Environmental Noise Feasibility Study

Alloa Secondary Plan

Proposed Mixed-Use Development

Town of Caledon

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EXECUTIVE SUMMARY

Valcoustics Canada Ltd. (VCL) was retained to prepare an Environmental Noise Feasibility Study for the proposed mixed-use development in support of the Official Plan Amendment (OPA) / Secondary Plan application submissions to the Town of Caledon.

The proposed development will consist of Neighbourhood Areas (low, medium, and medium-high density residential uses and schools), Natural Environment System Areas (green space), Employment Areas, Major Commercial/Mixed-Use Areas and a Special Policy Area. The specific building types, locations and configurations have not yet been finalized and will be determined at the time of future Draft Plan of Subdivision and/or Site Plan Approval (SPA) applications. This report provides general guidance on the expected noise control requirements for the development.

The transportation noise source with potential for impact at the proposed development is road traffic on Mayfield Road, Mississauga Road, Creditview Road, Chingaucousy Road, the internal roadways and the future Highway 413.

The stationary noise sources with the potential for impact at the subject site are existing and future employment and commercial uses within the development.

The sound levels from the transportation and stationary sources have been determined and compared with the applicable Ministry of the Environment, Conservation and Parks (MECP), Region of Peel and Town of Caledon noise guideline limits to determine the need for noise mitigation.

To meet the noise guideline limits:

- Mandatory air conditioning is required for:
  - The first row of dwellings adjacent to Highway 413, Mississauga Road, Mayfield Road and Chinguacousy Road;
  - The high-rise dwellings within the Commercial/Mixed-Use blocks adjacent to Mayfield Road and Mississauga Road, and within the Special Policy Area.

- The provision for adding air conditioning is required for:
  - The first row of dwellings adjacent to Creditview Road and internal roadways Street A, B, C, D, E, F, and G;
  - The second row of dwellings from Highway 413 and Mississauga Road;
  - The first row of dwellings adjacent to the natural heritage system along Mississauga Road; and
  - The first row of low-rise dwellings north of the Commercial/Mixed-Use Blocks along Mayfield Road.
- Upgraded exterior wall and window construction is expected at the first row of dwellings from Highway 413, Mississauga Road, Mayfield Road and Chinguacousy Road. With upgraded exterior walls meeting Sound Transmission Class (STC) 54, the window requirements would be:
  - Up to STC 30 for low-rise dwellings at these locations.
  - Up to STC 35 for high-rise dwellings (in the Commercial/Mixed-Use Blocks and Special Policy Areas).

  At all other locations, exterior wall and window construction meeting the minimum non-acoustical requirements of the Ontario Building Code (OBC) is sufficient to meet the indoor noise criteria.
- The following minimum sound barrier heights are anticipated:
  - 2.4 m high at dwellings siding onto Highway 413, Mississauga Road, Mayfield Road, Chinguacousy Road and Street B;
  - 1.8 m high at dwellings siding onto Creditview Road, Street A, Street C, Street D and Street G.
  - Final sound barrier requirements will depend on the lot layouts and setback distances from the roadways. If dwellings back directly onto the roadways, the sound barrier requirements may be higher.

A preliminary assessment shows that the sound levels due to the existing industrial facilities at 816 Mayfield Road (Walker Environmental Gro-Bark and GB Stone Ltd.), and 12111 Mississauga Road (Corteva Agriscience) facilities are expected to meet the noise guideline limits at the subject site without mitigation. Detailed assessments of these facilities, as well an assessment of the noise impact from the Alloa Reservoir and Pumping Station, will need to be completed as part of the approvals submissions for the adjacent noise sensitive parcels.

Any future employment/commercial facilities on site will need to be designed such that the MECP noise guideline limits are met at the neighbouring noise sensitive receptors, including the future dwellings within the Alloa Secondary Plan.

1.0 INTRODUCTION

Valcoustics Canada Ltd. (VCL) has been retained to prepare an Environmental Noise Feasibility Study for the proposed mixed-use development in support of the Official Plan Amendment (OPA) / Secondary Plan application submissions to the Town of Caledon.

The sound levels from the environmental noise sources have been predicted on site and compared to the applicable MECP, Region of Peel and Town of Caledon noise guideline limits. Where sound level excesses above these guideline limits occur, noise mitigation measures have been recommended.

1.1 THE SITE AND SURROUNDING AREA

The site is located to the northwest of the intersection of Mayfield Road and Chinguacousy Road, in the Town of Caledon. The site is bounded by:

- The future Highway 413 along the north and west, with agricultural lands beyond;
- Mayfield Road to the south, with existing residential subdivisions beyond; and
- Chinguacousy Road, with residential subdivisions (currently under construction), to the east.

The site is currently occupied by existing single-family dwellings, agricultural lands and associated uses (e.g. silos), as well as two schools (Alloa Public School, to be retained as a school use within the development, and Malala Yousafzai Public School, to be demolished and redeveloped into a Works Yard as part of the Secondary Plan development). There are also existing commercial/industrial facilities and a pumping station along Mayfield Road that will be retained as part of the development.

Figure 1 shows a Key Plan. This report was prepared using the Alloa Secondary Plan: Land Use Plan, prepared by Glen Schnarr and Associates, dated June 2024. The Secondary Plan is included as Figure 2.

1.2 THE PROPOSED DEVELOPMENT

The proposed development will consist of Neighbourhood Areas (low, medium, and medium-high density residential uses and schools), Natural Environment System Areas (green space), Employment Areas, Major Commercial/Mixed-Use Areas and a Special Policy Area.

The Employment Areas will be located along the south side of the site, adjacent to Mayfield Road. Major Commercial/Mixed-Use Area blocks will also be located adjacent to Mayfield Road, as well as along Mississauga Road.

Natural Environment System Areas will be located along the north side of the Employment Areas and other locations throughout the development.

It is understood that the following building heights will be permitted:

- Mixed-use buildings within the Neighbourhood Area: up to 6 storeys.
- Residential buildings within the Major Commercial/Mixed-use Area: between 4-12 storeys.
- Non-residential buildings within the Major Commercial/Mixed-use Area: one storey.
- Apartment and mixed-use buildings within the Special Policy Area: up to 25 storeys.
- Detached, semi-detached and townhouse dwellings within the Neighbourhood Area: up to 3 storeys.

2.0 TRANSPORTATION NOISE ASSESSMENT

There are road noise sources in the area that could impact the proposed development. There are no rail lines in the vicinity of the site and the site lies outside airport noise influence areas (i.e., areas at NEF/NEP 25 or higher). Thus, rail and aircraft noise were not considered further in this study.

2.1 NOISE SOURCES

2.1.1 Road Traffic

The roadways with the potential to have an acoustical impact on the site are Mayfield Road, Mississauga Road, Creditview Road, Chinguacousy Road, the internal roadways in the development, and the future Highway 413. Other roadways are either far enough removed from the site or are anticipated to have low traffic volumes and are not expected to create a significant noise impact on the site.

Ultimate road traffic data was obtained from the Region of Peel and turning movement count data was obtained from C.F. Crozier & Associates for use in this study. The road traffic data is discussed below and summarized in Table 1. Road traffic correspondence is included as Appendix A.

Regional Roads

Ultimate traffic data (including truck percentages, day/night split and posted speed limit) for Mayfield Road and Mississauga Road was obtained from the Region of Peel.

Year 2044 traffic volumes for Mayfield Road and Mississauga Road were also provided by C.F. Crozier & Associates Inc., the traffic consultant for this project, in the form of future peak hour turning movement count (TMC) data. The 24-hour traffic volumes were calculated by multiplying the higher of either the AM or PM peak hour volume by 10.

The ultimate volumes provided by Region of Peel were higher than the volumes provided by the traffic consultants. The traffic data provided by the Region of Peel was therefore used in this analysis, to be conservative.

Creditview Road and Chinguacousy Road

Year 2024 and 2044 traffic volumes for Creditview Road and Chinguacousy Road were provided by the traffic consultant, in the form of future peak hour turning movement count (TMC) data. The 24-hour traffic volumes were calculated by multiplying the higher of either the AM or PM peak hour volume by 10.

Truck percentages for Creditview Road and Chinguacousy Road were calculated using the year 2024 TMC data provided by the traffic consultant since truck information was not provided for the 2044 TMC data. For this analysis, it was assumed that these truck percentages would also be applicable to the year 2044 condition.

The day/night splits for Creditview Road and Chinguacousy Road were assumed to be 90%/10%, as is typical for well travelled roadways. The speed limit on Creditview Road and Chinguacousy Road is 60 km/h.

Internal Roadways

Year 2044 traffic volumes for the internal roadways (Street A through G) were provided by the traffic consultant, in the form of future peak hour turning movement count (TMC) data. The 24-hour traffic volumes were calculated by multiplying the higher of either the AM or PM peak hour volume by 10.

Although current truck percentages are not available for the future internal roadways, several of these roadways will be continuations of existing roads on the east side of Chinguacousy Road and the south side of Mayfield South (that is, Street B will be a continuation of Tim Manley Avenue, Street E will connect to Brisdale Avenue, Street F to Thornbush Avenue, and Street G to Robert Parkinson Drive). The existing truck percentages on these existing roadways were used to estimate the future truck percentages on the internal roadways in the development.

The 2024 TMC data indicated that approximately 5% of the total vehicle volume on the existing roadways on the south side of Mayfield Road consisted of trucks. All internal roadways were therefore assumed to have a future total truck percentage of 5%. It is noted that the current truck volumes mostly consist of buses (medium trucks). However, to be conservative, the future medium and heavy truck percentages on the internal roadways were assumed to be 60% and 40% of the total truck volume, respectively.

It should be noted that the 2024 TMC for Tim Manley Avenue (the existing roadway on the east side of Chinguacousy Road) indicated that the truck percentages are as high as 25%. However, it was noted during a site visit by VCL staff that the traffic on Tim Manley Avenue was dominated by construction vehicles associated with the new residential subdivision under construction on the east side of Chinguacousy Road. The truck volumes are expected to be lower once construction is complete. The truck percentages on Street B (the continuation of Tim Manley Avenue) were therefore also modelled with a total of 5% trucks, split 60%/40% medium/heavy.

The day/night splits for the internal roadways were assumed to be 90%/10%, as is typical for well travelled roadways. The traffic consultant indicated that the speed limits on the future internal roadways are expected to be 50 km/h for most collector roadways (Streets A, and C through G). The speed limit on Street B (the continuation of Tim Manley Avenue) is expected to be 60 km/h.

Highway 413

Highway 413 is planned to run along the north and west boundaries of the Secondary Plan area. Year 2044 traffic volumes for Highway 413 were provided by the traffic consultant in the form of future peak hour turning movement count (TMC) data. The 24-hour traffic volumes were calculated by multiplying the higher of either the AM or PM peak hour volume by 24 because traffic volumes on control-access freeways are assumed to be constant throughout the 24-hour day.

The day/night split was assumed to be 67%/33%. The speed limit was assumed to be 100 km/h, as is typical for provincial 400-series highways. The total truck volume was assumed to be 20% (5% medium trucks and 15% heavy trucks), as is recommended by the Ministry of Transportation for freeways.

TABLE 1 ROAD TRAFFIC DATA

Roadway	Year	24-Hour Traffic Volume	% Trucks[4]		Speed Limit (kph)[5]	Day/Night Split (%)
			Medium	Heavy		
Mississauga Road[2]	Ultimate	32 400	Day: 4.4 Night: 5.7	Day: 2.1 Night: 2.7	80	90/10
Mayfield Road[2]	Ultimate	48 600	Day: 2.6 Night: 1.5	Day: 2.5 Night: 1.9	60	86/14
Creditview Road[1]	2044	10 460	3.6	2.4	60	90/10
Chinguacousy Road[1]	2044	31 640	3.3	2.2	60	90/10
Highway 413[4]	2044	47 952	5	15	100	67/33
Street A[3]	2044	5 350	3	2	50	90/10
Street B[3]	2044	11 320	3	2	60	90/10
Street C[3]	2044	8 970	3	2	50	90/10
Street D[3]	2044	6 130	3	2	50	90/10
Street E[3]	2044	2 790	3	2	50	90/10
Street F[3]	2044	3 170	3	2	50	90/10
Street G[3]	2044	6 200	3	2	50	90/10

Notes:

(1) The year 2044 24-hour traffic volumes were calculated from the 2044 peak hour TMCs provided by C.F. Crozier & Associates Inc. The peak hour volumes were converted to 24-hour volumes by multiplying the higher of the AM or PM peak hour volume by 10. Truck percentages were calculated from the year 2024 TMCs. A medium/heavy truck split of 60%/40% was assumed. The day/night split was assumed.

(2) Ultimate Average Annual Daily Traffic volumes, truck percentages, speed limits and day/night splits provided for Mayfield Road and Mississauga Road by the Region of Peel.

(3) The year 2044 24-hour traffic volumes were calculated from the 2044 peak hour TMCs provided by C.F. Crozier & Associates Inc. The peak hour volumes were converted to 24-hour volumes by multiplying the higher of the AM or PM peak hour volume by 10. Future speed limits were provided by C.F. Crozier & Associates Inc. Truck percentages were estimated using the year 2024 TMC data for the collector roadways in the neighbouring developments. A medium/heavy truck split of 60%/40% of the total truck percentages was assumed. Day/night split are assumed.

(4) The year 2044 24-hour traffic volumes were calculated from the 2044 peak hour TMCs provided by C.F. Crozier & Associates Inc. The peak hour volumes were converted to 24-hour volumes by multiplying the higher of the AM or PM peak hour volume by 24. Truck percentage (and medium/heavy truck split), day/night split, and speed limit were assumed based on conventions provided by the Ministry of Transportation for other 400-series freeways.

(5) Vehicle speeds 10 kph higher than the indicated speed limit were used in the analysis, per Town of Caledon guidelines.

2.2 ENVIRONMENTAL NOISE GUIDELINES

2.2.1 MECP Publication NPC-300 – Transportation Sources

The applicable noise guidelines for new residential development are those in MECP Publication NPC-300, *"Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning"*.

The environmental noise guidelines of the MECP (Publication NPC-300) are discussed briefly below and summarized in Appendix C.

2.2.1.1 Architectural Elements

In the daytime (0700 to 2300), the indoor criterion for road noise is $L_{eq\ Day}$(1) of 45 dBA for sensitive spaces such as living/dining rooms, dens and bedrooms. At night, the indoor criterion for road noise is $L_{eq\ Night}$(2) of 45 dBA for sensitive spaces such as living/dining rooms and dens and 40 dBA for bedrooms.

The architectural design of the building envelope (walls, windows, etc.) must provide adequate sound isolation to achieve the above indoor sound level limits applying the outdoor sound level predicted at the facades.

2.2.1.2 Ventilation

When the daytime sound level ($L_{eq\ Day}$) at the exterior face of a window into a noise sensitive space is greater than 65 dBA, means must be provided so that windows can be kept closed for noise control purposes and central air conditioning is required. For daytime sound levels between 56 dBA and 65 dBA inclusive, there need only be the provision for adding air conditioning. A warning clause advising the occupant of the potential interference with some activities is also required. At nighttime, air conditioning is required when the sound level exceeds 60 dBA ($L_{eq\ Night}$) at a window into a noise sensitive space (provision for adding air conditioning is required when the sound level is greater than 50 dBA).

2.2.1.3 Outdoors

For Outdoor Living Areas (OLA's), the guideline objective is 55 dBA $L_{eq\ Day}$, with an excess not exceeding 5 dBA considered acceptable if it is not feasible to achieve the 55 dBA objective for technical, economic or administrative reasons, provided warning clauses are registered on title. Note, a balcony or elevated terrace is not considered an OLA unless it is:

- the only OLA for the occupant;
- at least 4 m in depth; and
- unenclosed

2.2.2 Region of Peel

The Region of Peel's noise guidelines are described in the "General Guidelines for the Preparation of Acoustical Reports in the Region of Peel" document (Reference 5). The Region of Peel noise guidelines are essentially the same as the MECP noise guidelines for transportation noise sources except that the nighttime sound level for triggering the air conditioning requirement is 1 dBA more stringent (i.e., less) than the sound level specified by the MECP; i.e., mandatory air conditioning for nighttime sound levels of 60 dBA or greater, and the provision for adding air conditioning for sound levels between 51 to 59 dBA inclusive.

The Peel guidelines also indicate a maximum desirable sound barrier height of 4.0 m (relative to the roadway centreline) with a maximum acoustic fence height of 2.4 m, although a height of no more than 2.0 m is preferred. To make up any additional height beyond that of the fence, a berm is to be used.

(1) $L_{eq,\ Day}$ 16-hour energy equivalent sound level (0700-2300 hours).
(2) $L_{eq,\ Night}$ 8-hour energy equivalent sound level (0700-2300 hours).

2.2.3 Town of Caledon

The Town of Caledon noise guidelines are described in the "Development Standards Manual" document (Reference 6). The Town of Caledon's general policy is not to accept any excess above the 55 dBA objective for OLA's. However, an excess may be acceptable if unreasonably high sound barriers are needed to meet the 55 dBA objective.

The Town's maximum acoustic fence height is 2.4 m. Higher barriers can be provided by using a combination of an acoustic fence and a berm. The maximum permitted sound barrier height according to the Town's Development Standards is 4.8 m (2.4 m fence atop a 2.4 m berm).

Road traffic noise levels are to be calculated using a minimum 20-year traffic forecast and a speed of 10 kph over the posted speed limit.

2.3 NOISE IMPACT ASSESSMENT

2.3.1 Method

Using the road traffic data in Table 1, the $L_{eq\ Day}$ and $L_{eq\ Night}$ were determined using STAMSON V5.04 – ORNAMENT, the computerized road traffic noise prediction model of the MECP.

The daytime and nighttime sound levels at the building facades within the Neighbourhood Areas were assessed at a height of 7.5 m above grade, representing the top storey plane of windows of the 3-storey dwellings (the worst-case locations).

The daytime and nighttime sound levels were also assessed within the Commercial/Mixed Use Block adjacent to Mayfield Road. The sound levels were assessed at a height of 34.5 m above grade, representing a dwelling unit on the top storey of a 12-storey building.

In addition, the daytime and nighttime sound levels were assessed at receptor points within the Special Policy Area at the northeast corner of the site. The sound levels were assessed at a height of 73.5 m above grade, representing a dwelling unit on the top storey of a 25-storey building.

Setback distances from the roadways were assumed based on input from the design and consulting teams.

It is expected that the dwellings will be oriented such that the rear yards do not back directly onto the internal collector or arterial roadways. The daytime OLA sound levels were therefore assessed assuming that the rear yards side onto the roadways. The sound levels were calculated at a height of 1.5 m above grade.

It is expected that all private balconies and terraces in the development will be less than 4 m in depth and therefore would not qualify as OLA's under the MECP guidelines.

Screening was included in the assessment:

- Inherent screening of each building face due to its orientation to the noise source as well as screening provided by the subject development itself was taken into account.

- For the facade sound levels, where the sound levels were assessed at the 2nd and 3rd rows of dwellings from a roadway, the density of each row was assumed to be 95%.
- For the low-rise dwellings north of the Commercial/Mixed-Use Blocks along Mayfield Road, screening from the Commercial/Mixed-Use Blocks was not included.
- For the OLA calculations, screening from the associated dwelling and a dwelling on the adjacent lot was included.

See Figure 2 for the assessment receptor locations.

2.3.2 Results

The highest unmitigated daytime sound level of 71 dBA is predicted to occur at dwellings directly adjacent to Mayfield Road and Mississauga Road. The highest unmitigated nighttime sound level of 67 dBA is predicted to occur at dwellings adjacent to the future Highway 413.

The highest unmitigated daytime OLA sound level of 67 dBA is predicted to occur at dwellings siding onto Mayfield Road and Mississauga Road.

Table 2 summarizes the unmitigated daytime and nighttime sound level predictions.

Appendix C contains a sample sound level calculation.

