5027677.18	102.50	1	DEN	2000	54.0	-8.9	0.0	0.0	0.0	60.8	3.0	-3.9	0.0	0.0	12.6	0.0	2.0	-29.5
169	452179.25	5027677.18	102.50	1	DEN	4000	46.4	-8.9	0.0	0.0	0.0	60.8	10.1	-3.9	0.0	0.0	15.2	0.0	2.0	-46.9
169	452179.25	5027677.18	102.50	1	DEN	8000	38.2	-8.9	0.0	0.0	0.0	60.8	36.2	-3.9	0.0	0.0	18.1	0.0	2.0	-83.9
170	452176.99	5027678.92	102.50	1	DEN	2000	54.0	7.5	0.0	0.0	0.0	60.8	3.0	-3.9	0.0	0.0	12.7	0.0	2.0	-13.2
170	452176.99	5027678.92	102.50	1	DEN	4000	46.4	7.5	0.0	0.0	0.0	60.8	10.1	-3.9	0.0	0.0	15.4	0.0	2.0	-30.6
170	452176.99	5027678.92	102.50	1	DEN	8000	38.2	7.5	0.0	0.0	0.0	60.8	36.1	-3.9	0.0	0.0	18.2	0.0	2.0	-67.6
171	452170.89	5027681.99	102.50	0	DEN	32	20.1	9.2	0.0	0.0	0.0	60.3	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-26.3
171	452170.89	5027681.99	102.50	0	DEN	63	36.5	9.2	0.0	0.0	0.0	60.3	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-10.0
171	452170.89	5027681.99	102.50	0	DEN	125	46.3	9.2	0.0	0.0	0.0	60.3	0.1	-3.4	0.0	0.0	0.0	0.0	0.0	-1.6
171	452170.89	5027681.99	102.50	0	DEN	250	49.2	9.2	0.0	0.0	0.0	60.3	0.3	-1.4	0.0	0.0	0.0	0.0	0.0	-0.9
171	452170.89	5027681.99	102.50	0	DEN	500	54.4	9.2	0.0	0.0	0.0	60.3	0.6	-2.2	0.0	0.0	0.0	0.0	0.0	4.8
171	452170.89	5027681.99	102.50	0	DEN	1000	56.9	9.2	0.0	0.0	0.0	60.3	1.1	-3.8	0.0	0.0	0.0	0.0	0.0	8.4
171	452170.89	5027681.99	102.50	0	DEN	2000	54.0	9.2	0.0	0.0	0.0	60.3	2.8	-4.1	0.0	0.0	0.0	0.0	0.0	4.0
171	452170.89	5027681.99	102.50	0	DEN	4000	46.4	9.2	0.0	0.0	0.0	60.3	9.6	-4.1	0.0	0.0	0.0	0.0	0.0	-10.3
171	452170.89	5027681.99	102.50	0	DEN	8000	38.2	9.2	0.0	0.0	0.0	60.3	34.2	-4.1	0.0	0.0	0.0	0.0	0.0	-43.1
172	452172.75	5027681.34	102.50	1	DEN	1000	56.9	6.3	0.0	0.0	0.0	68.8	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-30.1
172	452172.75	5027681.34	102.50	1	DEN	2000	54.0	6.3	0.0	0.0	0.0	68.8	7.5	-5.3	0.0	0.0	25.0	0.0	2.0	-37.7
172	452172.75	5027681.34	102.50	1	DEN	4000	46.4	6.3	0.0	0.0	0.0	68.8	25.4	-5.3	0.0	0.0	25.0	0.0	2.0	-63.1
172	452172.75	5027681.34	102.50	1	DEN	8000	38.2	6.3	0.0	0.0	0.0	68.8	90.5	-5.3	0.0	0.0	25.0	0.0	2.0	-136.5
173	452168.86	5027682.70	102.50	1	DEN	1000	56.9	6.0	0.0	0.0	0.0	68.8	2.8	-5.3	0.0	0.0	25.0	0.0	2.0	-30.4
173	452168.86	5027682.70	102.50	1	DEN	2000	54.0	6.0	0.0	0.0	0.0	68.8	7.5	-5.3	0.0	0.0	25.0	0.0	2.0	-38.0