TABLE 2 PREDICTED UNMITIGATED SOUND LEVELS OUTDOORS

Location(1)	Source	Distance (m)(2)	$L_{eq\ Day}$ (dBA)	$L_{eq\ Night}$ (dBA)
Dwellings in the vicinity of Mississauga Road				
1st Row of Dwellings	Mississauga Road	25	**71**	**65**
2nd Row of Dwellings	Mississauga Road	45	**57**	**51**
3rd Row of Dwellings	Mississauga Road	65	**53**	**48**
1st Row of Dwellings Adjacent to the Natural Environment System Area	Mississauga Road	95	**62**	**56**
Rear Yard OLA (Siding)	Mississauga Road	30	**67**	-
Dwellings in the vicinity of Creditview Road				
1st Row of Dwellings	Creditview Road	25	**63**	**57**
2nd Row of Dwellings	Creditview Road	45	**51**	**45**
Rear Yard OLA (Siding)	Creditview Road	30	**59**	-
Dwellings in the vicinity of Chinguacousy Road				
1st Row of Dwellings	Chinguacousy Road	25	**68**	**61**
2nd Row of Dwellings	Chinguacousy Road	45	**54**	**48**
Rear Yard OLA (Siding)	Chinguacousy Road	30	**64**	-
Dwelling Unit in Special Policy Area	Chinguacousy Road	50	**67**	**61**

…/cont'd

TABLE 2 PREDICTED UNMITIGATED SOUND LEVELS OUTDOORS (continued)

Location[1]	Source	Distance (m)[2]	$L_{eq\ Day}$ (dBA)	$L_{eq\ Night}$ (dBA)
Dwellings in the vicinity of Street A				
1st Row of Dwellings	Street A	15	**62**	**55**
Dwellings in the vicinity of Street B				
1st Row of Dwellings	Street B	18	**65**	**59**
2nd Row of Dwellings	Street B	38	**50**	**44**
Rear Yard OLA (Siding)	Street B	22	**62**	-
Dwellings in the vicinity of Street C				
1st Row of Dwellings	Street C	15	**64**	**57**
Rear Yard OLA (Siding)	Street C	22	**60**	-
Dwellings in the vicinity of Street D				
1st Row of Dwellings	Street D	15	**62**	**56**
Dwellings in the vicinity of Street E				
1st Row of Dwellings	Street E	15	**59**	**52**
Dwellings in the vicinity of Street F				
1st Row of Dwellings	Street F	15	**59**	**53**
Rear Yard OLA (Siding)	Street F	22	**55**	-
Dwellings in the vicinity of Street G				
1st Row of Dwellings	Street G	15	**62**	**56**
Rear Yard OLA (Siding)	Street G	22	**58**	-
Dwellings in the vicinity of Highway 413				
1st Row of Dwellings	Highway 413 (Eastbound)	105	65	65
	Highway 413 (Westbound)	145	63	63
	TOTAL	-	**67**	**67**
2nd Row of Dwellings	Highway 413 (Eastbound)	117	55	55
	Highway 413 (Westbound)	157	54	54
	TOTAL	-	**58**	**58**
Rear Yard OLA (Siding)	Highway 413 (Eastbound)	115	61	-
	Highway 413 (Westbound)	155	59	-
	TOTAL	**-**	**63**	**-**
Dwelling Unit in the Special Policy Area	Highway 413 (Eastbound)	385	64	64
	Highway 413 (Westbound)	425	64	64
	TOTAL	**-**	**67**	**67**

…/cont'd

TABLE 2 PREDICTED UNMITIGATED SOUND LEVELS OUTDOORS (continued)

Location(1)	Source	Distance (m)(2)	$L_{eq\ Day}$ (dBA)	$L_{eq\ Night}$ (dBA)
Dwellings in the vicinity of Mayfield Road				
Dwelling Unit in Commercial/Mixed-Use Block adjacent to Mayfield Road	Mayfield Road (Eastbound)	35	67	62
	Mayfield Road (Westbound)	25	69	63
	TOTAL	-	**71**	**65**
1st Row of Low-Rise Dwellings North of Commercial/Mixed-Use Blocks	Mayfield Road (Eastbound)	115	57	51
	Mayfield Road (Westbound)	105	57	52
	TOTAL	-	**60**	**54**
1st Row of Low-Rise Dwellings adjacent to Mayfield Road	Mayfield Road (Eastbound)	35	64	59
	Mayfield Road (Westbound)	25	66	61
	TOTAL	-	**69**	**63**
2nd Row of Low-Rise Dwellings adjacent Mayfield Road	Mayfield Road (Eastbound)	55	52	46
	Mayfield Road (Westbound)	45	53	47
	TOTAL	**-**	**55**	**50**
Rear Yard OLA for Low-Rise Dwellings adjacent to Mayfield Road (Siding)	Mayfield Road (Eastbound)	40	61	-
	Mayfield Road (Westbound)	30	63	-
	TOTAL	**-**	**65**	-

Notes:

(1) See Figure 2.

(2) Distance indicated is from the centreline of the roadway to the facade or OLA.

2.4 NOISE ABATEMENT REQUIREMENTS

The noise control measures can generally be classified into two categories which are interrelated, but which can be treated separately for the most part:

a) The sound isolation performance of architectural elements to achieve the indoor noise guideline sound levels for transportation sources; and

b) design features to attenuate the sound levels in the OLA's.

Noise abatement requirements/recommendations are summarized in Table 4 and in the notes to Table 4.

2.4.1 Indoors

2.4.1.1 Architectural Requirements

The indoor noise guideline sound levels can be achieved by using appropriate construction for exterior walls, windows and doors. In determining the worst-case architectural sound isolation requirements, exterior wall and window areas at the low-rise dwellings were assumed to be 80% and 30%, respectively, of the associated floor area, on both facades of a corner room with both facades exposed directly or at an angle to the transportation noise source(s). Exterior wall and

window areas at the high-rise dwellings (in the Commercial/Mixed-Use Block and the Special Policy Area) were assumed to be 20% and 80%, respectively, of the associated floor area, on both facades of a corner room with both facades exposed directly or at an angle to the transportation noise source(s).

The analysis shows that upgraded exterior wall and window construction is required for the first row of dwellings from Highway 413, Mississauga Road, Mayfield Road and Chinguacousy Road. With upgraded exterior wall construction meeting STC 54 (e.g. brick veneer), the window requirements would be:

- Up to STC 30 for low-rise dwellings at these locations; and
- Up to STC 35 for high-rise dwellings at these locations (in the Mixed-Use/Commercial Blocks and the Special Policy Areas).

At all other locations, it is expected that exterior wall and window construction meeting the minimum non-acoustical requirements of the Ontario Building Code (OBC) will be sufficient to meet the indoor noise criteria.

Notes:

- The STC ratings above should be considered general guidance as to expected requirements. The assessment should be updated once the plans showing the lot layouts (including orientations and distances relative to the noise sources) are developed. This should be done as part of the draft plan/site plan applications for the parcels within the development.
- If detailed floor plans and elevations are not available at the time of draft plan/site plan applications, the requirements will need to be finalized once these plans are available.
- The window frames themselves must be designed to ensure that the overall sound isolation performance for the entire window unit meets the sound isolation requirement. This should be confirmed by the window manufacturer through the submission of acoustical test data.

2.4.1.2 Ventilation Requirements

The calculations show that the expected ventilation requirements are:

- Mandatory air conditioning is required for:
  - The first row of dwellings adjacent to Highway 413, Mississauga Road, Mayfield Road and Chinguacousy Road; and
  - The high-rise dwellings within the commercial/mixed-use blocks adjacent to Mayfield Road and Mississauga Road, and the Special Policy Area.
- The provision for adding air conditioning is required for:
  - The first row of dwellings adjacent to Creditview Road and internal roadways Street A, B, C, D, E, F, and G;
  - The second row of dwellings from Highway 413 and Mississauga Road;

- The first row of dwellings adjacent to the Natural Environment System Area along Mississauga Road;
- The first row of dwellings north of the Commercial/Mixed-Use Blocks along Mayfield Road.

The ventilation requirements are shown on Figure 2.

For detached dwellings and townhouse blocks, the provision for adding air conditioning typically takes the form of a ducted ventilation system suitably sized to permit the addition of central air conditioning by the occupant.

2.4.2 Outdoors

The unmitigated daytime OLA sound levels at the rear yards of dwellings siding onto Mayfield Road, Mississauga Road, Creditview Road, Chinguacousy Road, Highway 413 and several of the internal roadways are predicted to exceed the 55 dBA design objective of the MECP. Sound barriers have therefore been investigated.

The analysis shows that the minimum sound barrier heights are expected to be:

- 2.4 m high at dwellings siding onto Highway 413, Mississauga Road, Mayfield Road, Chinguacousy Road and Street B;
- 1.8 m high at dwellings siding onto Creditview Road, Street A, Street C, Street D and Street G.

The unmitigated sound levels at the OLA along Streets E and F are predicted to be 55 dBA or lower and sound barriers would therefore not be required at these locations.

Note that with the sound barriers above, the OLA sound levels at Highway 413, Mississauga Road, Mayfield Road and Chinguacousy Road would exceed the 55 dBA design objective but be within the 60 dBA maximum permitted under the MECP guidelines. To mitigate the sound levels to 55 dBA, 3.3 m high sound barriers (2.4 m high fence atop a 0.9 m high berm) would be required at dwellings along Mississauga Road and Mayfield Road, 3.0 m high sound barriers (2.0 m high fence atop a 1.0 m berm) would be required at dwellings along Highway 413, and 2.6 m high sound barriers (2.4 m high fence atop 0.2 m high berm) would be required at dwellings along Chinguacousy Road. The mitigated sound levels at all other dwellings would be 55 dBA or lower.

2.4.2.1 Notes about the sound barrier requirements

- The sound barrier requirements are highly dependent on the orientations of the rear yards relative to the roadways, the setback distances, screening by other dwellings within the development, and the future site grading. Detailed sound barrier requirements should be investigated during the Draft Plan/Site Plan approval processes for the parcels within the development, when detailed plans are available.
- The sound barrier requirements above apply to dwellings that side toward the roadways, with partial screening from the dwelling itself as well as the dwelling on an adjacent lot. If the dwellings do not back onto an adjacent residential lot (e.g. the rear yard that backs onto a park or a natural heritage system block), or if the dwellings back directly onto the roadways, the sound barrier requirements are expected to be higher.

- It is anticipated that the rear lane and back-to-back townhouse units will have balconies and private terraces that are less than 4 m in depth. Thus, they would not be considered OLA's and sound barriers would not be required.
- Sound barriers must be of solid construction with no gaps, cracks or holes (except for small, localized openings required for water drainage) and must have a minimum surface weight of 20 kg/m^2. A variety of materials are available, including concrete, masonry, glass, wood, specialty composite materials or a combination of the above.

2.5 WARNING CLAUSES

Warning clauses are a tool to inform prospective owners/occupants of potential annoyance due to existing noise sources. Where the guideline sound level limits are exceeded, appropriate warning clauses should be registered on title or included in the development agreement that is registered on title. The warning clauses should also be included in agreements of Offers of Purchase and Sale and lease/rental agreements to make future occupants aware of the potential noise situation.

Table 4 and the notes to Table 4 summarize the warning clauses for the site.

3.0 STATIONARY SOURCE ASSSMENT

The MECP definition of a stationary source indicates that it is a source of noise that is included and normally operated within the property lines of a facility. Industrial and commercial facilities are considered stationary sources. Stationary sources are assessed separately from transportation noise sources under the MECP guidelines.

3.1 ENVIRONMENTAL NOISE GUIDELINES

3.1.1 MECP Publication NPC-300 – Stationary Sources

Stationary sources are treated differently by the MECP guideline than transportation sources of noise (i.e. road, rail and aircraft traffic). Stationary source noise criteria used for noise impact assessments are dependent on the type of area and the ambient sound environment. The site and area are Class 1, i.e., an area where the ambient sound environment is dominated by "urban hum", primarily traffic noise, for the entire daytime, evening and nighttime periods. This is due to the proximity of the area road network. See Appendix B for a summary of the NPC-300 noise guideline limits.

3.1.1.1 Sound Level Criteria – Class 1 Areas

MECP Publication NPC-300 requires the hourly sound level (i.e. $L_{eq\ 1hr}$) from the stationary sources to not exceed the higher of the ambient sound level due to road traffic noise or the minimum exclusion limits at a Point of Reception (POR). For a Class 1 area, the exclusion limits are 50 dBA during the daytime and evening periods (0700 to 2300 hours) and 45 dBA during the nighttime period (2300 to 0700 hours). The above limits apply at the exterior of a window into a noise sensitive space (at all times) and outdoors during the daytime and evening periods. There are no sound level limits at an outdoor point of reception (OPOR) at night.

The MECP requires a "predictable worst case" one-hour operating scenario be analysed. This occurs when the sound emissions from the stationary noise source exceeds the guideline limit by the greatest margin.

No indoor sound level objectives are provided for stationary sources.

Noise emissions from emergency equipment (such as emergency generators) are assessed separately from non-emergency equipment. The sound level limits are 5 dB higher (less stringent) than those for non-emergency equipment and only apply when the equipment is operating in non-emergency situations, such as testing or maintenance of the equipment. The sound level limits do not apply to emergency equipment operating in emergency situations.

3.1.2 Sound Level Limits

The dwellings closest to Highway 413, Mayfield Road, Mississauga Road, Creditview Road and Chinguacousy Road may have elevated ambient sound levels due to road traffic. However, many of the dwellings will be far enough setback from these roadways and acoustically screened by intervening rows of buildings and/or sound barriers such that the ambient sound levels due to road traffic noise are expected to be minor. For this assessment, the minimum exclusion limits have been used for all receptors.

3.2 STATIONARY SOURCES

The blocks intended for employment and commercial use areas along Mayfield Road currently consist of:

- The existing Walker Environmental Gro-Bark facility and GB Stone Ltd. facilities, at 816 Mayfield Road, that will be retained as part of the development;
- The existing Corteva Agriscience facility, at 12111 Mississauga Road, that will be retained as part of the development;
- The existing Alloa Public School, at 12287 Mississauga Road, that will be retained as a school use within the development;
- The existing Alloa Reservoir and Pumping Station, at 1248 Mayfield Road, that will be retained as part of the development;
- The existing Malala Yousafzai Public School, at 1248 Mayfield Road, that will be re-developed into a works yard; and
- Agricultural lands and detached dwellings that will be re-developed into future employment and mixed/commercial uses.

VCL staff completed a site visit to the area on May 4, 2024 and confirmed that the existing stationary sources in the area with the potential for impact at the subject site are the facilities located at 816 Mayfield Road (Walker Environmental Gro-Bark and GB Stone Ltd.), 12111 Mississauga Road (Corteva Agriscience), and the pumping station/reservoir. Observations of the facilities were made from the property lines and facility entrances and VCL staff did not enter onto private property during the visit and did not communicate with facility owners/operators. For any noise sources that were identified, typical sound data from the VCL database for similar equipment operating at other sites was used.

A preliminary model of the Walker Environmental Gro-Bark, GB Stone Ltd. and Corteva Agriscience facilities was completed to determine the potential noise impact at the residential areas. (Note that a preliminary model of the pumping station could not be completed at this time as the noise sources were not visible from the street or aerial imagery and the facility was not audible during the site visit.) The MECP guidelines indicate that each stationary source should be assessed separately, as each facility would need to comply with the guideline limits on their own (i.e., independent of the contribution from other facilities in the vicinity). However, to be conservative, the noise impact from Walker Environmental Gro-Bark, GB Stone Ltd. and Corteva Agriscience has been assessed cumulatively in this analysis.

3.2.1 Walker Environmental Gro-Bark Processing Facility and GB Stone Ltd.

The property at 816 Mayfield Road consists of two facilities: the Walker Environmental Gro-Bark processing facility and GB Stone Ltd. The GB Stone Ltd. facility operates in the southeast quadrant of the property, adjacent to Mayfield Road. Walker Environmental occupies the rest of the site.

3.2.1.1 GB Stone Ltd.

GB Stone Ltd. is a landscaping supply company. The website for the facility states that it is a provider of paver stone, natural stone, aggregates, soil, and turf. In accordance with information on the website, the facility operates between 0700 and 1700 on Monday to Friday, and between 0800 and 1600 on Saturday. The facility is closed on Sundays.

GB Stone has an office trailer and product showcase area at the south end of their facility. Storage bins for aggregate materials are located along the east perimeter of the property. The remainder of the yard is used for storing pallets of sales inventory (e.g. paver stones).

During the site visit by VCL staff, the following equipment was observed parked on site close to the product display area:

- 1 front-end loader
- 2 forklifts
- 2 dump/aggregate trucks
- 1 flatbed truck

The significant noise sources associated with this facility are expected to be the front-end loader and forklifts working in the yard and truck activities (shipping and receiving) on site. It was assumed that the equipment would operate during the facility hours of operation only. Thus, there is no activity at the facility during the evening or at night.

The worst-case operations were assumed to be:

- Daytime scenario (0700 to 1900 hours):
  - One heavy truck arrives, travels to the north end of the facility (storage yard) where it is loaded with product for shipping off-site, and then departs the site. The truck was assumed to travel at 15 km/h (modelled as a line source) while on site;

- One heavy truck arrives, travels to the south end of the facility (product showcase area) where it is loaded with product for shipping off-site, and then departs the site. The truck was assumed to travel at 15 km/h (modelled as a line source) while on site;
- Each heavy truck idles for 5 min while on site (modelled as point sources) at the pick up or drop off location;
- Two aggregate trucks arrive on site, deliver material to the storage bins, and depart the site, travelling at 15 km/h (modelled as a line source);
- One front end loader operates for the full hour near the aggregate bins (modelled as a line source);
- Two forklifts operate in the yard (loading an unloading trucks and moving inventory) for the full hour (modelled as an area source).

- Evening (1900 to 2300) and nighttime (2300 to 0700) scenarios:
  - No activity on site.

The sources and operating scenario are summarized in Table 3A.

3.2.1.2 Walker Environmental Gro-Bark

Walker Environmental Gro-Bark is a manufacturing and processing facility for soil and mulch products. On-site signage indicates that the facility operates between 0700 and 1900 hours, Monday to Friday.

The facility operating area is roughly “L”-shaped and occupies the northwest, southwest, and northeast quadrants of the property at 816 Mayfield Road. Satellite imagery, signage at the facility entrance and observations during the site visit indicate:

- Materials are processed (including screening/sorting and grinding/chipping), mixed, and packed for shipping at the facility
- Aerial imagery shows 2 buildings located on site: one within the southwest quadrant, near Mayfield Road, and one located within the northwest quadrant. The building to the north was not visible during the site visit and operations at this building are not known.
- The area to the south of the office building appears to be used for the storage of packaged pallets of materials.
- The rest of the facility area is used for bulk storage, in open piles, of materials. The bulk storage area appears to be divided into the three yards (northwest, southwest and northeast) by the internal roads.
- Aerial imagery indicates that equipment that is operated in the storage yards includes screeners/sorters, front-end loaders, forklifts and trucks.

The significant noise sources associated with this facility are expected to be material screening/sorting in the yards, front-end loaders and forklifts working in the yards, and truck movements on site. For this assessment, it was assumed that any noise potentially generated from any indoor processing activities within the buildings on site would be insignificant relative to noise from activities in the yard. Chipping and grinding were assumed to occur inside the building.

It was assumed that the equipment would operate during the facility hours of operation only.

The worst-case operations were assumed to be:

- Daytime scenario (0700 to 1900 hours):
  - Two (2) heavy trucks and (2) dump trucks arriving at each of the three yards for shipping/receiving of product, and then departing (represented by line sources) the site. All trucks travel at 15 km/h while on site.
  - One (1) heavy truck arriving at the south of the site (at the south side of the main building) for shipping/receiving packaged pallets of materials (represented by a line source).
  - Four (4) heavy trucks idling at each of the three yards for 5 minutes each, that occurs when the heavy trucks and dump trucks are loading/unloading materials (represented by point sources).
  - One (1) heavy truck idling at the south of the site for 5 minutes when being loaded/unloaded with pallets (represented by a point source).
  - Three (3) front-end loaders working in each of the three yards, for the full hour (represented by area sources).
  - One mobile screener operating within each of the three yards, for the full hour (represented by area sources).
  - One point source representing the dust collector located on the north facade of the main office/processing building, operating for the full hour.
- Evening (1900 to 2300 hours) and nighttime (2300 to 0700 hours) scenario:
  - No activity on site.

The noise sources and operating scenarios are summarized in Table 3A.

TABLE 3A NOISE SOURCE DETAILS - GB STONE AND WALKER ENVIRONMENTAL

Source ID[1]	Source Description	Sound Power Level (dBA)[5][6]	Source Height (m)[4]	Operations (per worst case hour)
				Daytime[7]
GB Stone				
GB_HeavyTrkIdle01 and GB_HeavyTrkIdle02	Heavy Truck Idling at North and South sides of Facility	101	2.4	5 min/hour each
GB_HeavyTrkMove01 and GB_HeavyTrkMove02[2]	Heavy Trucks Arriving and Departing	106	2.4	1 movement on each path at 15 kph
GB_AggTrk[2]	2 Dump Trucks Moving in the Yard	98	2.4	2 movements at 15 kph
GB_FEL[2]	1 Front-End Loader Moving in the Yard	99	1.0	60 min/hour
GB_Forklift[3]	2 Forklifts Moving in the Yard	97	2.0	60 min/hour each
Walker Environmental				
Walker_HeavyTrkMove01 to Walker_HeavyTrkMove03[2]	2 Heavy Truck Movements within each yard	106	2.4	2 movements at 15 kph in each yard
Walker_DumpTrk01 to WalkerDumpTrk03[2]	2 Dump Truck Movements within each yard	102	2.4	2 movements at 15 kph in each yard
Walker_HeavyTrkIdle 01 to Walker_HeavyTrkIdle 03	4 Heavy Trucks Idling during Loading/Unloading within each yard	101	2.4	20 min/hour (representing 4 trucks idling for 5 min) in each yard
Walker_FEL01 to Walker_FEL03[3]	3 Front-End Loaders working within each yard	99	1.0	60 min/hour each
Walker_Screener[3]	1 screener/sorter operating at each yard	100	2.0	60 min/hour each
Walker_DustCollector	Dust collector located on the north facade of the main office building	99	2.0	60 min/hour

Notes:

(1) See Figure 3 for the source locations. Sources are represented by point sources unless otherwise noted.

(2) Line source.

(3) Area source.

(4) Relative to grade unless otherwise noted.

(5) Sound level for a single source, unless otherwise noted.

(6) VCL library data.

(7) Facility operates during the daytime period only.

3.2.2 Corteva Agriscience

Corteva Agriscience is located at 12111 Mississauga Road. Observations on site indicate that Corteva Agriscience is an agricultural research and development facility. Hours of operations were not posted near the site entrance or online.

The facility appears to consist of:

- A large greenhouse complex connected to a "main" facility building along the south side of the site. This main building includes an office entrance on the south side and three overhead doors on the north side.
- A smaller greenhouse structure and three small buildings along the north side of the site.
- One small building at the east end of the site.

Satellite imagery and observations during the site visit indicate:

- There are air handling units and exhaust fans on the roof of the main building, connected to the larger greenhouse structure.
- There are grade-level condenser units along the facades of the large greenhouse structure at the south side of the site.
- There are exhaust fans on the west facade of the smaller greenhouse located at the north side of the site.
- There is an emergency generator next to the overhead doors along the north side of the main building.

The significant noise sources associated with this facility are expected to be the rooftop mechanical units, the greenhouse exhaust fans and condenser units, truck activities on site (shipping/receiving) and testing of the emergency generator.

Truck traffic on site was assumed only to occur during the daytime and evening hours. The greenhouses were assumed to be climate controlled and/or ventilated, with equipment that could operate 24 hours a day.

The worst-case operations were assumed to be:

- Daytime/evening scenario (0700 to 2300 hours):
  - All mechanical equipment (rooftop and greenhouse mechanical equipment) operating for the full hour (represented by point sources).
  - Three (3) heavy trucks arrive to the overhead doors located on the north side of the main site facility for shipping and receiving activities and depart (represented by a line).
  - Three (3) heavy trucks idle for 5 min each during loading/unloading (represented by a point source). It was assumed that goods would be loaded/unloaded by hand or with a pallet jack and would not produce impulse noise.
  - The emergency generator running for the full hour during testing.

- Nighttime (2300 to 0700 hours) scenario:
  - All mechanical units operating for the full hour.
  - No truck activity.

Note, under NPC-300, emergency generator testing is assessed separately from the non-emergency sources. The sound level limits for noise due to emergency generator testing is also higher. For this preliminary assessment, the emergency generator testing has been included with the non-emergency sources and the higher guideline limits have not been applied. This is conservative.

The noise sources and operating scenarios are summarized in Table 3B.

TABLE 3B NOISE SOURCE DETAILS - CORTEVA AGRISCIENCE

Source ID[1]	Source Description	Sound Power Level (dBA)[5][6]	Source Height (m)[3]	Operations (per worst-case hour)	
				Daytime/ Evening	Nighttime
Cort_HeavyTrkMove[2]	Heavy Truck Movements	101	2.4	3 movements at 15 kph	No activity.
Cort_HeavyTrkIdle01 to Cort_HeavyTrkIdle03	Heavy Truck Idling at Overhead Doors	106	2.4	5 min/hour each	No activity.
Cort_CU01 to Cort_CU49	Grade-Level Condenser Units at Greenhouse Facades	81	1.0	60 min/hour each	60 min/hour each
Cort_EF01 to Cort_EF07	Exhaust Fans at Greenhouse Facades	72	1.0	60 min/hour each	60 min/hour each
Cort_MUA01 to Cort_MUA05	Rooftop Air Handling Units	93	1.5[4]	60 min/hour each	60 min/hour each
Cort_REF01 to Cort_REF16	Rooftop Exhaust Fans	72	0.7[4]	60 min/hour each	60 min/hour each
GEN_Corteva	Emergency Generator	100	2.7	60 min/hour	No testing.

Notes:

(1) See Figure 4 for the source locations. Sources are represented by point sources unless otherwise noted.

(2) Line source.

(3) Relative to grade unless otherwise noted.

(4) Source height relative to the roof.

(5) Sound levels for equipment are based on sample sound power and sound spectrum data used in other projects completed by VCL, unless otherwise noted.

(6) Sound level for a single source.

3.2.3 Alloa Public School

Alloa Public School is located at 12287 Mississauga Road and will be retained as a school within the Secondary Plan. Based on aerial imagery available online, the major noise sources associated with this facility are the rooftop air handling units, as well as potential school bus movement at the beginning and end of the school days, around the pick-up/drop-off loop at the front of the school.

Satellite imagery shows screens surrounding all air handling units on the roof. Noise was not audible from this facility at the south property line (along Mississauga Road) at the time of the site visit. The noise impact from this facility is expected to be minor and has not been considered further in this report.

3.2.4 1248 Mayfield Road

The property at 1248 Mayfield Road is currently occupied by the Alloa Reservoir and Pumping Station (towards the north end of the property) and Malala Yousafzai Public School (at the south end of the property, adjacent to Mayfield Road). These properties were inaccessible and noise sources were not clearly visible on aerial imagery. No noise from either facility was audible from the south property line during the site visit.

Pumping Station

It is understood that the pumping station will be retained as part of the Alloa Secondary Plan development. The most significant noise source associated with a pumping station is typically expected to be the testing of an emergency generator.

A detailed assessment of the noise impact from the pumping station should be completed during the draft plan/site plan approvals process for the adjacent residential parcels (including sound measurements of any noise sources at the pumping station) to determine whether noise mitigation measures (e.g. silencers, sound barriers) are required.

Public School/Works Yard

It is understood that the Town of Caledon has purchased the land currently occupied by the school and will be developing a future Works Yard. The Works Yard must be designed to meet the MECP sound level limits outlined in MECP guideline NPC-300 at all neighbouring noise sensitive uses, including the future dwellings within the subject site.

3.3 ANALYSIS METHOD

A 3-D acoustic model of the facilities, as shown on Figures 3 to 6, was developed using CadnaA V2023 MR1 environmental noise modelling software, which follows the protocol of the ISO Standard 9613.2, “Acoustics – Attenuation of Sound During Propagation in Outdoors”, to predict the sound levels at the building facades and OPORs.

The following parameters were used in the model:

1. Hard ground (G = 0.0) was used for the roadways, paved surfaces and gravel surfaces. Soft ground (G = 1) was used elsewhere.
2. Two orders of sound reflection were included in the assessment.

The grid calculation feature was used to calculate the sound levels from the stationary sources. This method calculates sound levels on a grid of receptors at a defined height, across an area. The receptor height used for the grid evaluation was set at 7.5 m high, representing third-storey bedroom windows of a single-family dwelling.

Screening from the stockpiles in the Walker Environmental yard was not included in the assessment.

3.4 RESULTS

The predicted sound levels due each of the nearby industries are shown on Figure 5 (worst case daytime/evening hour) and Figure 6 (worst case nighttime hour). On the figures, lines of equal sound levels have been indicated as contours.

The assessment shows that the unmitigated sound levels at the residential area are predicted to meet 50 dBA in the daytime/evening scenario and 45 dBA in the nighttime scenario. This meets the applicable noise guideline limits.

Since this preliminary analysis was completed using assumed sound levels and operating scenarios, the results should be confirmed with a more detailed assessment, done in consultation with the facilities. This should be completed as part of the draft plan/site plan applications for any adjacent parcels with noise-sensitive uses.

4.0 FUTURE EMPLOYMENT AND MIXED-USE BLOCKS

Future uses in the employment/commercial blocks within the development will need to be designed so that any sound emissions from these facilities comply with the stationary source sound level limits in Publication NPC-300, with consideration to the surrounding residential uses including those that are part of this proposed development.

Detailed noise studies of these blocks should be done as a condition of Site Plan Approval.

5.0 OVERALL MITIGATION REQUIREMENTS

The overall mitigation requirements for the transportation sources are shown in Table 4. No additional mitigation is required for the stationary sources.

TABLE 4 MINIMUM NOISE ABATEMENT MEASURES

Location[1]	Air Conditioning[2][8]	Exterior Wall[3]	Exterior Window[4]	Sound Barrier[1][5]	Warning Clauses[7]
Low-rise dwellings adjacent to Highway 413, Mississauga Road, Mayfield Road and Chinguacousy Road.	Mandatory	STC 54	Up to STC 30	Minimum 2.4 m high	A + B + D + E
High-rise dwellings within the Commercial/Mixed-Use blocks adjacent to Mayfield Road and Mississauga Road	Mandatory	STC 54	Up to STC 35	TBD[6]	A + B + D + E
High-rise dwellings within the Special Policy Area	Mandatory	STC 54	Up to STC 35	TBD[6]	A + B + D + E
Dwellings adjacent to Street B	Provision for adding	No special acoustical requirements	No special acoustical requirements	Minimum 2.4 m high	A + C + D
Dwellings adjacent to Creditview Road, Street A, C, D and G	Provision for adding	No special acoustical requirements	No special acoustical requirements	Minimum 1.8 m high	A + C + D
Dwellings adjacent to Street E and F	Provision for adding	No special acoustical requirements	No special acoustical requirements	None	A + C
2nd row of dwellings from Mississauga Road and Highway 413	Provision for adding	No special acoustical requirements	No special acoustical requirements	None	A + C + E
Dwellings adjacent to Natural Environment System on the east side of Mississauga Road	Provision for adding	No special acoustical requirements	No special acoustical requirements	None	A + C + E
First row of dwellings north of Commercial/Mixed-Use Blocks along Mayfield Road	Provision for adding	No special acoustical requirements	No special acoustical requirements	None	A + C + E

Notes to Table 4 on the following page.

Notes to Table 4:

(1) See Figure 2.

(2) Where methods must be provided to allow windows to remain closed for noise control purposes, a commonly used technique is that of air conditioning.

(3) STC – Sound Transmission Class Rating (Reference ASTM E-413).

The requirements are based on the assumed percentages of wall and window area to associated floor area stated in Section 2.4.1 and should be reviewed once detailed floor plans are available.

(4) STC – Sound Transmission Class Rating (Reference ASTM E-413). A sliding glass walkout door should be considered as a window and be included in the percentage of glazing.

The requirements were based on the assumed percentages of wall and window area to associated floor area stated in Section 2.4.1 and should be reviewed once detailed floor plans are available.

(5) Sound barriers must be of solid construction with no gaps cracks or holes, and must have a minimum surface density of 20 kg/m².

(6) Sound barriers for the Commercial/Mixed-Use blocks and high-rise developments within the Special Policy Areas will depend on the lot layouts, building heights, and set back distances from the roadways, and will need to be determined when more detailed drawings for these blocks are available.

(7) Standard example warning clauses to be registered on title and be included in Offers of Purchase and Sale for designated lots:

A. "Purchases/tenants are advised that despite the inclusion of noise control features in the development and within the building units, sound levels due to increasing road traffic may on occasions interfere with some activities of the dwelling occupants as the sound levels exceed the sound level limits of the Municipality and the Ministry of the Environment, Conservation and Parks."

B. "This dwelling unit has been supplied with a central air conditioning system which will allow windows and exterior doors to remain closed, thereby ensuring that the indoor sound levels are within the sound level limits of the Municipality and the Ministry of the Environment, Conservation and Parks."

C. "This dwelling unit has been designed with the provision for adding central air conditioning at the occupant's discretion. Installation of central air conditioning by the occupant in low and medium density developments will allow windows and exterior doors to remain closed, thereby ensuring that the indoor sound levels are within the sound level limits of the Municipality and the Ministry of the Environment, Conservation and Parks."

D. "Purchasers/occupants are advised that the acoustical barrier as installed shall be maintained, repaired or replaced by the owner. Any maintenance, repair or replacement shall be with the same material, to the same standards, and having the same colour and appearance of the original."

E. "Purchasers / occupants are advised that due to the proximity of the existing industrial/commercial development, noise from these facilities may, at times, be audible".

(8) All exterior doors shall be fully weather-stripped.

6.0 CONCLUSIONS

With the incorporation of the recommended noise mitigation measures, the applicable Town of Caledon, Peel Region and MECP noise guidelines can be met and a suitable acoustical environment provided for the occupants.

The approvals and administrative procedures are available to ensure that the noise requirements are implemented.

7.0 REFERENCES

1. PC STAMSON 5.04, "Computer Program for Road Traffic Noise Assessment", Ontario Ministry of the Environment.

2. Building Practice Note No. 56: "Controlling Sound Transmission into Buildings", by J. D. Quirt, Division of Building Research, National Council of Canada, September 1985.

3. "Environmental Noise Assessment in Land-Use Planning 1987", Ontario Ministry of the Environment, February 1987, ISBN 0-7729-2804-5.

4. MECP Publication NPC-300, "Stationary and Transportation Sources – Approval and Planning" Ontario Ministry of the Environment, August 2013.

5. "General Guidelines for the Preparation of Acoustical Reports in the Region of Peel", Region of Peel. November 2012.

6. "Development Standards Manual, Version 5.0", Town of Caledon, 2019.

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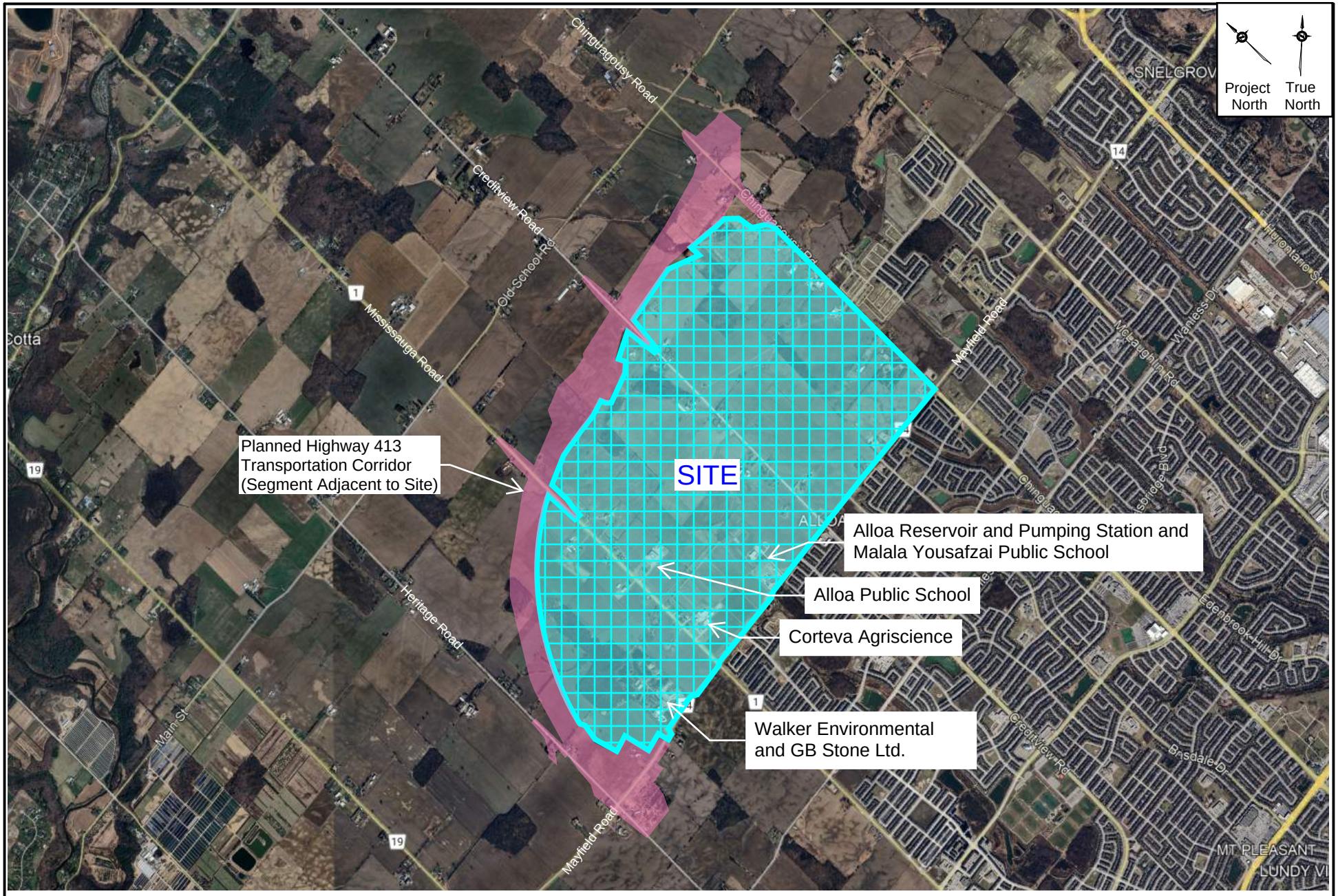
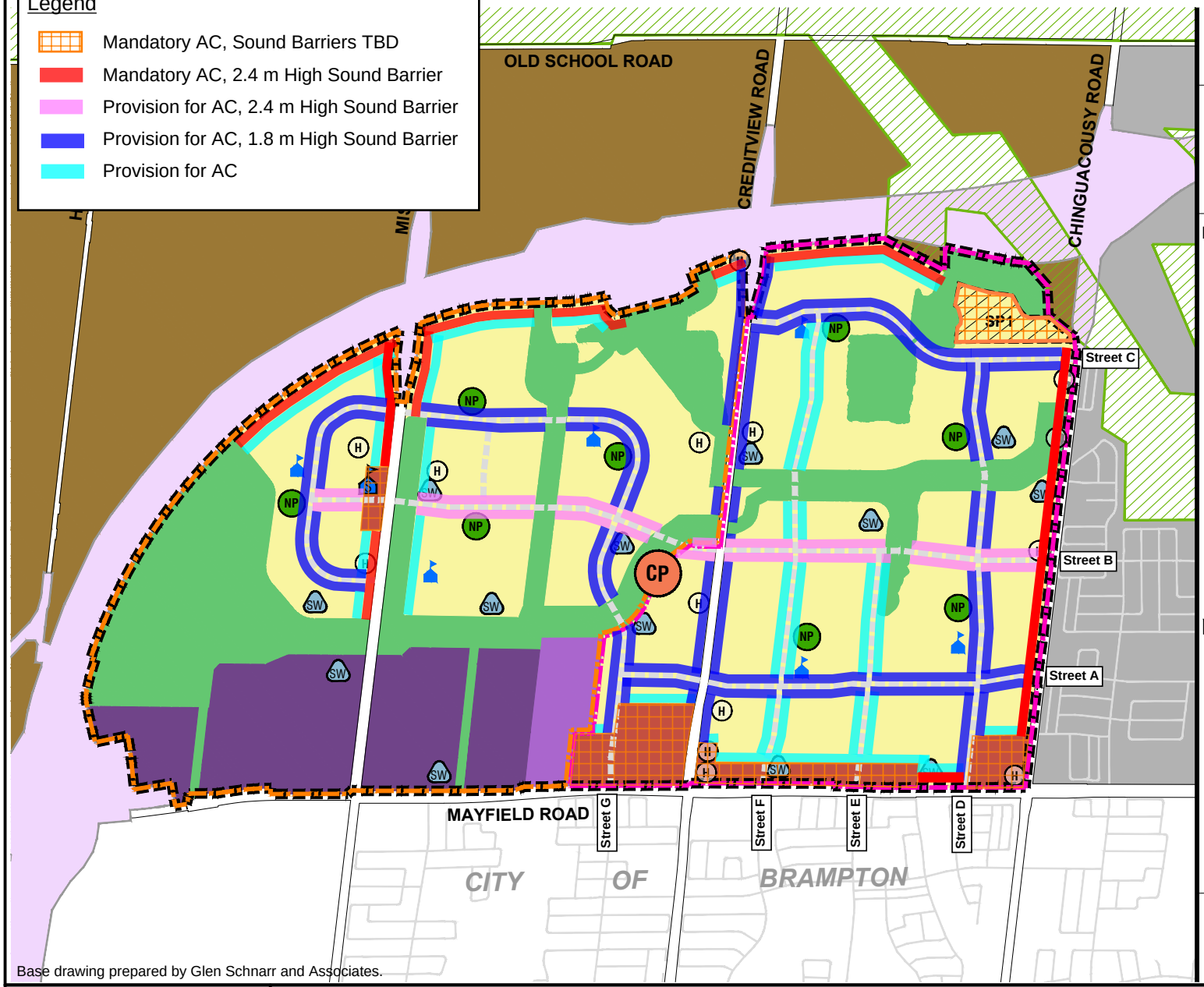


VALCOUSTICS Canada Ltd. consulting acoustical engineers	Title: **Key Plan**	Date: **June 27, 2024**	Figure: **1**
	Project Name: **Alloa Secondary Plan, Caledon**	Project No.: **124-0062.000**	



Base drawing prepared by Glen Schnarr and Associates.

TOWN OF CALEDON

Project North | True North

OFFICIAL PLAN

Schedule XX

Alloa Secondary Plan: Land Use Plan

Land Use

- Neighbourhood Area
- Major Commerical / Mixed-Use Area
- Prestige Employment Area
- General Employment Area
- Natural Environment System Area
- Prime Agricultural Area
- Urban Area
- Greenbelt Plan Area
- Neighbourhood Park
- Community Park
- Elementary School
- Secondary School
- Stormwater Management Pond
- Potential Heritage Resource

Other Map Elements

- Secondary Plan Boundary
- Phase 1 Boundary
- Phase 2 Boundary
- Planned Highway 413 Transportation Corridor
- Collector Road
- Special Policy Area

0 100 200 300 400 500 m

Date of print: 6/10/2024

June 2024

This map forms part of the Future Caledon Official Plan of the Town of Caledon and must be read in conjunction with the text, other schedules and secondary plans. The boundaries/alignments of designations on this schedule are approximate and are not intended to be scaled.