173	452168.86	5027682.70	102.50	1	DEN	4000	46.4	6.0	0.0	0.0	0.0	68.8	25.3	-5.3	0.0	0.0	25.0	0.0	2.0	-63.4
173	452168.86	5027682.70	102.50	1	DEN	8000	38.2	6.0	0.0	0.0	0.0	68.8	90.3	-5.3	0.0	0.0	25.0	0.0	2.0	-136.6
174	452170.89	5027681.99	102.50	1	DEN	125	46.3	9.2	0.0	0.0	0.0	60.4	0.1	-3.4	0.0	0.0	0.0	0.0	2.0	-3.7
174	452170.89	5027681.99	102.50	1	DEN	250	49.2	9.2	0.0	0.0	0.0	60.4	0.3	-1.4	0.0	0.0	0.0	0.0	2.0	-3.0
174	452170.89	5027681.99	102.50	1	DEN	500	54.4	9.2	0.0	0.0	0.0	60.4	0.6	-2.2	0.0	0.0	0.0	0.0	2.0	2.7
174	452170.89	5027681.99	102.50	1	DEN	1000	56.9	9.2	0.0	0.0	0.0	60.4	1.1	-3.8	0.0	0.0	0.0	0.0	2.0	6.3
174	452170.89	5027681.99	102.50	1	DEN	2000	54.0	9.2	0.0	0.0	0.0	60.4	2.8	-4.1	0.0	0.0	0.0	0.0	2.0	1.9
174	452170.89	5027681.99	102.50	1	DEN	4000	46.4	9.2	0.0	0.0	0.0	60.4	9.7	-4.1	0.0	0.0	0.0	0.0	2.0	-12.5
174	452170.89	5027681.99	102.50	1	DEN	8000	38.2	9.2	0.0	0.0	0.0	60.4	34.5	-4.1	0.0	0.0	0.0	0.0	2.0	-45.5
175	452172.34	5027681.48	102.50	1	DEN	2000	54.0	7.1	0.0	0.0	0.0	60.8	3.0	-3.9	0.0	0.0	13.0	0.0	2.0	-13.7
175	452172.34	5027681.48	102.50	1	DEN	4000	46.4	7.1	0.0	0.0	0.0	60.8	10.1	-3.9	0.0	0.0	15.7	0.0	2.0	-31.1
175	452172.34	5027681.48	102.50	1	DEN	8000	38.2	7.1	0.0	0.0	0.0	60.8	36.0	-3.9	0.0	0.0	18.5	0.0	2.0	-68.0
176	452168.67	5027682.77	102.50	1	DEN	2000	54.0	4.2	0.0	0.0	0.0	60.7	3.0	-4.0	0.0	0.0	13.2	0.0	2.0	-16.8
176	452168.67	5027682.77	102.50	1	DEN	4000	46.4	4.2	0.0	0.0	0.0	60.7	10.0	-4.0	0.0	0.0	15.9	0.0	2.0	-34.2
176	452168.67	5027682.77	102.50	1	DEN	8000	38.2	4.2	0.0	0.0	0.0	60.7	35.8	-4.0	0.0	0.0	18.7	0.0	2.0	-71.0
177	452167.38	5027683.22	102.50	1	DEN	2000	54.0	-10.0	0.0	0.0	0.0	60.7	3.0	-4.0	0.0	0.0	13.3	0.0	2.0	-31.1
177	452167.38	5027683.22	102.50	1	DEN	4000	46.4	-10.0	0.0	0.0	0.0	60.7	10.0	-4.0	0.0	0.0	16.0	0.0	2.0	-48.4
177	452167.38	5027683.22	102.50	1	DEN	8000	38.2	-10.0	0.0	0.0	0.0	60.7	35.8	-4.0	0.0	0.0	18.8	0.0	2.0	-85.2
178	452168.21	5027682.93	102.50	1	DEN	4000	46.4	4.1	0.0	0.0	0.0	60.4	9.7	-3.9	0.0	0.0	4.8	0.0	2.0	-22.6
178	452168.21	5027682.93	102.50	1	DEN	8000	38.2	4.1	0.0	0.0	0.0	60.4	34.7	-3.9	0.0	0.0	4.8	0.0	2.0	-55.8
179	452187.89	5027669.19	102.50	0	DEN	32	20.1	3.0	0.0	0.0	0.0	60.6	0.0	-4.8	0.0	0.0	1.8	0.0	0.0	-34.6

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"

Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
179	452187.89	5027669.19	102.50	0	DEN	63	36.5	3.0	0.0	0.0	0.0	60.6	0.0	-4.8	0.0	0.0	1.8	0.0	0.0	-18.2	
179	452187.89	5027669.19	102.50	0	DEN	125	46.3	3.0	0.0	0.0	0.0	60.6	0.1	-3.1	0.0	0.0	1.8	0.0	0.0	-10.3	
179	452187.89	5027669.19	102.50	0	DEN	250	49.2	3.0	0.0	0.0	0.0	60.6	0.3	-0.7	0.0	0.0	1.8	0.0	0.0	-10.0	
179	452187.89	5027669.19	102.50	0	DEN	500	54.4	3.0	0.0	0.0	0.0	60.6	0.6	-1.6	0.0	0.0	1.8	0.0	0.0	-4.1	
179	452187.89	5027669.19	102.50	0	DEN	1000	56.9	3.0	0.0	0.0	0.0	60.6	1.1	-3.6	0.0	0.0	1.8	0.0	0.0	-0.2	
179	452187.89	5027669.19	102.50	0	DEN	2000	54.0	3.0	0.0	0.0	0.0	60.6	2.9	-3.9	0.0	0.0	1.9	0.0	0.0	-4.7	
179	452187.89	5027669.19	102.50	0	DEN	4000	46.4	3.0	0.0	0.0	0.0	60.6	10.0	-3.9	0.0	0.0	2.1	0.0	0.0	-19.5	
179	452187.89	5027669.19	102.50	0	DEN	8000	38.2	3.0	0.0	0.0	0.0	60.6	35.5	-3.9	0.0	0.0	2.3	0.0	0.0	-53.5	
180	452184.81	5027672.31	102.50	0	DEN	32	20.1	8.3	0.0	0.0	0.0	60.6	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-27.4	
180	452184.81	5027672.31	102.50	0	DEN	63	36.5	8.3	0.0	0.0	0.0	60.6	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-11.0	
180	452184.81	5027672.31	102.50	0	DEN	125	46.3	8.3	0.0	0.0	0.0	60.6	0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-2.9	
180	452184.81	5027672.31	102.50	0	DEN	250	49.2	8.3	0.0	0.0	0.0	60.6	0.3	-1.1	0.0	0.0	0.0	0.0	0.0	-2.3	
180	452184.81	5027672.31	102.50	0	DEN	500	54.4	8.3	0.0	0.0	0.0	60.6	0.6	-2.0	0.0	0.0	0.0	0.0	0.0	3.5	
180	452184.81	5027672.31	102.50	0	DEN	1000	56.9	8.3	0.0	0.0	0.0	60.6	1.1	-3.7	0.0	0.0	0.0	0.0	0.0	7.2	
180	452184.81	5027672.31	102.50	0	DEN	2000	54.0	8.3	0.0	0.0	0.0	60.6	2.9	-4.0	0.0	0.0	0.0	0.0	0.0	2.8	
180	452184.81	5027672.31	102.50	0	DEN	4000	46.4	8.3	0.0	0.0	0.0	60.6	9.9	-4.0	0.0	0.0	0.0	0.0	0.0	-11.8	
180	452184.81	5027672.31	102.50	0	DEN	8000	38.2	8.3	0.0	0.0	0.0	60.6	35.3	-4.0	0.0	0.0	0.0	0.0	0.0	-45.4	
181	452187.54	5027669.54	102.50	1	DEN	125	46.3	4.7	0.0	0.0	0.0	60.7	0.1	-3.2	0.0	0.0	4.8	0.0	2.0	-13.4	
181	452187.54	5027669.54	102.50	1	DEN	250	49.2	4.7	0.0	0.0	0.0	60.7	0.3	-1.0	0.0	0.0	4.8	0.0	2.0	-12.9	
181	452187.54	5027669.54	102.50	1	DEN	500	54.4	4.7	0.0	0.0	0.0	60.7	0.6	-1.9	0.0	0.0	4.8	0.0	2.0	-7.1	