VALCOUSTICS Canada Ltd. consulting acoustical engineers

Title	Date	Figure
Alloa Secondary Plan	June 27, 2024	2
Project Name	Project No.	
Alloa Secondary Plan, Caledon	124-0062.000	

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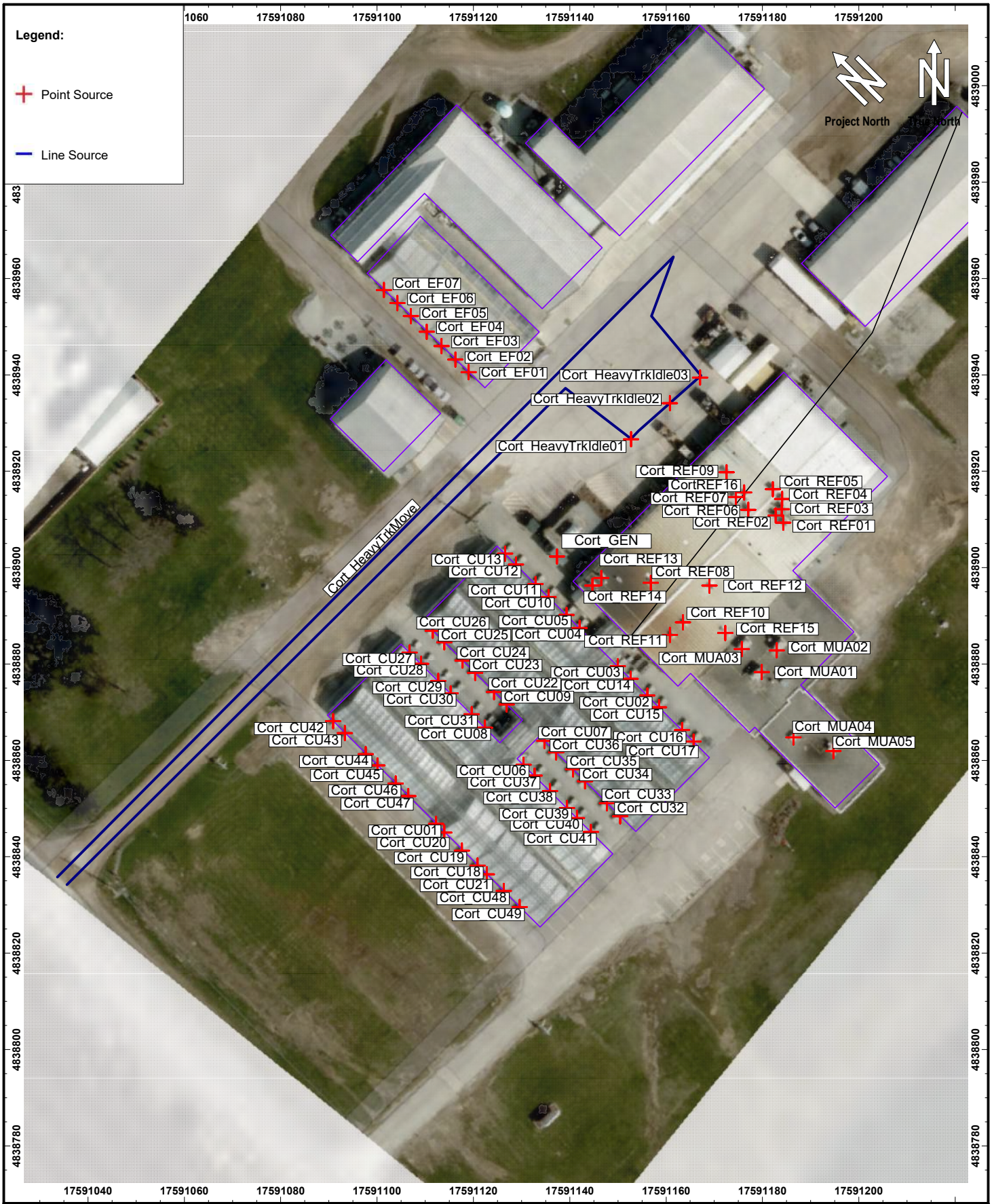
Title	Date	Figure
Source IDs - GB Stone and Walker Environmental	**June 27, 2024**	**3**
Project Name: **Alloa Secondary Plan, Caledon**	Project No.: **124-0062**	

J:\2024\1240062\000\Analysis\Cadna\2024-05-01 Alloa Secondary Plan - Preliminary Model.cna

Date Plotted: 27.06.24



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Title	Date	Figure
Source IDs - Corteva	**June 27, 2024**	**4**
Project Name	Project No.	
Alloa Secondary Plan, Caledon	**124-0062**	

J:\2024\1240062\000\Analysis\Cadna\2024-05-01 Alloa Secondary Plan - Preliminary Model.cna

Date Plotted: 27.06.24

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Title
Unmitigated Sound Levels due to Stationary Sources (dBA) - Daytime/Evening

Date
June 27, 2024

Figure
5

Project Name
Alloa Secondary Plan, Caledon

Project No.
124-0062

J:\2024\1240062\000\Analysis\Cadna\2024-05-01 Alloa Secondary Plan - Preliminary Model.cna

Date Plotted: 28.06.24

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Title
Unmitigated Sound Levels due to Stationary Sources (dBA) - Nighttime

Date
June 27, 2024

Figure
6

Project Name
Alloa Secondary Plan, Caledon

Project No.
124-0062

J:\2024\1240062\000\Analysis\Cadna\2024-05-01 Alloa Secondary Plan - Preliminary Model.cna

Date Plotted: 28.06.24

APPENDIX A
TRAFFIC DATA CORRESPONDENCE

Date: March 18, 2024
From: Jane Hu, Valcoustics Canada Ltd
Re: Traffic Data Request – Mayfield Road (700m West of Chinguacousy Road)

Jane,
As per your request, we are providing the following 2019 traffic data:

	Existing	Ultimate
24 Hour Traffic Volume	20,290	48,600
# of Lanes	2	6
Day/Night Split	86/14	86/14
Day Trucks (% of Total Volume)	2.6% Medium 2.5% Heavy	2.6% Medium 2.5% Heavy
Night Trucks (% of Total Volume)	1.5% Medium 1.9% Heavy	1.5% Medium 1.9% Heavy
Right-of-Way Width	50 meters	
Posted Speed Limit	60 km/h	

Please note:

1. The current volume is not the Annual Average Daily Traffic, but the averaged raw volumes over three data collection days. If you need the Annual Average Traffic Volume, please visit the Peel Open Data website below: http://opendata.peelregion.ca/data-categories/transportation/traffic-count-stations.aspx
2. The ultimate volume is the planned volume during a level of service 'D' where a 2 second vehicle headway and a volume to capacity ratio of 0.9 is assumed. Traffic signals and hourly variations in traffic are also incorporated into the ultimate volume.

If you require further assistance, please contact me at transportationplanningdata@peelregion.ca

Thank you,

Karan Bedi
Intermediate Planner, Transportation Planning
Transportation Division, Public Works
Region of Peel Transportation Division, Public Works
10 Peel Centre Drive, Suite B, 4th Floor.
Brampton, ON L6T 4B9
905-791-7800 e. 7901

Date: March 18, 2024
From: Jane Hu, Valcoustics Canada Ltd
Re: Traffic Data Request – Mississauga Road (920M North of Mayfield Road)

Jane,
As per your request, we are providing the following 2019 traffic data:

	Existing	Ultimate
24 Hour Traffic Volume	5,804	32,400
# of Lanes	2	4
Day/Night Split	90/10	90/10
Day Trucks (% of Total Volume)	4.4% Medium 2.1% Heavy	4.4% Medium 2.1% Heavy
Night Trucks (% of Total Volume)	5.7% Medium 2.7% Heavy	5.7% Medium 2.7% Heavy
Right-of-Way Width	30 meters	
Posted Speed Limit	80 km/h	

Please note:

1. The current volume is not the Annual Average Daily Traffic, but the averaged raw volumes over three data collection days. If you need the Annual Average Traffic Volume, please visit the Peel Open Data website below: http://opendata.peelregion.ca/data-categories/transportation/traffic-count-stations.aspx
2. The ultimate volume is the planned volume during a level of service 'D' where a 2 second vehicle headway and a volume to capacity ratio of 0.9 is assumed. Traffic signals and hourly variations in traffic are also incorporated into the ultimate volume.

If you require further assistance, please contact me at transportationplanningdata@peelregion.ca

Thank you,

Karan Bedi
Intermediate Planner, Transportation Planning
Transportation Division, Public Works
Region of Peel Transportation Division, Public Works
10 Peel Centre Drive, Suite B, 4th Floor.
Brampton, ON L6T 4B9
905-791-7800 e. 7901

Jane Hu

From: Aidan Hallsworth <ahallsworth@cfcrozier.ca>
Sent: Wednesday, June 19, 2024 2:56 PM
To: Jane Hu; My-Linh Yee; Seema Nagaraj
Cc: Alexander Fleming; Zechariah Bouchard; Jason Afonso; Michael Linton
Subject: RE: Alloa Secondary Plan Traffic Data
Attachments: 2024.06.19 Alloa Secondary Plan 2044 Future Total Volumes.xlsx

Good afternoon Jane,

Our expectation is that the speed limits on the future internal roadways to be 50 km/h for collector roadways and 40 km/h for local roads. Tim Manley Avenue is expected to be 60 km/h.

In addition, there are speed limit changes outlined by the Town of Caledon Transportation Master Plan for the future, we have listed these below (these are for the segments north of Mayfield Road) just in case you might need them:
Chinguacousy Road – 60km/h
Creditview Road – 60km/h

We also note that there has been a minor update to the 2044 volume projection, with the updated values attached to this email.

Any questions, please let us know.

Thanks,

Aidan Hallsworth, EIT
Engineering Intern, Transportation
Office: 905.693.4712
Collingwood | Milton | Toronto | Bradford | Guelph

From: Jane Hu <jhu@valcoustics.com>
Sent: Tuesday, June 18, 2024 3:53 PM
To: My-Linh Yee <myee@cfcrozier.ca>; Seema Nagaraj <seema@valcoustics.com>
Cc: Alexander Fleming <afleming@cfcrozier.ca>; Aidan Hallsworth <ahallsworth@cfcrozier.ca>; Zechariah Bouchard <zechariahb@gsai.ca>; Jason Afonso <jasona@gsai.ca>; Michael Linton <mlinton@cfcrozier.ca>
Subject: RE: Alloa Secondary Plan Traffic Data

Hi My-Linh,

Thank you for the data. For our analysis, we also need the posted speed limits of the roadways. What do you currently expect the posted speed limits on the internal roadways to be?

Thank you,
Jane Hu

VALCOUSTICS Canada Ltd.
consulting acoustical engineers
30 Wertheim Court, Unit 25
Richmond Hill, Ontario
Canada L4B 1B9
Tel: 905-764-5223 ext. 233
Fax: 905-764-6813
solutions@valcoustics.com

From: My-Linh Yee <myee@cfcrozier.ca>
Sent: Tuesday, June 18, 2024 10:00 AM
To: Seema Nagaraj <seema@valcoustics.com>
Cc: Alexander Fleming <afleming@cfcrozier.ca>; Aidan Hallsworth <ahallsworth@cfcrozier.ca>; Zechariah Bouchard <zechariahb@gsai.ca>; Jason Afonso <jasona@gsai.ca>; Michael Linton <mlinton@cfcrozier.ca>; Jane Hu <jhu@valcoustics.com>
Subject: RE: Alloa Secondary Plan Traffic Data

Hi Seema,

I have attached the TMCs that we conducted in June for **additional intersections**. As for the TMCs provided in May, they are the most recent counts for those intersections, which are also reattached.

Let me know if you have any further questions.

Thanks,
My-Linh

My-Linh Yee, EIT
Engineering Intern, Transportation
Office: 905.876.7159
Collingwood | Milton | Toronto | Bradford | Guelph

Proudly named one of Canada's Top Small & Medium Employers for 2024. Read more here.

CROZIER

From: Seema Nagaraj <seema@valcoustics.com>
Sent: Tuesday, June 18, 2024 9:32 AM
To: My-Linh Yee <myee@cfcrozier.ca>; Michael Linton <mlinton@cfcrozier.ca>; Jane Hu <jhu@valcoustics.com>
Cc: Alexander Fleming <afleming@cfcrozier.ca>; Aidan Hallsworth <ahallsworth@cfcrozier.ca>; Zechariah Bouchard

<zechariahb@gsai.ca>; Jason Afonso <jasona@gsai.ca>
Subject: RE: Alloa Secondary Plan Traffic Data

Hi My-Linh,

Thank you for sending the data.

Can you please also TMCs provided in May (attached fore reference) are the latest set of current counts?

Thank you,

Seema Nagaraj, Ph.D., P.Eng.
Acoustical Engineer

VALCOUSTICS
Canada Ltd.
consulting acoustical engineers
30 Wertheim Court, Unit 25
Richmond Hill, Ontario
Canada L4B 1B9
Tel: 905-764-5223 ext. 243
Fax: 905-764-6813
solutions@valcoustics.com

From: My-Linh Yee <myee@cfcrozier.ca>
Sent: June 17, 2024 11:49 PM
To: Michael Linton <mlinton@cfcrozier.ca>; Jane Hu <jhu@valcoustics.com>
Cc: Alexander Fleming <afleming@cfcrozier.ca>; Aidan Hallsworth <ahallsworth@cfcrozier.ca>; Seema Nagaraj <seema@valcoustics.com>; Zechariah Bouchard <zechariahb@gsai.ca>; Jason Afonso <jasona@gsai.ca>
Subject: RE: Alloa Secondary Plan Traffic Data

Hi Jane,

Please see the attached 2044 Future Total Volumes, which include the entire Secondary Plan area. It is noted that there may be some minor changes, but these should be adequate for your review.

We will advise you if there are any major changes in these volumes. Let me know if you have any questions.

Thanks,
My-Linh

My-Linh Yee, EIT
Engineering Intern, Transportation
Office: 905.876.7159
Collingwood | Milton | Toronto | Bradford | Guelph

From: Michael Linton <mlinton@cfcrozier.ca>
Sent: Monday, June 17, 2024 12:11 PM
To: Jane Hu <jhu@valcoustics.com>
Cc: Alexander Fleming <afleming@cfcrozier.ca>; My-Linh Yee <myee@cfcrozier.ca>; Aidan Hallsworth <ahallsworth@cfcrozier.ca>; Seema Nagaraj <seema@valcoustics.com>
Subject: RE: Alloa Secondary Plan Traffic Data

Thanks Jane and will do.

We can provide the growth rates for the relevant roadways that you can use on the corridor for the 2044 Volumes and beyond if needed in that case.

Thanks,

Mike

Michael Linton, M.A.Sc., P.Eng. | Associate
Senior Project Manager, Transportation
DID: 905.693.7849 | Cell: 289.892.7050

From: Jane Hu <jhu@valcoustics.com>
Sent: Monday, June 17, 2024 12:00 PM
To: Michael Linton <mlinton@cfcrozier.ca>
Cc: Alexander Fleming <afleming@cfcrozier.ca>; My-Linh Yee <myee@cfcrozier.ca>; Aidan Hallsworth <ahallsworth@cfcrozier.ca>; Seema Nagaraj <seema@valcoustics.com>
Subject: RE: Alloa Secondary Plan Traffic Data

Hi Michael,

Thanks for the email. Yes, confirming we are looking for the future total traffic volume forecasts with the full site build out.

The Town of Caledon requires noise analyses to be based on 20-year forecasts. Would these volumes also represent the 2044 condition, or should we project the data for an additional 3 years? If we need to project the data, what is a suitable growth rate to use?

I believe we have already received the current year turning movement count showing truck volumes at the beginning of May. Could you also please resend the data to ensure that we have the most current full set?

Thank you,
Jane Hu

VALCOUSTICS Canada Ltd.
consulting acoustical engineers
30 Wertheim Court, Unit 25
Richmond Hill, Ontario
Canada L4B 1B9

Tel: 905-764-5223 ext. 233
Fax: 905-764-6813
solutions@valcoustics.com

From: Michael Linton <mlinton@cfcrozier.ca>
Sent: Monday, June 17, 2024 11:40 AM
To: Jane Hu <jhu@valcoustics.com>
Cc: Alexander Fleming <afleming@cfcrozier.ca>; My-Linh Yee <myee@cfcrozier.ca>; Aidan Hallsworth <ahallsworth@cfcrozier.ca>
Subject: Alloa Secondary Plan Traffic Data

Hi Jane,

As we finalize our forecasts and check against our model results, we wanted to confirm specifically the info you'll need from us for your work?

Would you only need our 2041 Future Total Volume Forecasts?

Thanks,

Mike
Michael Linton, M.A.Sc., P.Eng. | Associate
Senior Project Manager, Transportation
Office: 905.693.7849
Collingwood | Milton | Toronto | Bradford | Guelph

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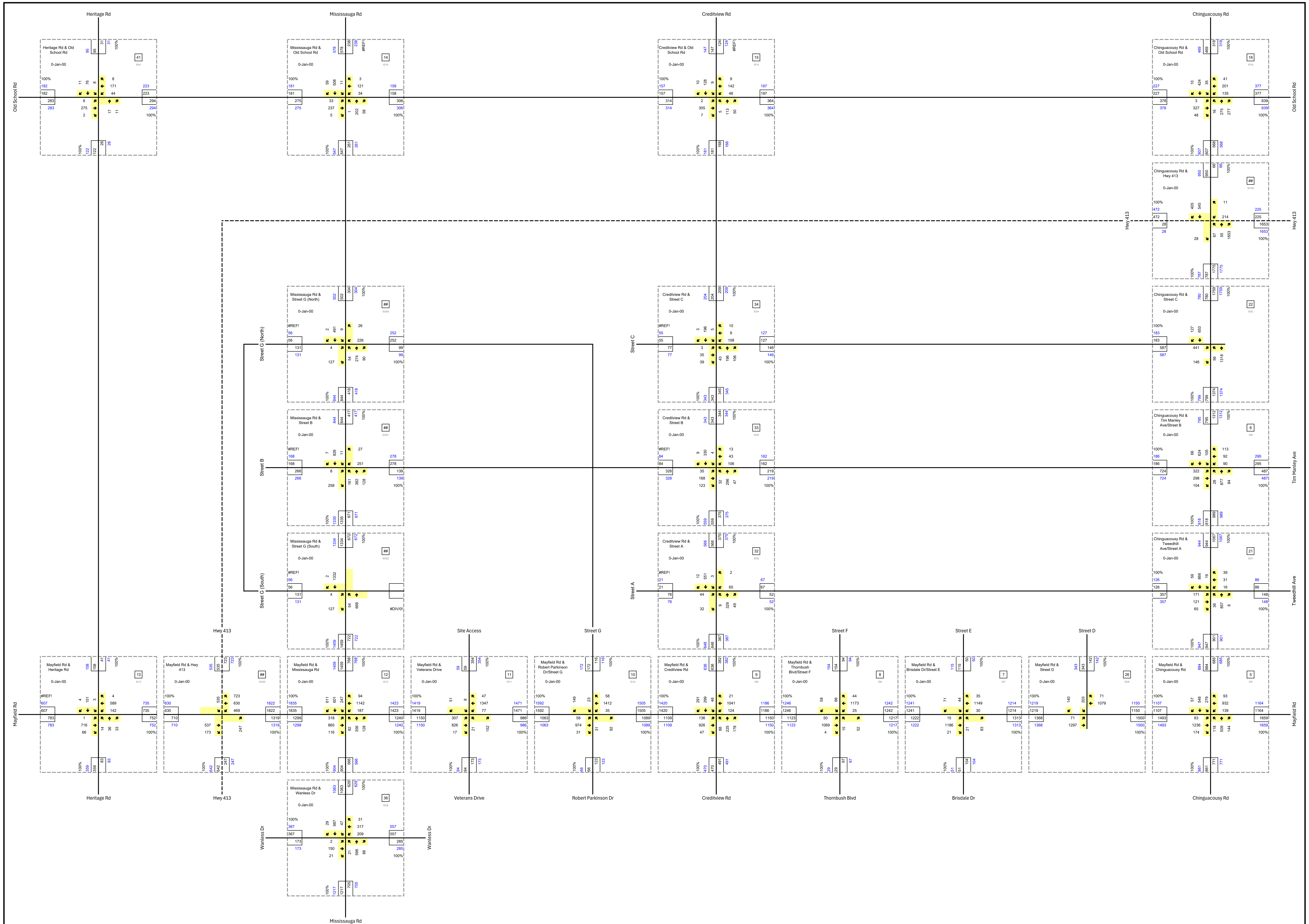
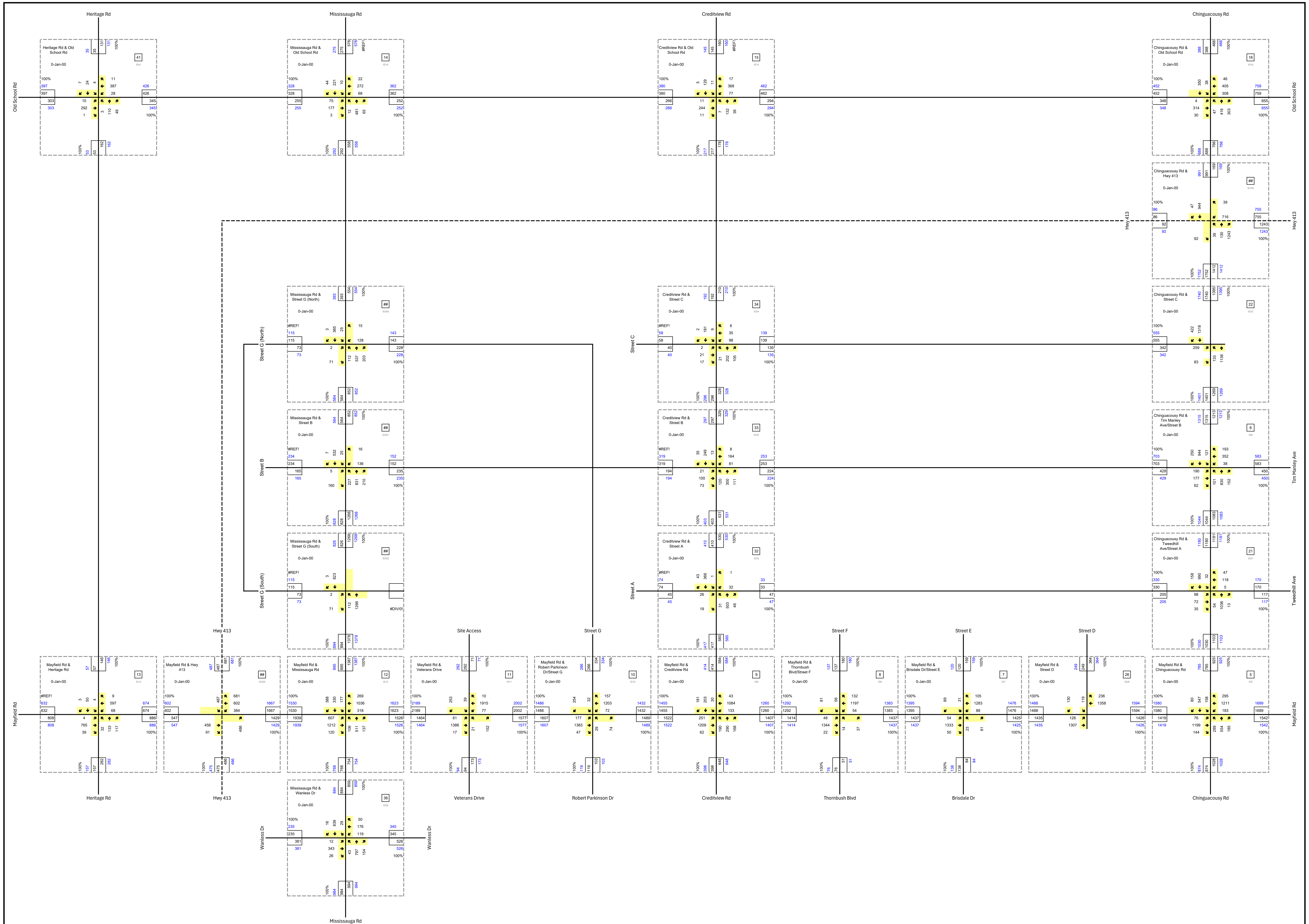
CROZIER


Heritage Rd
Mississauga Rd
Creditview Rd
Chinguacousy Rd
Old School Rd
Hwy 413
Street G (North)
Street B
Street G (South)
Street C
Street A
Tim Manley Ave
Tweedhill Ave
Site Access
Street G
Street F
Street E
Street D
Mayfield Rd
Veterans Drive
Robert Parkinson Dr
Thornbush Blvd
Brisdale Dr
Wanless Dr
Heritage Rd & Old School Rd
Mississauga Rd & Old School Rd
Creditview Rd & Old School Rd
Chinguacousy Rd & Old School Rd
Chinguacousy Rd & Hwy 413
Mississauga Rd & Street G (North)
Creditview Rd & Street C
Chinguacousy Rd & Street C
Mississauga Rd & Street B
Creditview Rd & Street B
Chinguacousy Rd & Tim Manley Ave/Street B
Mississauga Rd & Street G (South)
Creditview Rd & Street A
Chinguacousy Rd & Tweedhill Ave/Street A
Mayfield Rd & Heritage Rd
Mayfield Rd & Hwy 413
Mayfield Rd & Mississauga Rd
Mayfield Rd & Veterans Drive
Mayfield Rd & Robert Parkinson Dr/Street G
Mayfield Rd & Creditview Rd
Mayfield Rd & Thornbush Blvd/Street F
Mayfield Rd & Brisdale Dr/Street E
Mayfield Rd & Street D
Mayfield Rd & Chinguacousy Rd
Mississauga Rd & Wanless Dr
0-Jan-00



Heritage Rd
Mississauga Rd
Creditview Rd
Chinguacousy Rd
Old School Rd
Hwy 413
Street G (North)
Street C
Street B
Tim Manley Ave
Street G (South)
Street A
Tweedhill Ave
Site Access
Street G
Street F
Street E
Street D
Mayfield Rd
Veterans Drive
Robert Parkinson Dr
Thornbush Blvd
Brisdale Dr
Wanless Dr

Spectrum

Turning Movement Count
Location Name: CHINGUACOUSY RD & TIM MANLEY AVE
Date: Tue, Apr 23, 2024 Deployment Lead: David Chu

Crozier & Associates
ACCOUNTS PAYABLE
TORONTO - SELECT PROVINCE -, M1W1Y6
- SELECT COUNTRY -

Turning Movement Count (6 . CHINGUACOUSY RD & TIM MANLEY AVE)

Start Time	N Approach CHINGUACOUSY RD						E Approach TIM MANLEY AVE						S Approach CHINGUACOUSY RD						W Approach WEST DRIVEWAY						Int. Total (15 min)	Int. Total (1 hr)
	Right N:W	Thru N:S	Left N:E	UTurn N:N	Peds N:	Approach Total	Right E:N	Thru E:W	Left E:S	UTurn E:E	Peds E:	Approach Total	Right S:E	Thru S:N	Left S:W	UTurn S:S	Peds S:	Approach Total	Right W:S	Thru W:E	Left W:N	UTurn W:W	Peds W:	Approach Total		
06:00:00	0	3	1	0	0	4	0	0	9	0	0	9	1	19	0	0	0	20	0	0	0	0	0	0	33	
06:15:00	0	11	0	0	0	11	1	0	4	0	0	5	4	32	0	0	0	36	0	0	0	0	0	0	52	
06:30:00	0	6	2	0	0	8	3	0	5	0	0	8	7	23	0	0	0	30	0	0	0	0	0	0	46	
06:45:00	0	15	5	0	0	20	0	0	6	0	0	6	6	24	0	0	0	30	0	0	0	0	0	0	56	187
07:00:00	0	9	2	0	0	11	2	0	14	0	0	16	15	28	0	0	0	43	0	0	0	0	0	0	70	224
07:15:00	1	20	4	0	0	25	0	0	7	0	0	7	7	27	0	0	0	34	0	0	0	0	0	0	66	238
07:30:00	0	21	2	0	0	23	0	0	11	0	0	11	8	25	0	0	0	33	0	0	0	0	0	0	67	259
07:45:00	0	47	1	0	0	48	2	0	13	0	0	15	0	34	0	0	0	34	0	0	1	0	0	1	98	301
08:00:00	0	35	1	0	0	36	0	0	12	0	0	12	14	24	1	0	0	39	0	0	0	0	0	0	87	318
08:15:00	0	31	1	0	0	32	0	0	16	0	0	16	13	32	0	0	0	45	0	0	1	0	0	1	94	346
08:30:00	0	29	6	0	0	35	2	0	20	0	0	22	12	20	0	0	0	32	0	0	0	0	0	0	89	368
08:45:00	1	17	0	0	0	18	3	0	17	0	0	20	14	22	0	0	0	36	0	0	0	0	0	0	74	344
09:00:00	0	9	2	0	0	11	2	0	8	0	0	10	17	23	0	0	0	40	0	0	1	0	0	1	62	319
09:15:00	0	14	0	0	0	14	0	0	5	0	0	5	9	18	0	0	0	27	0	0	0	0	0	0	46	271
09:30:00	0	8	0	0	0	8	5	0	9	0	0	14	6	15	0	0	0	21	0	0	0	0	0	0	43	225
09:45:00	0	9	0	0	0	9	2	0	12	0	2	14	14	25	0	0	0	39	0	0	0	0	0	0	62	213
BREAK																										
15:00:00	0	25	0	0	0	25	1	0	9	0	0	10	4	27	0	0	0	31	0	0	0	0	0	0	66	
15:15:00	0	25	5	0	0	30	1	0	15	0	0	16	23	40	0	0	0	63	0	0	0	0	0	0	109	
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15:45:00	0	36	5	0	0	41	1	0	13	0	0	14	26	28	0	0	0	54	0	0	0	0	0	0	109	377
16:00:00	0	31	1	0	0	32	2	0	17	0	0	19	7	35	0	0	0	42	0	0	0	0	0	0	93	404
16:15:00	0	32	0	0	0	32	0	0	13	0	0	13	3	24	0	0	0	27	0	0	0	0	0	0	72	367
16:30:00	1	35	1	0	0	37	1	0	12	0	0	13	10	35	0	0	0	45	0	0	2	0	0	2	97	371
16:45:00	0	30	2	0	0	32	3	0	14	0	0	17	14	23	0	0	0	37	0	0	1	0	0	1	87	349
17:00:00	0	47	2	0	0	49	4	0	14	0	0	18	16	30	0	0	0	46	0	0	0	0	0	0	113	369
17:15:00	0	35	1	0	0	36	1	0	14	0	0	15	12	20	0	0	0	32	0	0	0	0	0	0	83	380
17:30:00	0	50	4	0	0	54	1	0	9	0	0	10	14	27	0	0	0	41	0	0	0	0	0	0	105	388
17:45:00	0	46	0	0	0	46	1	0	7	0	0	8	17	29	0	0	0	46	0	0	0	0	0	0	100	401
18:00:00	1	33	0	0	0	34	0	0	13	0	0	13	16	24	0	0	0	40	0	0	0	0	0	0	87	375
18:15:00	0	32	2	0	0	34	0	0	7	0	0	7	17	23	0	0	0	40	1	0	0	0	0	1	82	374
18:30:00	0	25	2	0	0	27	0	0	15	0	0	15	15	24	0	0	0	39	0	0	0	0	0	0	81	350
18:45:00	0	35	0	0	0	35	1	0	13	0	0	14	13	24	0	0	0	37	0	0	0	0	0	0	86	336
Grand Total	4	828	54	0	0	886	41	0	363	0	2	404	369	841	1	0	0	1211	1	0	6	0	0	7	**2508**	-
Approach%	0.5%	93.5%	6.1%	0%		-	10.1%	0%	89.9%	0%		-	30.5%	69.4%	0.1%	0%		-	14.3%	0%	85.7%	0%		-	-	-
Totals %	0.2%	33%	2.2%	0%		35.3%	1.6%	0%	14.5%	0%		16.1%	14.7%	33.5%	0%	0%		48.3%	0%	0%	0.2%	0%		0.3%	-	-
Heavy	0	20	9	0		-	8	0	57	0		-	56	19	0	0		-	0	0	1	0		-	-	-
Heavy %	0%	2.4%	16.7%	0%		-	19.5%	0%	15.7%	0%		-	15.2%	2.3%	0%	0%		-	0%	0%	16.7%	0%		-	-	-
Bicycles	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-
Bicycle %	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-

Peak Hour: 07:45 AM - 08:45 AM Weather: Overcast Clouds (7.73 °C)

Start Time	N Approach CHINGUACOUSY RD						E Approach TIM MANLEY AVE						S Approach CHINGUACOUSY RD						W Approach WEST DRIVEWAY						Int. Total (15 min)
	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	
07:45:00	0	47	1	0	0	48	2	0	13	0	0	15	0	34	0	0	0	34	0	0	1	0	0	1	98
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08:15:00	0	31	1	0	0	32	0	0	16	0	0	16	13	32	0	0	0	45	0	0	1	0	0	1	94
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Grand Total	0	142	9	0	0	151	4	0	61	0	0	65	39	110	1	0	0	150	0	0	2	0	0	2	**368**
Approach%	0%	94%	6%	0%		-	6.2%	0%	93.8%	0%		-	26%	73.3%	0.7%	0%		-	0%	0%	100%	0%		-	**-**
Totals %	0%	38.6%	2.4%	0%		41%	1.1%	0%	16.6%	0%		17.7%	10.6%	29.9%	0.3%	0%		40.8%	0%	0%	0.5%	0%		0.5%	**-**
PHF	0	0.76	0.38	0		0.79	0.5	0	0.76	0		0.74	0.7	0.81	0.25	0		0.83	0	0	0.5	0		0.5	**-**
Heavy	0	2	3	0		5	2	0	9	0		11	15	2	0	0		17	0	0	1	0		1	**-**
Heavy %	0%	1.4%	33.3%	0%		3.3%	50%	0%	14.8%	0%		16.9%	38.5%	1.8%	0%	0%		11.3%	0%	0%	50%	0%		50%	**-**
Lights	0	140	6	0		146	2	0	52	0		54	24	108	1	0		133	0	0	1	0		1	**-**
Lights %	0%	98.6%	66.7%	0%		96.7%	50%	0%	85.2%	0%		83.1%	61.5%	98.2%	100%	0%		88.7%	0%	0%	50%	0%		50%	**-**
Single-Unit Trucks	0	0	1	0		1	1	0	7	0		8	12	0	0	0		12	0	0	1	0		1	**-**
Single-Unit Trucks %	0%	0%	11.1%	0%		0.7%	25%	0%	11.5%	0%		12.3%	30.8%	0%	0%	0%		8%	0%	0%	50%	0%		50%	**-**
Buses	0	2	2	0		4	0	0	2	0		2	3	2	0	0		5	0	0	0	0		0	**-**
Buses %	0%	1.4%	22.2%	0%		2.6%	0%	0%	3.3%	0%		3.1%	7.7%	1.8%	0%	0%		3.3%	0%	0%	0%	0%		0%	**-**
Articulated Trucks	0	0	0	0		0	1	0	0	0		1	0	0	0	0		0	0	0	0	0		0	**-**
Articulated Trucks %	0%	0%	0%	0%		0%	25%	0%	0%	0%		1.5%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	**-**
Bicycles on Road	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	**-**
Bicycles on Road %	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	**-**
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		**-**

Spectrum

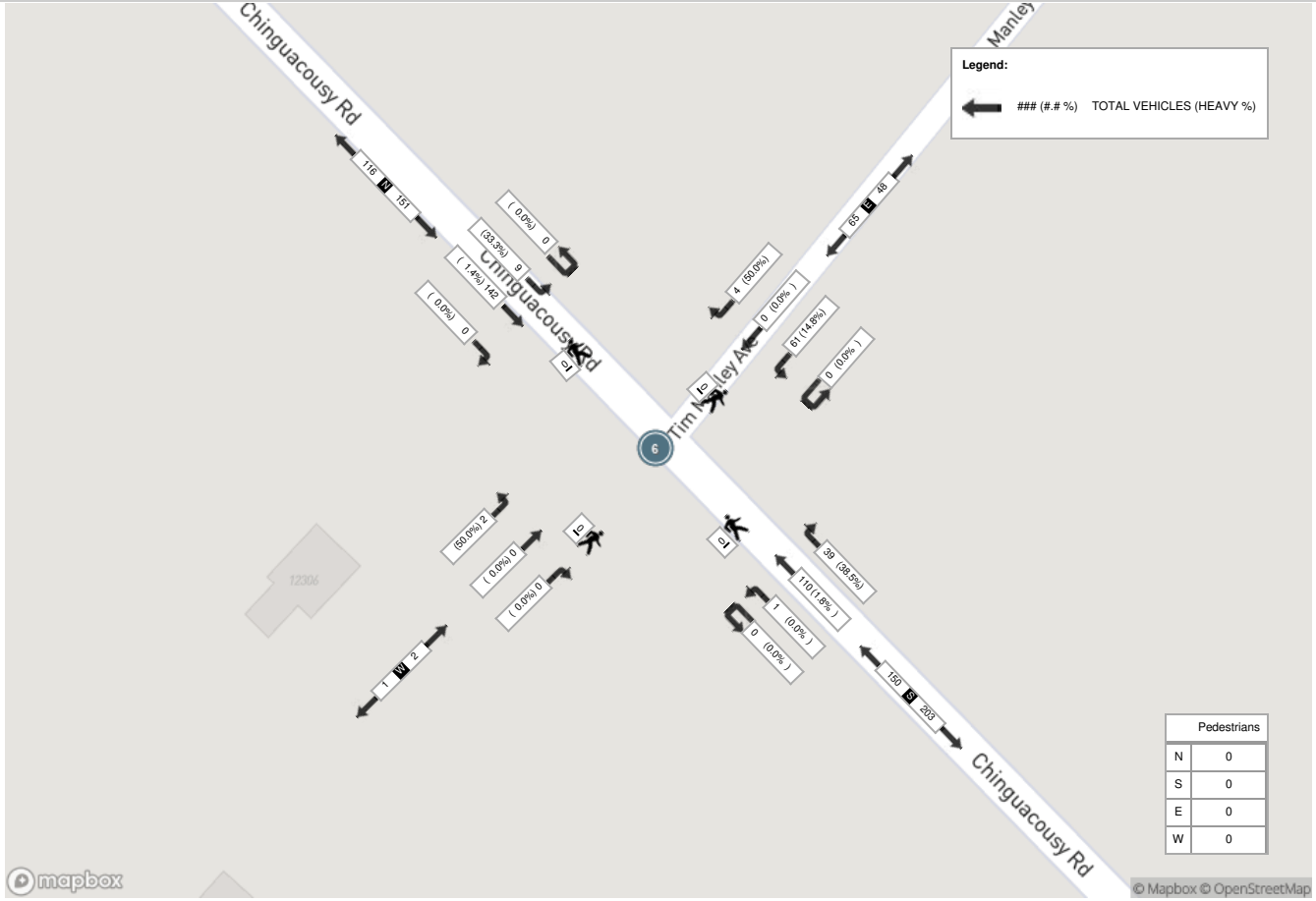
Turning Movement Count
Location Name: CHINGUACOUSY RD & TIM MANLEY AVE
Date: Tue, Apr 23, 2024 Deployment Lead: David Chu

Crozier & Associates
ACCOUNTS PAYABLE
TORONTO - SELECT PROVINCE -, M1W1Y6
- SELECT COUNTRY -

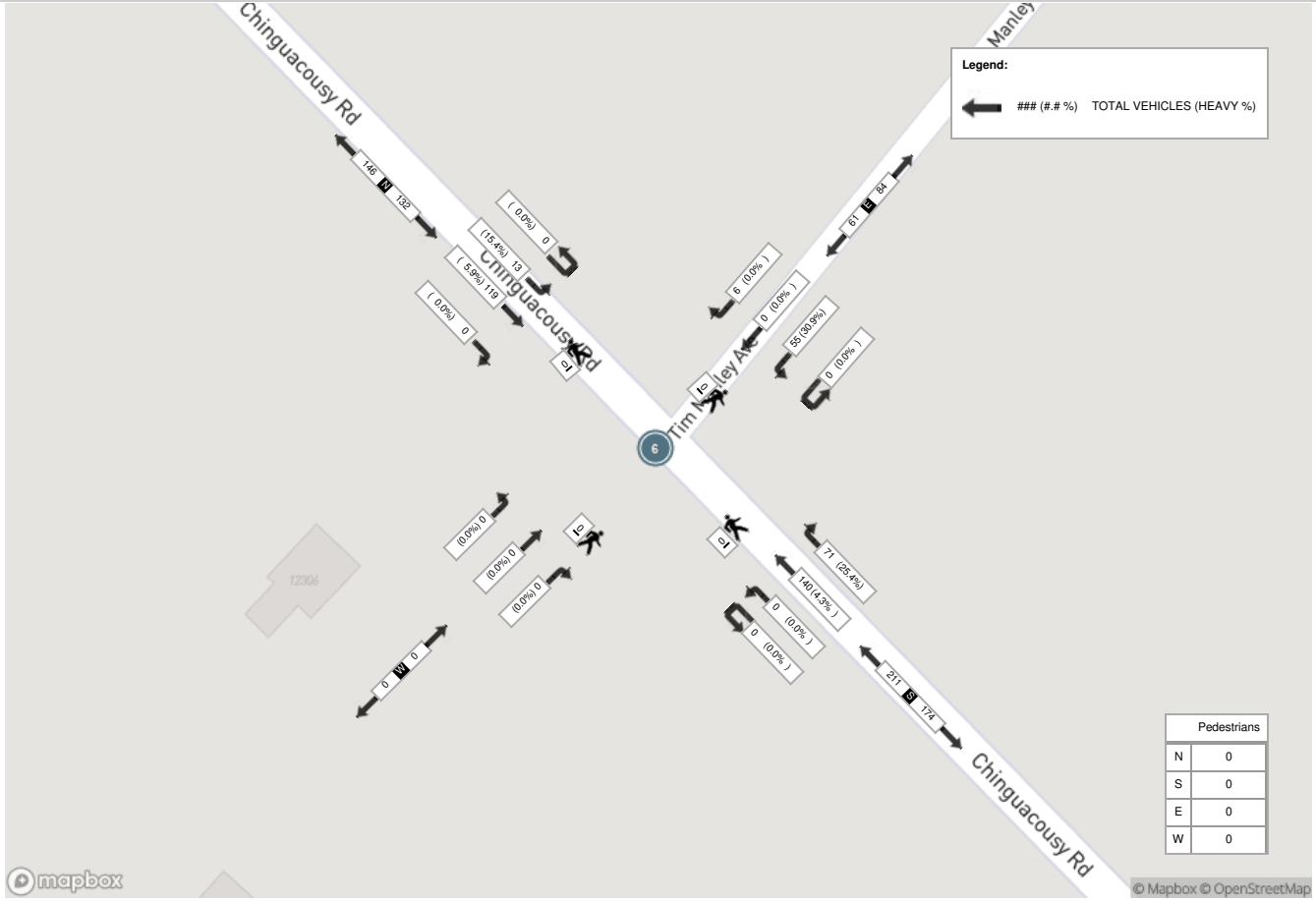
Peak Hour: 03:15 PM - 04:15 PM Weather: Overcast Clouds (14.32 °C)

Start Time	N Approach CHINGUACOUSY RD						E Approach TIM MANLEY AVE						S Approach CHINGUACOUSY RD						W Approach WEST DRIVEWAY						Int. Total (15 min)
	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	
15:15:00	0	25	5	0	0	30	1	0	15	0	0	16	23	40	0	0	0	63	0	0	0	0	0	0	109
15:30:00	0	27	2	0	0	29	2	0	10	0	0	12	15	37	0	0	0	52	0	0	0	0	0	0	93
15:45:00	0	36	5	0	0	41	1	0	13	0	0	14	26	28	0	0	0	54	0	0	0	0	0	0	109
16:00:00	0	31	1	0	0	32	2	0	17	0	0	19	7	35	0	0	0	42	0	0	0	0	0	0	93
Grand Total	0	119	13	0	0	132	6	0	55	0	0	61	71	140	0	0	0	211	0	0	0	0	0	0	**404**
Approach%	0%	90.2%	9.8%	0%		-	9.8%	0%	90.2%	0%		-	33.6%	66.4%	0%	0%		-	0%	0%	0%	0%		-	**-**
Totals %	0%	29.5%	3.2%	0%		32.7%	1.5%	0%	13.6%	0%		15.1%	17.6%	34.7%	0%	0%		52.2%	0%	0%	0%	0%		0%	**-**
PHF	0	0.83	0.65	0		0.8	0.75	0	0.81	0		0.8	0.68	0.88	0	0		0.84	0	0	0	0		0	**-**
Heavy	0	7	2	0		9	0	0	17	0		17	18	6	0	0		24	0	0	0	0		0	**-**
Heavy %	0%	5.9%	15.4%	0%		6.8%	0%	0%	30.9%	0%		27.9%	25.4%	4.3%	0%	0%		11.4%	0%	0%	0%	0%		0%	**-**
Lights	0	112	11	0		123	6	0	38	0		44	53	134	0	0		187	0	0	0	0		0	**-**
Lights %	0%	94.1%	84.6%	0%		93.2%	100%	0%	69.1%	0%		72.1%	74.6%	95.7%	0%	0%		88.6%	0%	0%	0%	0%		0%	**-**
Single-Unit Trucks	0	0	0	0		0	0	0	12	0		12	13	0	0	0		13	0	0	0	0		0	**-**
Single-Unit Trucks %	0%	0%	0%	0%		0%	0%	0%	21.8%	0%		19.7%	18.3%	0%	0%	0%		6.2%	0%	0%	0%	0%		0%	**-**
Buses	0	7	2	0		9	0	0	5	0		5	5	5	0	0		10	0	0	0	0		0	**-**
Buses %	0%	5.9%	15.4%	0%		6.8%	0%	0%	9.1%	0%		8.2%	7%	3.6%	0%	0%		4.7%	0%	0%	0%	0%		0%	**-**
Articulated Trucks	0	0	0	0		0	0	0	0	0		0	0	1	0	0		1	0	0	0	0		0	**-**
Articulated Trucks %	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0.7%	0%	0%		0.5%	0%	0%	0%	0%		0%	**-**
Bicycles on Road	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	**-**
Bicycles on Road %	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	**-**
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		**-**