181	452187.54	5027669.54	102.50	1	DEN	1000	56.9	4.7	0.0	0.0	0.0	60.7	1.1	-3.6	0.0	0.0	4.8	0.0	2.0	-3.4	
181	452187.54	5027669.54	102.50	1	DEN	2000	54.0	4.7	0.0	0.0	0.0	60.7	3.0	-3.9	0.0	0.0	4.8	0.0	2.0	-7.9	
181	452187.54	5027669.54	102.50	1	DEN	4000	46.4	4.7	0.0	0.0	0.0	60.7	10.0	-3.9	0.0	0.0	4.8	0.0	2.0	-22.5	
181	452187.54	5027669.54	102.50	1	DEN	8000	38.2	4.7	0.0	0.0	0.0	60.7	35.8	-3.9	0.0	0.0	4.8	0.0	2.0	-56.5	
182	452184.46	5027672.67	102.50	1	DEN	125	46.3	7.6	0.0	0.0	0.0	60.7	0.1	-3.2	0.0	0.0	0.0	0.0	2.0	-5.7	
182	452184.46	5027672.67	102.50	1	DEN	250	49.2	7.6	0.0	0.0	0.0	60.7	0.3	-1.1	0.0	0.0	0.0	0.0	2.0	-5.1	
182	452184.46	5027672.67	102.50	1	DEN	500	54.4	7.6	0.0	0.0	0.0	60.7	0.6	-1.9	0.0	0.0	0.0	0.0	2.0	0.7	
182	452184.46	5027672.67	102.50	1	DEN	1000	56.9	7.6	0.0	0.0	0.0	60.7	1.1	-3.7	0.0	0.0	0.0	0.0	2.0	4.4	
182	452184.46	5027672.67	102.50	1	DEN	2000	54.0	7.6	0.0	0.0	0.0	60.7	2.9	-4.0	0.0	0.0	0.0	0.0	2.0	-0.0	
182	452184.46	5027672.67	102.50	1	DEN	4000	46.4	7.6	0.0	0.0	0.0	60.7	10.0	-4.0	0.0	0.0	0.0	0.0	2.0	-14.7	
182	452184.46	5027672.67	102.50	1	DEN	8000	38.2	7.6	0.0	0.0	0.0	60.7	35.5	-4.0	0.0	0.0	0.0	0.0	2.0	-48.5	
183	452183.50	5027673.64	102.50	1	DEN	500	54.4	4.9	0.0	0.0	0.0	60.9	0.6	-1.8	0.0	0.0	14.5	0.0	2.0	-17.0	
183	452183.50	5027673.64	102.50	1	DEN	1000	56.9	4.9	0.0	0.0	0.0	60.9	1.1	-3.6	0.0	0.0	18.6	0.0	2.0	-17.2	
183	452183.50	5027673.64	102.50	1	DEN	2000	54.0	4.9	0.0	0.0	0.0	60.9	3.0	-3.9	0.0	0.0	22.1	0.0	2.0	-25.3	
183	452183.50	5027673.64	102.50	1	DEN	4000	46.4	4.9	0.0	0.0	0.0	60.9	10.2	-3.9	0.0	0.0	25.0	0.0	2.0	-42.9	
183	452183.50	5027673.64	102.50	1	DEN	8000	38.2	4.9	0.0	0.0	0.0	60.9	36.4	-3.9	0.0	0.0	25.0	0.0	2.0	-77.3	
184	452185.76	5027666.57	102.50	0	DEN	32	20.1	4.6	0.0	0.0	0.0	60.6	0.0	-4.8	0.0	0.0	1.8	0.0	0.0	-32.9	
184	452185.76	5027666.57	102.50	0	DEN	63	36.5	4.6	0.0	0.0	0.0	60.6	0.0	-4.8	0.0	0.0	1.8	0.0	0.0	-16.6	
184	452185.76	5027666.57	102.50	0	DEN	125	46.3	4.6	0.0	0.0	0.0	60.6	0.1	-3.1	0.0	0.0	1.9	0.0	0.0	-8.6	
184	452185.76	5027666.57	102.50	0	DEN	250	49.2	4.6	0.0	0.0	0.0	60.6	0.3	-0.7	0.0	0.0	1.9	0.0	0.0	-8.4	
184	452185.76	5027666.57	102.50	0	DEN	500	54.4	4.6	0.0	0.0	0.0	60.6	0.6	-1.6	0.0	0.0	2.1	0.0	0.0	-2.7	
184	452185.76	5027666.57	102.50	0	DEN	1000	56.9	4.6	0.0	0.0	0.0	60.6	1.1	-3.5	0.0	0.0	2.4	0.0	0.0	0.9	