Peak Hour: 07:45 AM - 08:45 AM Weather: Overcast Clouds (7.73 °C)



Peak Hour: 03:15 PM - 04:15 PM Weather: Overcast Clouds (14.32 °C)



Turning Movement Count (7 . MAYFIELD RD & BRISDALE DR) CustID: 01420005

Start Time	E Approach MAYFIELD RD					S Approach BRISDALE DR					W Approach MAYFIELD RD					Int. Total (15 min)	Int. Total (1 hr)
	Thru E:W	Left E:S	UTurn E:E	Peds E:	Approach Total	Right S:E	Left S:W	UTurn S:S	Peds S:	Approach Total	Right W:S	Thru W:E	UTurn W:W	Peds W:	Approach Total		
06:00:00	85	2	0	0	87	17	1	0	0	18	0	92	0	0	92	197	
06:15:00	80	2	0	0	82	13	3	0	0	16	1	94	0	0	95	193	
06:30:00	151	3	0	0	154	20	4	0	0	24	0	99	0	0	99	277	
06:45:00	106	4	0	0	110	20	1	0	0	21	0	105	0	0	105	236	903
07:00:00	122	5	0	0	127	18	8	0	0	26	4	138	0	0	142	295	1001
07:15:00	119	5	0	0	124	22	7	0	0	29	3	153	0	0	156	309	1117
07:30:00	139	8	0	0	147	19	4	0	0	23	0	149	0	0	149	319	1159
07:45:00	147	12	0	0	159	15	4	0	0	19	2	135	0	0	137	315	1238
08:00:00	147	8	0	0	155	19	3	0	0	22	6	160	0	0	166	343	1286
08:15:00	160	9	0	0	169	24	4	0	0	28	5	193	0	0	198	395	1372
08:30:00	146	5	0	0	151	14	3	0	0	17	4	150	0	0	154	322	1375
08:45:00	182	4	0	0	186	18	4	0	0	22	5	125	0	0	130	338	1398
09:00:00	154	8	1	0	163	14	5	0	0	19	5	158	0	0	163	345	1400
09:15:00	103	11	0	0	114	16	6	0	0	22	5	143	0	0	148	284	1289
09:30:00	115	7	0	0	122	20	3	0	0	23	8	112	0	0	120	265	1232
09:45:00	100	2	0	0	102	18	5	0	0	23	2	124	0	0	126	251	1145
BREAK																	
15:00:00	150	16	0	0	166	12	5	0	0	17	11	175	0	0	186	369	
15:15:00	159	22	0	0	181	16	5	0	0	21	10	159	0	0	169	371	
15:30:00	148	9	0	0	157	17	3	0	0	20	9	194	0	0	203	380	
15:45:00	157	20	0	0	177	6	3	0	0	9	8	194	0	0	202	388	1508
16:00:00	139	22	0	0	161	16	4	0	0	20	5	159	0	0	164	345	1484
16:15:00	150	15	0	0	165	13	4	0	0	17	5	154	0	0	159	341	1454
16:30:00	138	13	0	0	151	5	3	0	0	8	7	160	0	0	167	326	1400
16:45:00	123	23	0	0	146	16	6	0	0	22	11	158	0	0	169	337	1349
17:00:00	133	17	0	0	150	16	5	0	0	21	4	168	0	0	172	343	1347
17:15:00	145	13	0	0	158	10	5	1	0	16	7	167	0	0	174	348	1354
17:30:00	145	13	0	0	158	16	3	0	0	19	7	195	0	0	202	379	1407
17:45:00	137	19	0	1	156	10	5	0	0	15	14	150	0	0	164	335	1405
18:00:00	153	15	0	0	168	12	1	0	0	13	14	169	0	0	183	364	1426
18:15:00	165	19	0	0	184	12	5	0	0	17	7	181	0	0	188	389	1467
18:30:00	113	23	0	0	136	7	3	0	1	10	5	145	0	0	150	296	1384
18:45:00	122	20	0	0	142	10	3	0	0	13	9	146	0	0	155	310	1359

Grand Total	4333	374	1	1	4708	481	128	1	1	610	183	4804	0	0	4987	**10305**	-
Approach%	92%	7.9%	0%		-	78.9%	21%	0.2%		-	3.7%	96.3%	0%		-	**-**	-
Totals %	42%	3.6%	0%		45.7%	4.7%	1.2%	0%		5.9%	1.8%	46.6%	0%		48.4%	**-**	-
Heavy	291	9	0		-	16	11	0		-	9	296	0		-	**-**	-
Heavy %	6.7%	2.4%	0%		-	3.3%	8.6%	0%		-	4.9%	6.2%	0%		-	**-**	-
Bicycles	-	-	-		-	-	-	-		-	-	-	-		-	**-**	-
Bicycle %	-	-	-		-	-	-	-		-	-	-	-		-	**-**	-

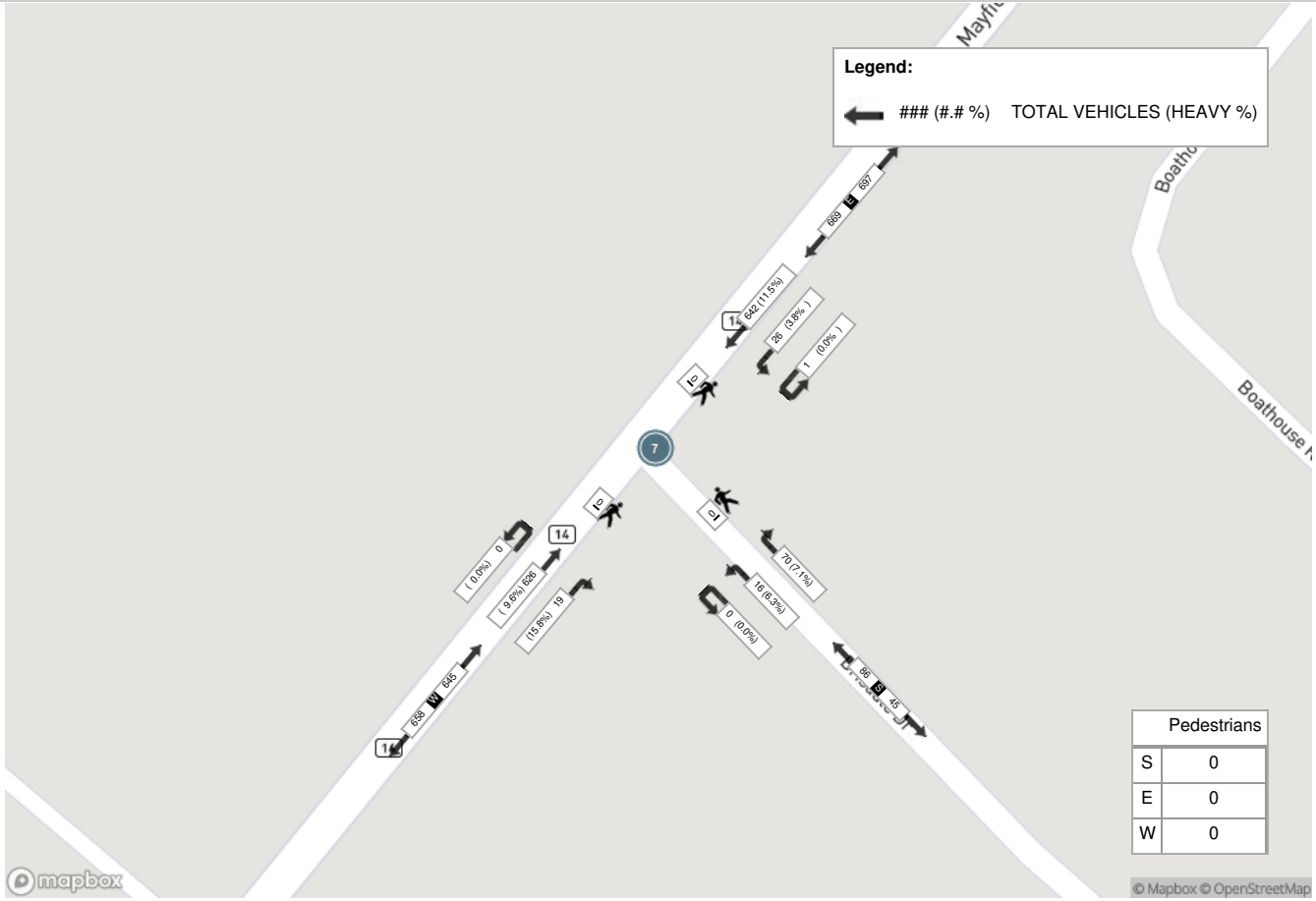
Peak Hour: 08:15 AM - 09:15 AM Weather: Overcast Clouds (7.73 °C)

Start Time	E Approach MAYFIELD RD					S Approach BRISDALE DR					W Approach MAYFIELD RD					Int. Total (15 min)
	Thru	Left	UTurn	Peds	Approach Total	Right	Left	UTurn	Peds	Approach Total	Right	Thru	UTurn	Peds	Approach Total	
08:15:00	160	9	0	0	169	24	4	0	0	28	5	193	0	0	198	395
08:30:00	146	5	0	0	151	14	3	0	0	17	4	150	0	0	154	322
08:45:00	182	4	0	0	186	18	4	0	0	22	5	125	0	0	130	338
09:00:00	154	8	1	0	163	14	5	0	0	19	5	158	0	0	163	345
Grand Total	642	26	1	0	669	70	16	0	0	86	19	626	0	0	645	**1400**
Approach%	96%	3.9%	0.1%		-	81.4%	18.6%	0%		-	2.9%	97.1%	0%		-	**-**
Totals %	45.9%	1.9%	0.1%		47.8%	5%	1.1%	0%		6.1%	1.4%	44.7%	0%		46.1%	**-**
PHF	0.88	0.72	0.25		0.9	0.73	0.8	0		0.77	0.95	0.81	0		0.81	**-**
Heavy	74	1	0		75	5	1	0		6	3	60	0		63	**-**
Heavy %	11.5%	3.8%	0%		11.2%	7.1%	6.3%	0%		7%	15.8%	9.6%	0%		9.8%	**-**
Lights	568	25	1		594	65	15	0		80	16	566	0		582	**-**
Lights %	88.5%	96.2%	100%		88.8%	92.9%	93.8%	0%		93%	84.2%	90.4%	0%		90.2%	**-**
Single-Unit Trucks	30	1	0		31	1	1	0		2	0	18	0		18	**-**
Single-Unit Trucks %	4.7%	3.8%	0%		4.6%	1.4%	6.3%	0%		2.3%	0%	2.9%	0%		2.8%	**-**
Buses	33	0	0		33	4	0	0		4	3	39	0		42	**-**
Buses %	5.1%	0%	0%		4.9%	5.7%	0%	0%		4.7%	15.8%	6.2%	0%		6.5%	**-**
Articulated Trucks	11	0	0		11	0	0	0		0	0	3	0		3	**-**
Articulated Trucks %	1.7%	0%	0%		1.6%	0%	0%	0%		0%	0%	0.5%	0%		0.5%	**-**
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	0%		-	-	-	0%		-	-	-	0%		**-**

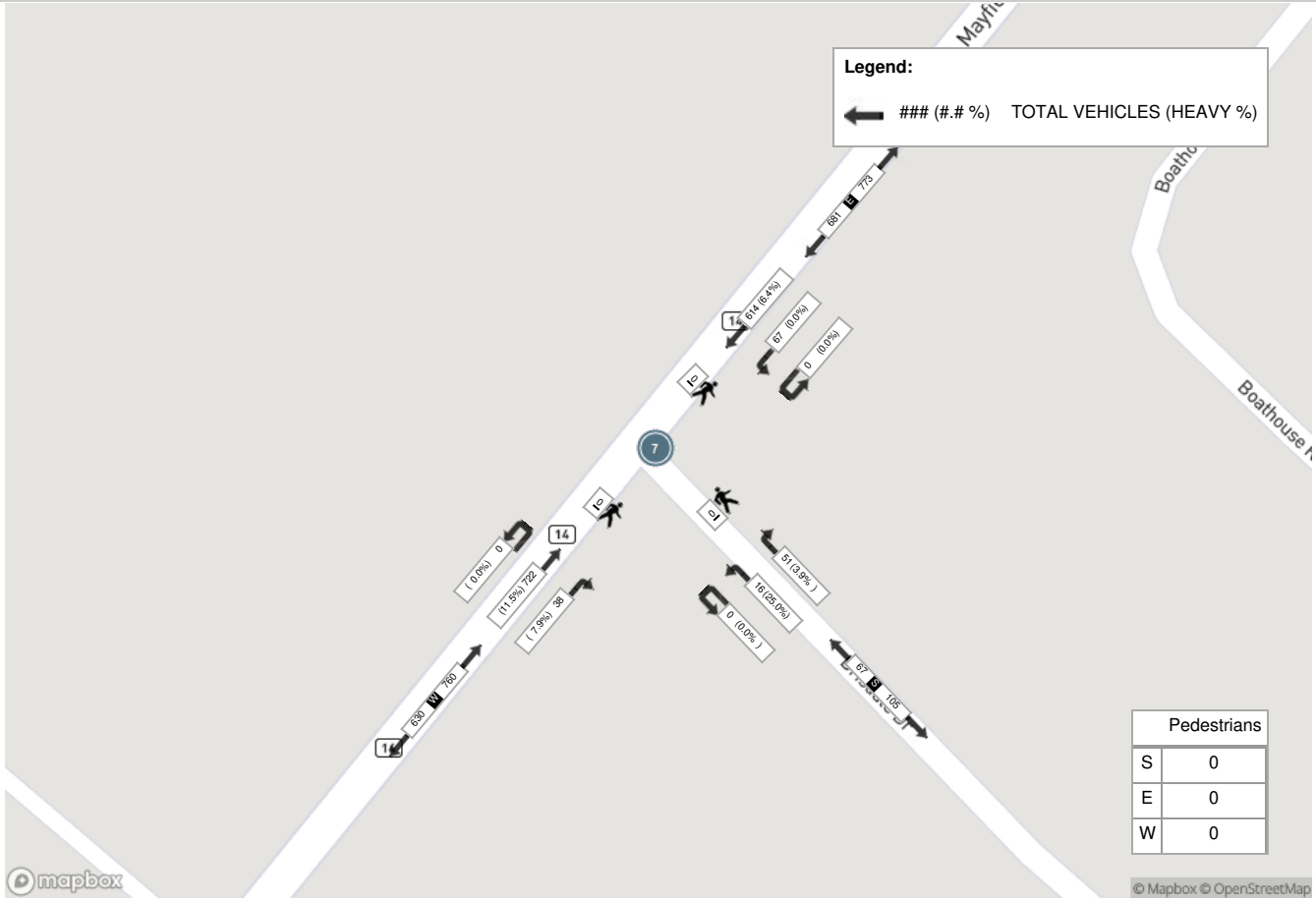
Peak Hour: 03:00 PM - 04:00 PM Weather: Overcast Clouds (14.32 °C)

Start Time	E Approach MAYFIELD RD					S Approach BRISDALE DR					W Approach MAYFIELD RD					Int. Total (15 min)
	Thru	Left	UTurn	Peds	Approach Total	Right	Left	UTurn	Peds	Approach Total	Right	Thru	UTurn	Peds	Approach Total	
15:00:00	150	16	0	0	166	12	5	0	0	17	11	175	0	0	186	369
15:15:00	159	22	0	0	181	16	5	0	0	21	10	159	0	0	169	371
15:30:00	148	9	0	0	157	17	3	0	0	20	9	194	0	0	203	380
15:45:00	157	20	0	0	177	6	3	0	0	9	8	194	0	0	202	388
Grand Total	614	67	0	0	681	51	16	0	0	67	38	722	0	0	760	**1508**
Approach%	90.2%	9.8%	0%		-	76.1%	23.9%	0%		-	5%	95%	0%		-	**-**
Totals %	40.7%	4.4%	0%		45.2%	3.4%	1.1%	0%		4.4%	2.5%	47.9%	0%		50.4%	**-**
PHF	0.97	0.76	0		0.94	0.75	0.8	0		0.8	0.86	0.93	0		0.94	**-**
Heavy	39	0	0		39	2	4	0		6	3	83	0		86	**-**
Heavy %	6.4%	0%	0%		5.7%	3.9%	25%	0%		9%	7.9%	11.5%	0%		11.3%	**-**
Lights	575	67	0		642	49	12	0		61	35	639	0		674	**-**
Lights %	93.6%	100%	0%		94.3%	96.1%	75%	0%		91%	92.1%	88.5%	0%		88.7%	**-**
Single-Unit Trucks	17	0	0		17	0	0	0		0	0	29	0		29	**-**
Single-Unit Trucks %	2.8%	0%	0%		2.5%	0%	0%	0%		0%	0%	4%	0%		3.8%	**-**
Buses	17	0	0		17	2	4	0		6	3	41	0		44	**-**
Buses %	2.8%	0%	0%		2.5%	3.9%	25%	0%		9%	7.9%	5.7%	0%		5.8%	**-**
Articulated Trucks	5	0	0		5	0	0	0		0	0	13	0		13	**-**
Articulated Trucks %	0.8%	0%	0%		0.7%	0%	0%	0%		0%	0%	1.8%	0%		1.7%	**-**
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	0%		-	-	-	0%		-	-	-	0%		**-**

Peak Hour: 08:15 AM - 09:15 AM Weather: Overcast Clouds (7.73 °C)



Peak Hour: 03:00 PM - 04:00 PM Weather: Overcast Clouds (14.32 °C)



Turning Movement Count (5 . MAYFIELD RD & CHINGUACOUSY RD) CustID: 01419287

Start Time	N Approach CHINGUACOUSY RD						E Approach MAYFIELD RD						S Approach CHINGUACOUSY RD						W Approach MAYFIELD RD						Int. Total (15 min)	Int. Total (1 hr)
	Right N:W	Thru N:S	Left N:E	UTurn N:N	Peds N:	Approach Total	Right E:N	Thru E:W	Left E:S	UTurn E:E	Peds E:	Approach Total	Right S:E	Thru S:N	Left S:W	UTurn S:S	Peds S:	Approach Total	Right W:S	Thru W:E	Left W:N	UTurn W:W	Peds W:	Approach Total		
06:00:00	4	9	0	0	0	13	1	78	12	0	0	91	27	12	5	0	0	44	2	100	6	0	0	108	256	
06:15:00	4	11	1	0	0	16	3	77	17	0	0	97	25	27	1	0	0	53	5	95	6	0	0	106	272	
06:30:00	3	6	1	0	0	10	1	139	15	0	0	155	22	26	11	0	0	59	3	117	6	0	0	126	350	
06:45:00	6	13	0	0	0	19	5	101	10	0	0	116	23	19	5	0	0	47	4	109	4	0	0	117	299	1177
07:00:00	16	12	1	0	0	29	7	112	17	0	0	136	28	26	5	0	0	59	8	128	12	0	0	148	372	1293
07:15:00	5	17	3	0	0	25	2	111	17	0	0	130	33	26	8	0	0	67	10	177	3	0	0	190	412	1433
07:30:00	5	24	3	0	0	32	4	132	26	0	0	162	24	30	8	0	0	62	11	151	5	0	0	167	423	1506
07:45:00	8	44	2	0	0	54	2	143	29	0	0	174	27	24	9	0	0	60	11	160	6	0	0	177	465	1672
08:00:00	8	43	1	0	0	52	2	136	30	0	0	168	26	29	12	0	0	67	15	154	11	0	0	180	467	1767
08:15:00	13	33	3	0	0	49	4	145	14	0	0	163	31	26	8	0	0	65	12	167	12	0	0	191	468	1823
08:30:00	7	39	5	0	0	51	3	141	18	0	0	162	29	19	6	0	0	54	18	158	7	0	0	183	450	1850
08:45:00	13	21	4	0	0	38	4	148	31	0	0	183	32	22	22	0	0	76	5	121	14	0	0	140	437	1822
09:00:00	7	9	1	0	0	17	3	135	27	0	0	165	25	22	22	0	0	69	17	147	13	0	0	177	428	1783
09:15:00	6	12	1	0	0	19	2	98	29	0	1	129	28	20	10	0	0	58	13	139	7	0	0	159	365	1680
09:30:00	6	6	1	0	0	13	0	110	24	0	0	134	27	11	6	0	0	44	3	121	7	0	0	131	322	1552
09:45:00	8	13	2	0	0	23	5	89	31	0	0	125	23	17	3	0	0	43	2	130	14	0	0	146	337	1452
BREAK																										
15:00:00	7	24	3	0	0	34	5	154	26	0	0	185	36	23	10	0	1	69	9	160	5	0	0	174	462	
15:15:00	14	23	4	0	0	41	5	154	35	0	0	194	33	47	13	0	3	93	16	170	10	0	0	196	524	
15:30:00	8	30	3	0	0	41	3	140	28	0	0	171	31	34	8	0	0	73	10	162	16	0	0	188	473	
15:45:00	14	28	2	0	0	44	6	153	32	0	0	191	24	32	10	0	0	66	15	174	17	0	0	206	507	1966
16:00:00	12	36	2	0	0	50	9	141	34	0	0	184	21	24	7	0	0	52	11	162	9	0	0	182	468	1972
16:15:00	9	38	1	0	0	48	2	140	40	0	0	182	22	23	17	0	0	62	11	160	3	0	0	174	466	1914
16:30:00	9	34	0	0	0	43	5	139	40	0	0	184	34	33	4	0	0	71	9	144	7	0	0	160	458	1899
16:45:00	9	32	4	0	0	45	3	131	48	0	0	182	26	26	4	0	0	56	12	163	7	0	0	182	465	1857
17:00:00	11	42	6	0	0	59	3	135	35	0	0	173	26	33	8	0	0	67	5	163	10	0	0	178	477	1866
17:15:00	11	39	2	0	0	52	2	129	29	0	1	160	24	22	17	0	0	63	8	166	10	0	0	184	459	1859
17:30:00	8	46	3	0	0	57	2	139	33	0	0	174	29	27	12	0	0	68	12	173	14	0	0	199	498	1899
17:45:00	8	45	3	0	0	56	2	139	41	0	0	182	35	36	11	0	0	82	17	143	7	0	0	167	487	1921
18:00:00	9	32	3	0	0	44	1	148	40	0	0	189	28	28	9	0	0	65	17	142	12	0	0	171	469	1913
18:15:00	5	30	2	0	1	37	2	174	42	0	0	218	34	22	6	0	0	62	10	173	13	0	0	196	513	1967
18:30:00	7	34	4	0	0	45	1	122	49	0	1	172	44	32	8	0	1	84	10	139	7	0	0	156	457	1926
18:45:00	8	33	1	0	0	42	6	127	30	0	0	163	38	29	6	0	0	73	13	141	5	0	0	159	437	1876
Grand Total	268	858	72	0	1	1198	105	4160	929	0	3	5194	915	827	291	0	5	2033	324	4709	285	0	0	5318	**13743**	-
Approach%	22.4%	71.6%	6%	0%		-	2%	80.1%	17.9%	0%		-	45%	40.7%	14.3%	0%		-	6.1%	88.5%	5.4%	0%		-	-	-
Totals %	2%	6.2%	0.5%	0%		8.7%	0.8%	30.3%	6.8%	0%		37.8%	6.7%	6%	2.1%	0%		14.8%	2.4%	34.3%	2.1%	0%		38.7%	-	-
Heavy	47	22	6	0		-	14	228	43	0		-	29	14	22	0		-	17	250	47	0		-	-	-
Heavy %	17.5%	2.6%	8.3%	0%		-	13.3%	5.5%	4.6%	0%		-	3.2%	1.7%	7.6%	0%		-	5.2%	5.3%	16.5%	0%		-	-	-
Bicycles	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-
Bicycle %	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-

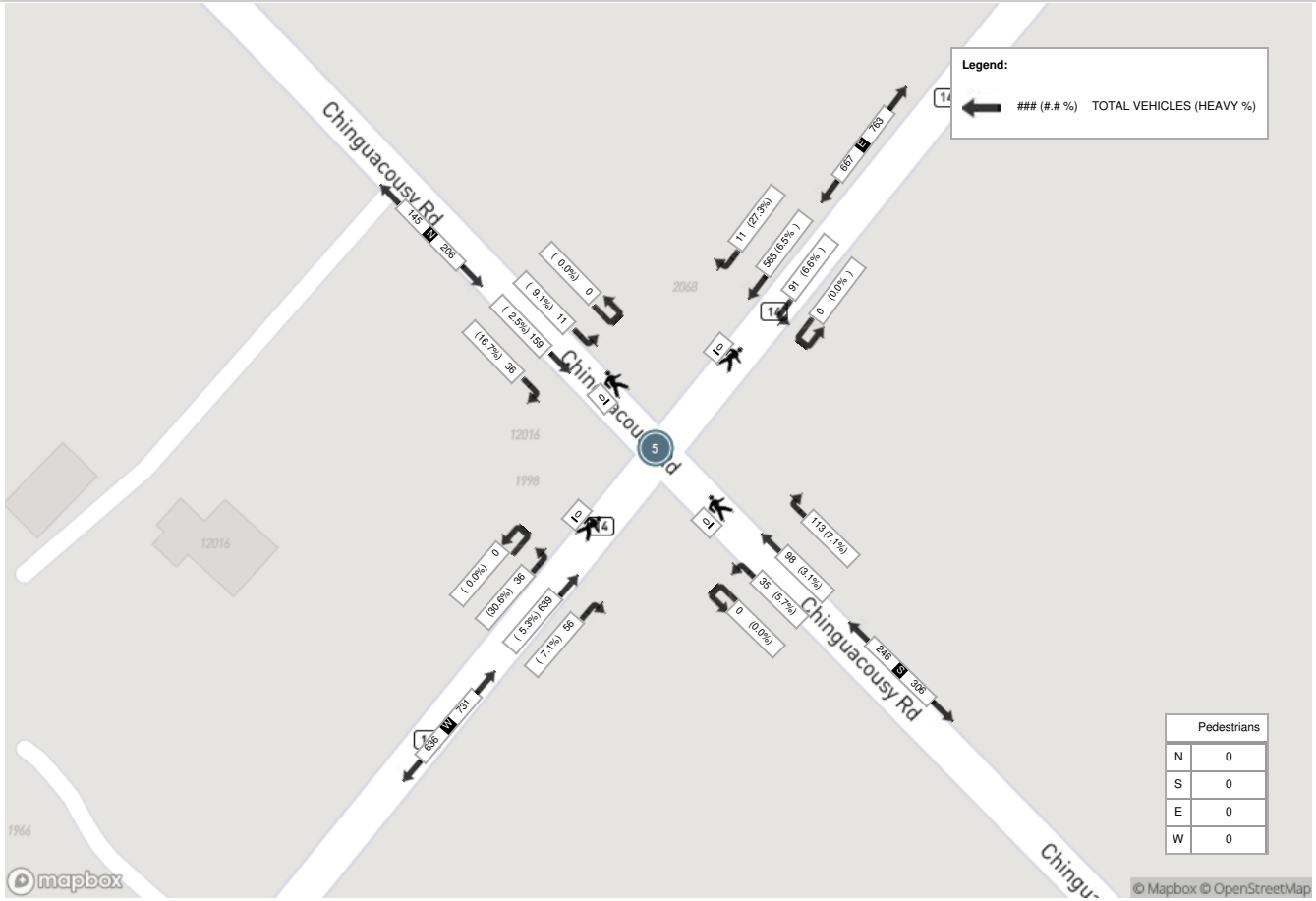
Peak Hour: 07:45 AM - 08:45 AM Weather: Overcast Clouds (7.73 °C)

Start Time	N Approach CHINGUACOUSY RD						E Approach MAYFIELD RD						S Approach CHINGUACOUSY RD						W Approach MAYFIELD RD						Int. Total (15 min)
	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	
07:45:00	8	44	2	0	0	54	2	143	29	0	0	174	27	24	9	0	0	60	11	160	6	0	0	177	465
08:00:00	8	43	1	0	0	52	2	136	30	0	0	168	26	29	12	0	0	67	15	154	11	0	0	180	467
08:15:00	13	33	3	0	0	49	4	145	14	0	0	163	31	26	8	0	0	65	12	167	12	0	0	191	468
08:30:00	7	39	5	0	0	51	3	141	18	0	0	162	29	19	6	0	0	54	18	158	7	0	0	183	450
Grand Total	36	159	11	0	0	206	11	565	91	0	0	667	113	98	35	0	0	246	56	639	36	0	0	731	**1850**
Approach%	17.5%	77.2%	5.3%	0%		-	1.6%	84.7%	13.6%	0%		-	45.9%	39.8%	14.2%	0%		-	7.7%	87.4%	4.9%	0%		-	**-**
Totals %	1.9%	8.6%	0.6%	0%		11.1%	0.6%	30.5%	4.9%	0%		36.1%	6.1%	5.3%	1.9%	0%		13.3%	3%	34.5%	1.9%	0%		39.5%	**-**
PHF	0.69	0.9	0.55	0		0.95	0.69	0.97	0.76	0		0.96	0.91	0.84	0.73	0		0.92	0.78	0.96	0.75	0		0.96	**-**
Heavy	6	4	1	0		11	3	37	6	0		46	8	3	2	0		13	4	34	11	0		49	**-**
Heavy %	16.7%	2.5%	9.1%	0%		5.3%	27.3%	6.5%	6.6%	0%		6.9%	7.1%	3.1%	5.7%	0%		5.3%	7.1%	5.3%	30.6%	0%		6.7%	**-**
Lights	30	155	10	0		195	8	528	85	0		621	105	95	33	0		233	52	605	25	0		682	**-**
Lights %	83.3%	97.5%	90.9%	0%		94.7%	72.7%	93.5%	93.4%	0%		93.1%	92.9%	96.9%	94.3%	0%		94.7%	92.9%	94.7%	69.4%	0%		93.3%	**-**
Single-Unit Trucks	6	1	0	0		7	1	15	1	0		17	3	0	0	0		3	1	19	11	0		31	**-**
Single-Unit Trucks %	16.7%	0.6%	0%	0%		3.4%	9.1%	2.7%	1.1%	0%		2.5%	2.7%	0%	0%	0%		1.2%	1.8%	3%	30.6%	0%		4.2%	**-**
Buses	0	3	1	0		4	2	12	4	0		18	4	3	2	0		9	3	11	0	0		14	**-**
Buses %	0%	1.9%	9.1%	0%		1.9%	18.2%	2.1%	4.4%	0%		2.7%	3.5%	3.1%	5.7%	0%		3.7%	5.4%	1.7%	0%	0%		1.9%	**-**
Articulated Trucks	0	0	0	0		0	0	10	1	0		11	1	0	0	0		1	0	4	0	0		4	**-**
Articulated Trucks %	0%	0%	0%	0%		0%	0%	1.8%	1.1%	0%		1.6%	0.9%	0%	0%	0%		0.4%	0%	0.6%	0%	0%		0.5%	**-**
Bicycles on Road	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	**-**
Bicycles on Road %	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	**-**
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		**-**

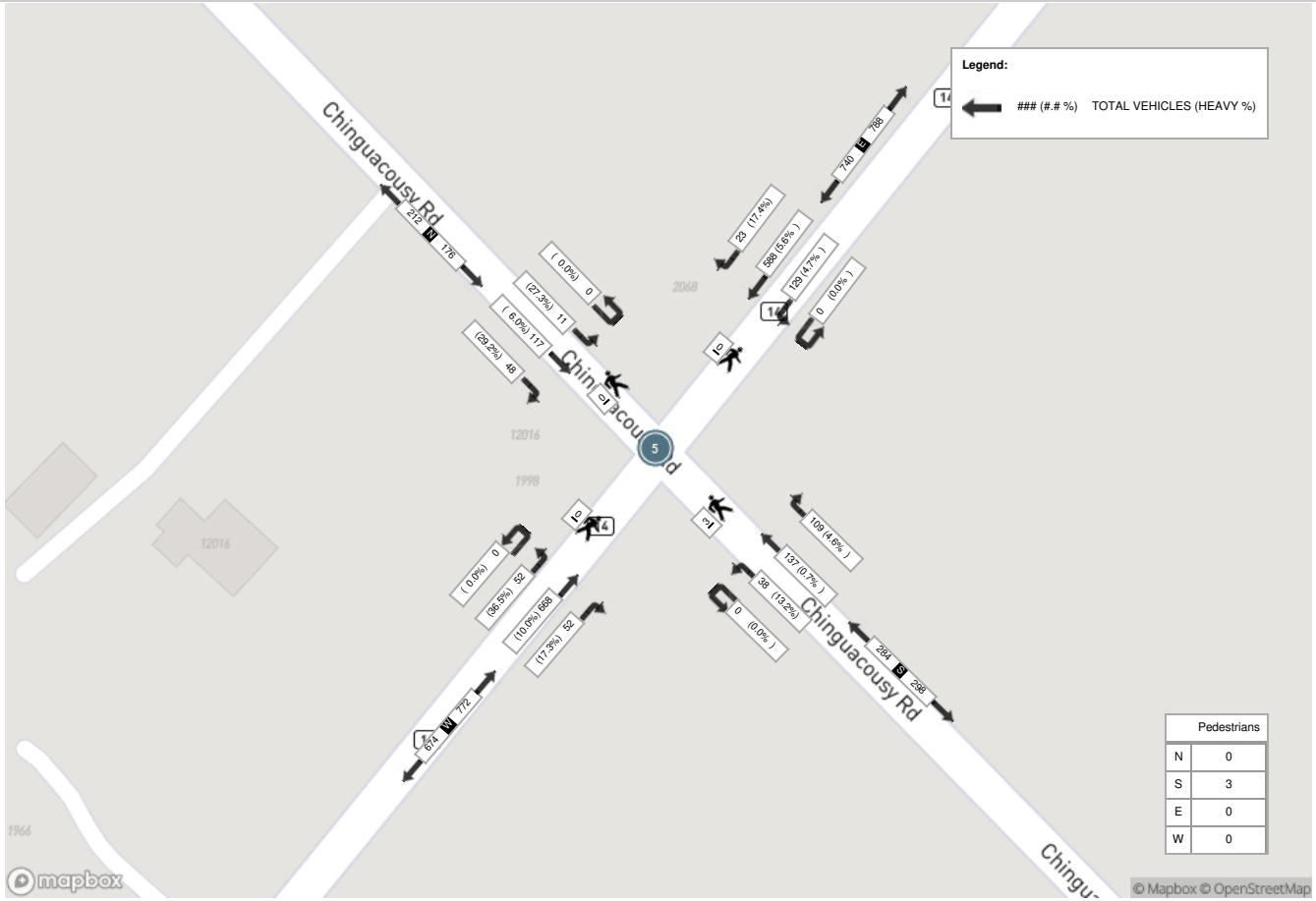
Peak Hour: 03:15 PM - 04:15 PM Weather: Overcast Clouds (14.32 °C)

Start Time	N Approach CHINGUACOUSY RD						E Approach MAYFIELD RD						S Approach CHINGUACOUSY RD						W Approach MAYFIELD RD						Int. Total (15 min)
	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	
15:15:00	14	23	4	0	0	41	5	154	35	0	0	194	33	47	13	0	3	93	16	170	10	0	0	196	524
15:30:00	8	30	3	0	0	41	3	140	28	0	0	171	31	34	8	0	0	73	10	162	16	0	0	188	473
15:45:00	14	28	2	0	0	44	6	153	32	0	0	191	24	32	10	0	0	66	15	174	17	0	0	206	507
16:00:00	12	36	2	0	0	50	9	141	34	0	0	184	21	24	7	0	0	52	11	162	9	0	0	182	468
Grand Total	48	117	11	0	0	176	23	588	129	0	0	740	109	137	38	0	3	284	52	668	52	0	0	772	**1972**
Approach%	27.3%	66.5%	6.3%	0%		-	3.1%	79.5%	17.4%	0%		-	38.4%	48.2%	13.4%	0%		-	6.7%	86.5%	6.7%	0%		-	**-**
Totals %	2.4%	5.9%	0.6%	0%		8.9%	1.2%	29.8%	6.5%	0%		37.5%	5.5%	6.9%	1.9%	0%		14.4%	2.6%	33.9%	2.6%	0%		39.1%	**-**
PHF	0.86	0.81	0.69	0		0.88	0.64	0.95	0.92	0		0.95	0.83	0.73	0.73	0		0.76	0.81	0.96	0.76	0		0.94	**-**
Heavy	14	7	3	0		24	4	33	6	0		43	5	1	5	0		11	9	67	19	0		95	**-**
Heavy %	29.2%	6%	27.3%	0%		13.6%	17.4%	5.6%	4.7%	0%		5.8%	4.6%	0.7%	13.2%	0%		3.9%	17.3%	10%	36.5%	0%		12.3%	**-**
Lights	34	110	8	0		152	19	555	123	0		697	104	136	33	0		273	43	601	33	0		677	**-**
Lights %	70.8%	94%	72.7%	0%		86.4%	82.6%	94.4%	95.3%	0%		94.2%	95.4%	99.3%	86.8%	0%		96.1%	82.7%	90%	63.5%	0%		87.7%	**-**
Single-Unit Trucks	11	0	1	0		12	0	11	0	0		11	1	0	0	0		1	1	17	13	0		31	**-**
Single-Unit Trucks %	22.9%	0%	9.1%	0%		6.8%	0%	1.9%	0%	0%		1.5%	0.9%	0%	0%	0%		0.4%	1.9%	2.5%	25%	0%		4%	**-**
Buses	3	7	2	0		12	4	17	6	0		27	3	1	5	0		9	8	35	5	0		48	**-**
Buses %	6.3%	6%	18.2%	0%		6.8%	17.4%	2.9%	4.7%	0%		3.6%	2.8%	0.7%	13.2%	0%		3.2%	15.4%	5.2%	9.6%	0%		6.2%	**-**
Articulated Trucks	0	0	0	0		0	0	5	0	0		5	1	0	0	0		1	0	15	1	0		16	**-**
Articulated Trucks %	0%	0%	0%	0%		0%	0%	0.9%	0%	0%		0.7%	0.9%	0%	0%	0%		0.4%	0%	2.2%	1.9%	0%		2.1%	**-**
Bicycles on Road	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	**-**
Bicycles on Road %	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	**-**
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	3	-	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	100%		-	-	-	-	0%		**-**

Peak Hour: 07:45 AM - 08:45 AM Weather: Overcast Clouds (7.73 °C)



Peak Hour: 03:15 PM - 04:15 PM Weather: Overcast Clouds (14.32 °C)



Turning Movement Count (9 . MAYFIELD RD & CREDITVIEW RD) CustID: 01420659

Start Time	N Approach CREDITVIEW RD						S Approach CREDITVIEW RD						W Approach MAYFIELD RD						E Approach MAYFIELD RD						Int. Total (15 min)	Int. Total (1 hr)
	Right N:W	Thru N:S	Left N:E	UTurn N:N	Peds N:	Approach Total	Right S:E	Thru S:N	Left S:W	UTurn S:S	Peds S:	Approach Total	Right W:S	Thru W:E	Left W:N	UTurn W:W	Peds W:	Approach Total	Right E:N	Thru E:W	Left E:S	UTurn E:E	Peds E:	Approach Total		
06:00:00	3	2	1	0	0	6	17	16	7	0	0	40	3	68	1	0	0	72	2	69	4	0	0	75	193	
06:15:00	3	13	1	0	0	17	14	12	8	0	0	34	5	61	6	0	0	72	0	79	7	0	0	86	209	
06:30:00	2	4	1	0	0	7	8	12	12	0	0	32	0	95	4	0	0	99	1	137	9	0	0	147	285	
06:45:00	3	17	0	0	0	20	20	14	12	0	0	46	4	71	1	0	0	76	0	109	8	0	0	117	259	946
07:00:00	6	15	1	0	0	22	16	19	8	0	1	43	6	114	8	0	0	128	1	106	12	0	0	119	312	1065
07:15:00	4	26	3	0	0	33	24	19	5	0	0	48	8	119	5	0	0	132	1	109	15	0	0	125	338	1194
07:30:00	3	32	2	0	0	37	21	20	12	0	0	53	4	124	5	0	0	133	1	104	23	0	0	128	351	1260
07:45:00	4	26	1	0	0	31	26	14	5	0	0	45	10	115	3	0	0	128	2	116	25	0	0	143	347	1348
08:00:00	7	30	1	0	0	38	28	30	12	0	0	70	13	124	4	0	0	141	0	140	23	0	0	163	412	1448
08:15:00	8	14	5	0	0	27	37	25	11	0	0	73	12	144	6	0	0	162	1	135	23	0	0	159	421	1531
08:30:00	7	17	0	0	0	24	34	20	15	0	0	69	9	116	7	0	0	132	0	119	20	0	0	139	364	1544
08:45:00	3	14	1	0	0	18	22	12	18	0	0	52	7	84	4	0	0	95	0	150	26	0	0	176	341	1538
09:00:00	3	4	3	0	0	10	22	15	21	0	0	58	4	136	6	0	0	146	0	153	17	0	0	170	384	1510
09:15:00	7	11	3	0	0	21	16	9	8	0	0	33	7	112	3	0	0	122	2	102	12	0	0	116	292	1381
09:30:00	1	7	1	0	0	9	24	13	11	0	0	48	5	89	2	0	0	96	0	92	22	0	0	114	267	1284
09:45:00	6	11	2	0	0	19	15	9	3	0	0	27	5	107	3	0	0	115	1	86	17	0	0	104	265	1208
BREAK																										
15:00:00	4	15	3	0	0	22	38	27	20	0	0	85	11	139	4	0	0	154	0	108	31	0	0	139	400	
15:15:00	0	14	2	0	0	16	27	20	15	0	0	62	12	146	4	0	0	162	3	121	32	0	0	156	396	
15:30:00	4	12	1	0	0	17	30	28	23	0	0	81	13	165	2	0	2	180	1	122	26	0	0	149	427	
15:45:00	12	29	2	0	0	43	25	22	18	0	1	65	21	164	7	0	2	192	3	112	25	0	1	140	440	1663
16:00:00	8	19	1	0	0	28	17	25	12	0	0	54	14	139	6	0	0	159	2	108	29	0	0	139	380	1643
16:15:00	3	34	2	0	0	39	32	28	15	0	0	75	9	128	2	0	0	139	1	104	32	0	0	137	390	1637
16:30:00	5	26	2	0	0	33	24	24	10	0	0	58	8	134	2	0	0	144	2	120	17	0	0	139	374	1584
16:45:00	8	24	4	0	0	36	28	17	14	0	2	59	12	140	5	0	0	157	0	94	31	0	0	125	377	1521
17:00:00	5	26	1	0	0	32	19	26	11	0	1	56	11	140	5	0	0	156	2	110	24	0	0	136	380	1521
17:15:00	4	30	2	0	0	36	32	18	11	0	0	61	10	148	7	0	0	165	3	102	31	0	0	136	398	1529
17:30:00	3	30	1	0	0	34	30	16	13	0	0	59	10	159	4	0	0	173	3	101	31	0	0	135	401	1556
17:45:00	2	24	2	0	0	28	26	14	9	0	0	49	12	144	1	0	0	157	2	101	41	0	0	144	378	1557
18:00:00	4	22	1	0	0	27	32	32	9	0	0	73	14	140	9	0	0	163	1	105	37	0	0	143	406	1583
18:15:00	6	32	1	0	0	39	28	14	12	0	0	54	7	155	2	0	0	164	4	102	31	0	0	137	394	1579
18:30:00	6	27	2	0	0	35	26	15	9	0	0	50	12	116	6	0	0	134	1	102	36	0	0	139	358	1536
18:45:00	7	12	3	0	0	22	36	26	7	0	1	69	13	114	3	0	0	130	1	84	31	0	0	116	337	1495
Grand Total	151	619	56	0	0	826	794	611	376	0	6	1781	291	3950	137	0	4	4378	41	3502	748	0	1	4291	**11276**	-
Approach%	18.3%	74.9%	6.8%	0%		-	44.6%	34.3%	21.1%	0%		-	6.6%	90.2%	3.1%	0%		-	1%	81.6%	17.4%	0%		-	**-**	-
Totals %	1.3%	5.5%	0.5%	0%		7.3%	7%	5.4%	3.3%	0%		15.8%	2.6%	35%	1.2%	0%		38.8%	0.4%	31.1%	6.6%	0%		38.1%	**-**	-
Heavy	4	14	6	0		-	40	15	32	0		-	21	256	4	0		-	2	249	37	0		-	**-**	-
Heavy %	2.6%	2.3%	10.7%	0%		-	5%	2.5%	8.5%	0%		-	7.2%	6.5%	2.9%	0%		-	4.9%	7.1%	4.9%	0%		-	**-**	-
Bicycles	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	**-**	-
Bicycle %	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-	-	-	-		-	**-**	-