184	452185.76	5027666.57	102.50	0	DEN	2000	54.0	4.6	0.0	0.0	0.0	60.6	2.9	-3.8	0.0	0.0	2.8	0.0	0.0	-3.9	
184	452185.76	5027666.57	102.50	0	DEN	4000	46.4	4.6	0.0	0.0	0.0	60.6	9.9	-3.8	0.0	0.0	3.3	0.0	0.0	-18.9	
184	452185.76	5027666.57	102.50	0	DEN	8000	38.2	4.6	0.0	0.0	0.0	60.6	35.2	-3.8	0.0	0.0	3.8	0.0	0.0	-52.9	
185	452185.76	5027666.57	102.50	1	DEN	125	46.3	4.6	0.0	0.0	0.0	60.6	0.1	-3.2	0.0	0.0	4.8	0.0	2.0	-13.5	
185	452185.76	5027666.57	102.50	1	DEN	250	49.2	4.6	0.0	0.0	0.0	60.6	0.3	-1.0	0.0	0.0	4.8	0.0	2.0	-13.0	
185	452185.76	5027666.57	102.50	1	DEN	500	54.4	4.6	0.0	0.0	0.0	60.6	0.6	-1.9	0.0	0.0	4.8	0.0	2.0	-7.2	
185	452185.76	5027666.57	102.50	1	DEN	1000	56.9	4.6	0.0	0.0	0.0	60.6	1.1	-3.6	0.0	0.0	4.8	0.0	2.0	-3.5	
185	452185.76	5027666.57	102.50	1	DEN	2000	54.0	4.6	0.0	0.0	0.0	60.6	2.9	-3.9	0.0	0.0	4.8	0.0	2.0	-7.9	
185	452185.76	5027666.57	102.50	1	DEN	4000	46.4	4.6	0.0	0.0	0.0	60.6	9.9	-3.9	0.0	0.0	4.8	0.0	2.0	-22.5	
185	452185.76	5027666.57	102.50	1	DEN	8000	38.2	4.6	0.0	0.0	0.0	60.6	35.4	-3.9	0.0	0.0	4.8	0.0	2.0	-56.2	
186	452187.88	5027667.64	102.50	0	DEN	32	20.1	3.4	0.0	0.0	0.0	60.6	0.0	-4.8	0.0	0.0	1.8	0.0	0.0	-34.2	
186	452187.88	5027667.64	102.50	0	DEN	63	36.5	3.4	0.0	0.0	0.0	60.6	0.0	-4.8	0.0	0.0	1.8	0.0	0.0	-17.8	
186	452187.88	5027667.64	102.50	0	DEN	125	46.3	3.4	0.0	0.0	0.0	60.6	0.1	-3.1	0.0	0.0	1.8	0.0	0.0	-9.9	
186	452187.88	5027667.64	102.50	0	DEN	250	49.2	3.4	0.0	0.0	0.0	60.6	0.3	-0.7	0.0	0.0	1.9	0.0	0.0	-9.6	
186	452187.88	5027667.64	102.50	0	DEN	500	54.4	3.4	0.0	0.0	0.0	60.6	0.6	-1.6	0.0	0.0	2.0	0.0	0.0	-3.9	
186	452187.88	5027667.64	102.50	0	DEN	1000	56.9	3.4	0.0	0.0	0.0	60.6	1.1	-3.6	0.0	0.0	2.2	0.0	0.0	-0.2	
186	452187.88	5027667.64	102.50	0	DEN	2000	54.0	3.4	0.0	0.0	0.0	60.6	2.9	-3.9	0.0	0.0	2.6	0.0	0.0	-5.0	
186	452187.88	5027667.64	102.50	0	DEN	4000	46.4	3.4	0.0	0.0	0.0	60.6	9.9	-3.9	0.0	0.0	3.1	0.0	0.0	-20.0	
186	452187.88	5027667.64	102.50	0	DEN	8000	38.2	3.4	0.0	0.0	0.0	60.6	35.4	-3.9	0.0	0.0	3.6	0.0	0.0	-54.2	
187	452187.88	5027667.64	102.50	1	DEN	125	46.3	3.4	0.0	0.0	0.0	60.7	0.1	-3.2	0.0	0.0	4.8	0.0	2.0	-14.8	
187	452187.88	5027667.64	102.50	1	DEN	250	49.2	3.4	0.0	0.0	0.0	60.7	0.3	-1.0	0.0	0.0	4.8	0.0	2.0	-14.2	

Line Source, ISO 9613, Name: "Dump Truck Traffic", ID: "_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
187	452187.88	5027667.64	102.50	1	DEN	500	54.4	3.4	0.0	0.0	0.0	60.7	0.6	-1.9	0.0	0.0	4.8	0.0	2.0	-8.5
187	452187.88	5027667.64	102.50	1	DEN	1000	56.9	3.4	0.0	0.0	0.0	60.7	1.1	-3.6	0.0	0.0	4.8	0.0	2.0	-4.7
187	452187.88	5027667.64	102.50	1	DEN	2000	54.0	3.4	0.0	0.0	0.0	60.7	3.0	-3.9	0.0	0.0	4.8	0.0	2.0	-9.2
187	452187.88	5027667.64	102.50	1	DEN	4000	46.4	3.4	0.0	0.0	0.0	60.7	10.0	-3.9	0.0	0.0	4.8	0.0	2.0	-23.8
187	452187.88	5027667.64	102.50	1	DEN	8000	38.2	3.4	0.0	0.0	0.0	60.7	35.7	-3.9	0.0	0.0	4.8	0.0	2.0	-57.8

Point Source, ISO 9613, Name: "Material Drop", ID: "_cont"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
75	452189.59	5027669.12	103.50	0	D	32	-39.4	0.0	-19.0	0.0	0.0	60.7	0.0	-4.5	0.0	0.0	1.8	0.0	0.0	-116.4
75	452189.59	5027669.12	103.50	0	D	125	80.5	0.0	-19.0	0.0	0.0	60.7	0.1	-2.8	0.0	0.0	1.8	0.0	0.0	1.6
75	452189.59	5027669.12	103.50	0	D	250	84.8	0.0	-19.0	0.0	0.0	60.7	0.3	-0.4	0.0	0.0	1.8	0.0	0.0	3.3
75	452189.59	5027669.12	103.50	0	D	500	91.7	0.0	-19.0	0.0	0.0	60.7	0.6	-1.3	0.0	0.0	1.9	0.0	0.0	10.8
75	452189.59	5027669.12	103.50	0	D	1000	96.2	0.0	-19.0	0.0	0.0	60.7	1.1	-3.3	0.0	0.0	2.0	0.0	0.0	16.7
75	452189.59	5027669.12	103.50	0	D	2000	94.4	0.0	-19.0	0.0	0.0	60.7	3.0	-3.6	0.0	0.0	2.2	0.0	0.0	13.1
75	452189.59	5027669.12	103.50	0	D	4000	93.4	0.0	-19.0	0.0	0.0	60.7	10.0	-3.6	0.0	0.0	2.5	0.0	0.0	4.8
75	452189.59	5027669.12	103.50	0	D	8000	95.0	0.0	-19.0	0.0	0.0	60.7	35.7	-3.6	0.0	0.0	2.9	0.0	0.0	-19.8
76	452189.59	5027669.12	103.50	1	D	125	80.5	0.0	-19.0	0.0	0.0	60.8	0.1	-2.9	0.0	0.0	4.8	0.0	2.0	-3.3
76	452189.59	5027669.12	103.50	1	D	250	84.8	0.0	-19.0	0.0	0.0	60.8	0.3	-0.7	0.0	0.0	4.8	0.0	2.0	-1.4
76	452189.59	5027669.12	103.50	1	D	500	91.7	0.0	-19.0	0.0	0.0	60.8	0.6	-1.6	0.0	0.0	4.8	0.0	2.0	6.1
76	452189.59	5027669.12	103.50	1	D	1000	96.2	0.0	-19.0	0.0	0.0	60.8	1.1	-3.4	0.0	0.0	4.8	0.0	2.0	11.9
76	452189.59	5027669.12	103.50	1	D	2000	94.4	0.0	-19.0	0.0	0.0	60.8	3.0	-3.6	0.0	0.0	4.8	0.0	2.0	8.5
76	452189.59	5027669.12	103.50	1	D	4000	93.4	0.0	-19.0	0.0	0.0	60.8	10.1	-3.6	0.0	0.0	4.8	0.0	2.0	0.4
76	452189.59	5027669.12	103.50	1	D	8000	95.0	0.0	-19.0	0.0	0.0	60.8	36.0	-3.6	0.0	0.0	4.8	0.0	2.0	-23.9

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