Peak Hour: 07:45 AM - 08:45 AM Weather: Overcast Clouds (7.73 °C)

Start Time	N Approach CREDITVIEW RD						S Approach CREDITVIEW RD						W Approach MAYFIELD RD						E Approach MAYFIELD RD						Int. Total (15 min)
	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	
07:45:00	4	26	1	0	0	31	26	14	5	0	0	45	10	115	3	0	0	128	2	116	25	0	0	143	347
08:00:00	7	30	1	0	0	38	28	30	12	0	0	70	13	124	4	0	0	141	0	140	23	0	0	163	412
08:15:00	8	14	5	0	0	27	37	25	11	0	0	73	12	144	6	0	0	162	1	135	23	0	0	159	421
08:30:00	7	17	0	0	0	24	34	20	15	0	0	69	9	116	7	0	0	132	0	119	20	0	0	139	364
Grand Total	26	87	7	0	0	120	125	89	43	0	0	257	44	499	20	0	0	563	3	510	91	0	0	604	**1544**
Approach%	21.7%	72.5%	5.8%	0%		-	48.6%	34.6%	16.7%	0%		-	7.8%	88.6%	3.6%	0%		-	0.5%	84.4%	15.1%	0%		-	**-**
Totals %	1.7%	5.6%	0.5%	0%		7.8%	8.1%	5.8%	2.8%	0%		16.6%	2.8%	32.3%	1.3%	0%		36.5%	0.2%	33%	5.9%	0%		39.1%	**-**
PHF	0.81	0.73	0.35	0		0.79	0.84	0.74	0.72	0		0.88	0.85	0.87	0.71	0		0.87	0.38	0.91	0.91	0		0.93	**-**
Heavy	1	1	2	0		4	8	2	5	0		15	2	39	0	0		41	0	35	6	0		41	**-**
Heavy %	3.8%	1.1%	28.6%	0%		3.3%	6.4%	2.2%	11.6%	0%		5.8%	4.5%	7.8%	0%	0%		7.3%	0%	6.9%	6.6%	0%		6.8%	**-**
Lights	25	86	5	0		116	117	87	38	0		242	42	460	20	0		522	3	475	85	0		563	**-**
Lights %	96.2%	98.9%	71.4%	0%		96.7%	93.6%	97.8%	88.4%	0%		94.2%	95.5%	92.2%	100%	0%		92.7%	100%	93.1%	93.4%	0%		93.2%	**-**
Single-Unit Trucks	0	0	0	0		0	3	0	0	0		3	0	27	0	0		27	0	17	3	0		20	**-**
Single-Unit Trucks %	0%	0%	0%	0%		0%	2.4%	0%	0%	0%		1.2%	0%	5.4%	0%	0%		4.8%	0%	3.3%	3.3%	0%		3.3%	**-**
Buses	0	1	2	0		3	5	2	4	0		11	2	8	0	0		10	0	8	3	0		11	**-**
Buses %	0%	1.1%	28.6%	0%		2.5%	4%	2.2%	9.3%	0%		4.3%	4.5%	1.6%	0%	0%		1.8%	0%	1.6%	3.3%	0%		1.8%	**-**
Articulated Trucks	1	0	0	0		1	0	0	1	0		1	0	4	0	0		4	0	10	0	0		10	**-**
Articulated Trucks %	3.8%	0%	0%	0%		0.8%	0%	0%	2.3%	0%		0.4%	0%	0.8%	0%	0%		0.7%	0%	2%	0%	0%		1.7%	**-**
Bicycles on Road	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	**-**
Bicycles on Road %	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	**-**
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		**-**
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	**-**
Bicycles on Crosswalk%	-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		**-**

Spectrum

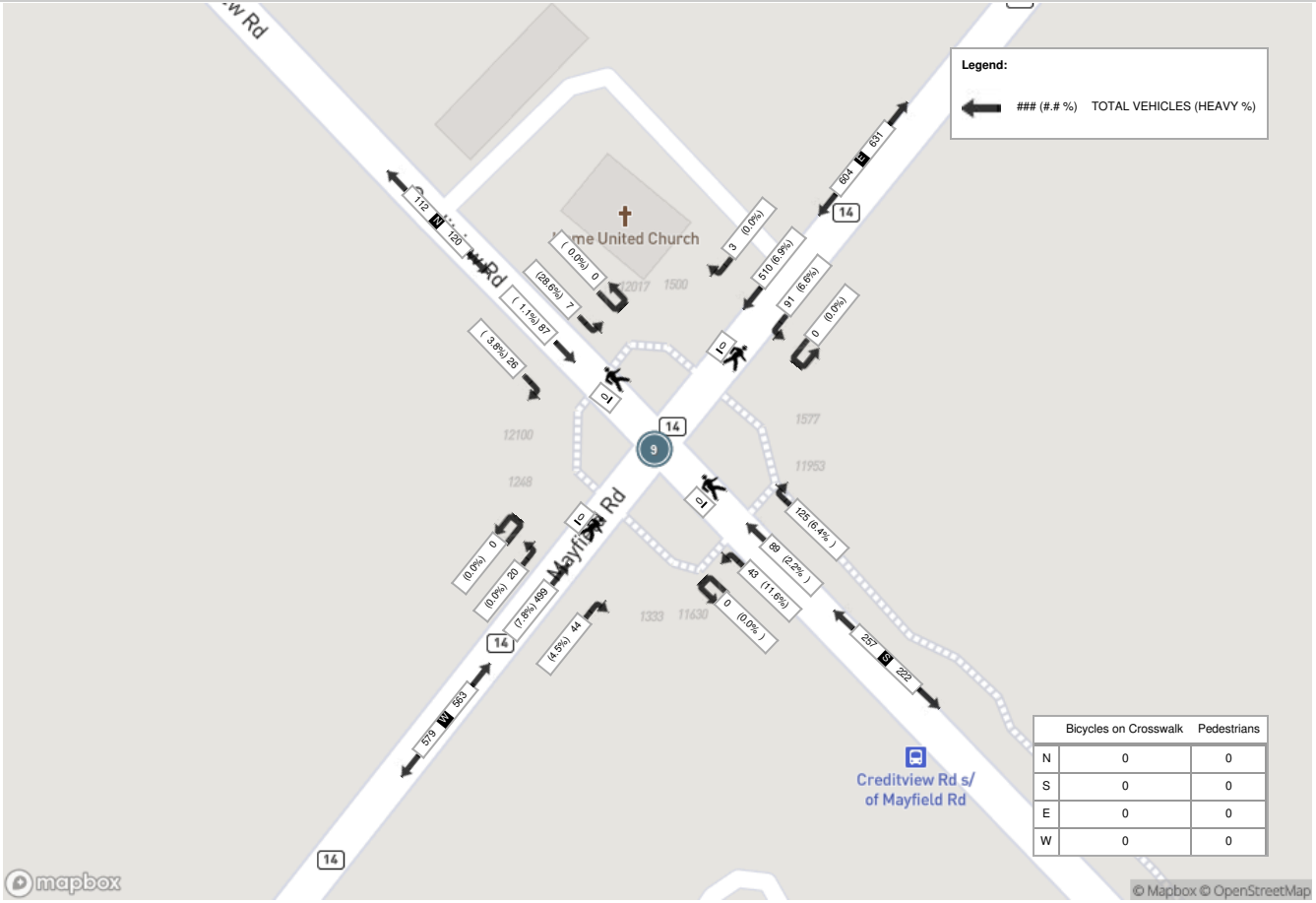
Turning Movement Count
Location Name: MAYFIELD RD & CREDITVIEW RD
Date: Tue, Apr 23, 2024 Deployment Lead: David Chu

Crozier & Associates
ACCOUNTS PAYABLE
TORONTO - SELECT PROVINCE -, M1W1Y6
- SELECT COUNTRY -

Peak Hour: 03:00 PM - 04:00 PM Weather: Overcast Clouds (14.32 °C)

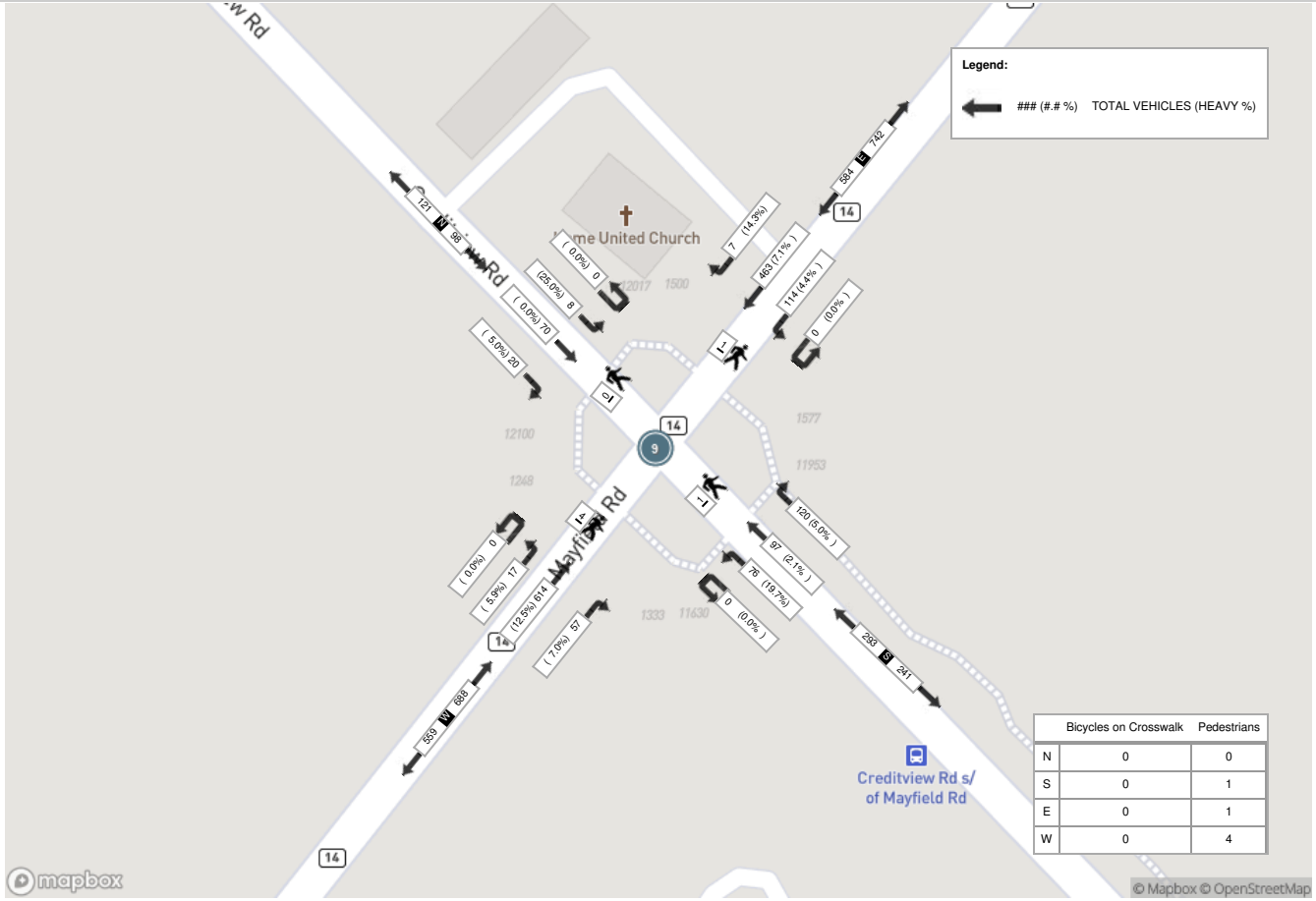
Start Time	N Approach CREDITVIEW RD						S Approach CREDITVIEW RD						W Approach MAYFIELD RD						E Approach MAYFIELD RD						Int. Total (15 min)
	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	Right	Thru	Left	UTurn	Peds	Approach Total	
15:00:00	4	15	3	0	0	22	38	27	20	0	0	85	11	139	4	0	0	154	0	108	31	0	0	139	400
15:15:00	0	14	2	0	0	16	27	20	15	0	0	62	12	146	4	0	0	162	3	121	32	0	0	156	396
15:30:00	4	12	1	0	0	17	30	28	23	0	0	81	13	165	2	0	2	180	1	122	26	0	0	149	427
15:45:00	12	29	2	0	0	43	25	22	18	0	1	65	21	164	7	0	2	192	3	112	25	0	1	140	440
Grand Total	20	70	8	0	0	98	120	97	76	0	1	293	57	614	17	0	4	688	7	463	114	0	1	584	**1663**
Approach%	20.4%	71.4%	8.2%	0%		-	41%	33.1%	25.9%	0%		-	8.3%	89.2%	2.5%	0%		-	1.2%	79.3%	19.5%	0%		-	**-**
Totals %	1.2%	4.2%	0.5%	0%		5.9%	7.2%	5.8%	4.6%	0%		17.6%	3.4%	36.9%	1%	0%		41.4%	0.4%	27.8%	6.9%	0%		35.1%	**-**
PHF	0.42	0.6	0.67	0		0.57	0.79	0.87	0.83	0		0.86	0.68	0.93	0.61	0		0.9	0.58	0.95	0.89	0		0.94	**-**
Heavy	1	0	2	0		3	6	2	15	0		23	4	77	1	0		82	1	33	5	0		39	**-**
Heavy %	5%	0%	25%	0%		3.1%	5%	2.1%	19.7%	0%		7.8%	7%	12.5%	5.9%	0%		11.9%	14.3%	7.1%	4.4%	0%		6.7%	**-**
Lights	19	70	6	0		95	114	95	61	0		270	53	537	16	0		606	6	430	109	0		545	**-**
Lights %	95%	100%	75%	0%		96.9%	95%	97.9%	80.3%	0%		92.2%	93%	87.5%	94.1%	0%		88.1%	85.7%	92.9%	95.6%	0%		93.3%	**-**
Single-Unit Trucks	0	0	1	0		1	1	0	1	0		2	1	27	0	0		28	0	14	1	0		15	**-**
Single-Unit Trucks %	0%	0%	12.5%	0%		1%	0.8%	0%	1.3%	0%		0.7%	1.8%	4.4%	0%	0%		4.1%	0%	3%	0.9%	0%		2.6%	**-**
Buses	1	0	1	0		2	5	2	14	0		21	3	36	1	0		40	1	15	4	0		20	**-**
Buses %	5%	0%	12.5%	0%		2%	4.2%	2.1%	18.4%	0%		7.2%	5.3%	5.9%	5.9%	0%		5.8%	14.3%	3.2%	3.5%	0%		3.4%	**-**
Articulated Trucks	0	0	0	0		0	0	0	0	0		0	0	14	0	0		14	0	4	0	0		4	**-**
Articulated Trucks %	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	2.3%	0%	0%		2%	0%	0.9%	0%	0%		0.7%	**-**
Bicycles on Road	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	**-**
Bicycles on Road %	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	0%	0%	0%	0%		0%	**-**
Pedestrians	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	4	-	-	-	-	-	1	-	**-**
Pedestrians%	-	-	-	-	0%		-	-	-	-	16.7%		-	-	-	-	66.7%		-	-	-	-	16.7%		**-**
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	**-**
Bicycles on Crosswalk%	-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		-	-	-	-	0%		**-**

Peak Hour: 07:45 AM - 08:45 AM **Weather: Overcast Clouds (7.73 °C)**



	Bicycles on Crosswalk	Pedestrians
N	0	0
S	0	0
E	0	0
W	0	0

Peak Hour: 03:00 PM - 04:00 PM **Weather: Overcast Clouds (14.32 °C)**



	Bicycles on Crosswalk	Pedestrians
N	0	0
S	0	1
E	0	1
W	0	4

Crozier & Associates
ACCOUNTS PAYABLE
TORONTO - SELECT PROVINCE -, M1W1Y6
- SELECT COUNTRY -

Turning Movement Count (10 . MAYFIELD RD & ROBERT PARKINSON DR) CustID: 01421014

Start Time	E Approach MAYFIELD RD					S Approach ROBERT PARKINSON DR					W Approach MAYFIELD RD					Int. Total (15 min)	Int. Total (1 hr)
	Thru E:W	Left E:S	UTurn E:E	Peds E:	Approach Total	Right S:E	Left S:W	UTurn S:S	Peds S:	Approach Total	Right W:S	Thru W:E	UTurn W:W	Peds W:	Approach Total		
06:00:00	74	6	0	0	80	16	6	0	0	22	1	51	0	0	52	154	
06:15:00	87	5	0	0	92	14	7	0	0	21	2	65	0	0	67	180	
06:30:00	138	6	0	0	144	9	6	0	0	15	1	89	0	0	90	249	
06:45:00	118	7	0	0	125	14	8	0	0	22	0	66	0	0	66	213	796
07:00:00	110	7	0	0	117	22	6	0	0	28	4	107	0	0	111	256	898
07:15:00	113	4	0	0	117	21	3	0	0	24	3	110	0	0	113	254	972
07:30:00	112	3	0	0	115	16	5	0	0	21	5	115	0	0	120	256	979
07:45:00	124	4	0	0	128	15	10	0	0	25	4	126	0	0	130	283	1049
08:00:00	153	7	0	0	160	17	4	0	0	21	2	121	0	0	123	304	1097
08:15:00	141	10	0	0	151	24	7	0	0	31	8	144	0	0	152	334	1177
08:30:00	140	7	0	0	147	26	7	0	0	33	5	104	0	0	109	289	1210
08:45:00	161	7	0	0	168	19	7	0	0	26	5	86	0	0	91	285	1212
09:00:00	168	10	0	0	178	19	9	0	0	28	12	127	0	0	139	345	1253
09:15:00	112	6	0	0	118	14	2	0	0	16	5	113	0	0	118	252	1171
09:30:00	95	8	0	0	103	10	2	0	0	12	3	87	0	0	90	205	1087
09:45:00	87	8	0	0	95	25	4	0	0	29	5	93	0	0	98	222	1024
BREAK																	
15:00:00	129	9	0	0	138	19	9	0	0	28	9	148	0	0	157	323	
15:15:00	126	17	0	0	143	20	10	0	0	30	12	141	0	0	153	326	
15:30:00	128	17	0	0	145	15	3	0	0	18	9	182	0	0	191	354	
15:45:00	121	24	0	0	145	17	5	0	0	22	16	185	0	0	201	368	1371
16:00:00	106	29	0	0	135	12	1	0	0	13	12	146	0	0	158	306	1354
16:15:00	111	11	0	0	122	21	6	0	0	27	4	131	0	0	135	284	1312
16:30:00	119	20	0	0	139	17	7	0	0	24	7	134	0	0	141	304	1262
16:45:00	108	14	0	0	122	18	6	0	0	24	8	147	0	0	155	301	1195
17:00:00	108	18	0	0	126	23	5	0	0	28	5	141	0	0	146	300	1189
17:15:00	107	19	0	0	126	10	2	0	0	12	11	165	0	0	176	314	1219
17:30:00	99	16	0	0	115	19	11	0	0	30	8	169	0	0	177	322	1237
17:45:00	110	14	0	0	124	9	10	0	0	19	15	152	0	0	167	310	1246
18:00:00	103	15	0	0	118	25	9	0	2	34	9	152	0	0	161	313	1259
18:15:00	102	21	0	0	123	18	13	0	0	31	12	160	0	0	172	326	1271
18:30:00	92	31	0	0	123	15	7	0	0	22	12	133	0	0	145	290	1239
18:45:00	91	9	0	0	100	14	6	0	1	20	10	120	0	0	130	250	1179

Grand Total	3693	389	0	0	4082	553	203	0	3	756	224	4010	0	0	4234	**9072**	-
Approach%	90.5%	9.5%	0%		-	73.1%	26.9%	0%		-	5.3%	94.7%	0%		-	**-**	-
Totals %	40.7%	4.3%	0%		45%	6.1%	2.2%	0%		8.3%	2.5%	44.2%	0%		46.7%	**-**	-
Heavy	263	21	0		-	25	4	0		-	13	258	0		-	**-**	-
Heavy %	7.1%	5.4%	0%		-	4.5%	2%	0%		-	5.8%	6.4%	0%		-	**-**	-
Bicycles	-	-	-		-	-	-	-		-	-	-	-		-	**-**	-
Bicycle %	-	-	-		-	-	-	-		-	-	-	-		-	**-**	-

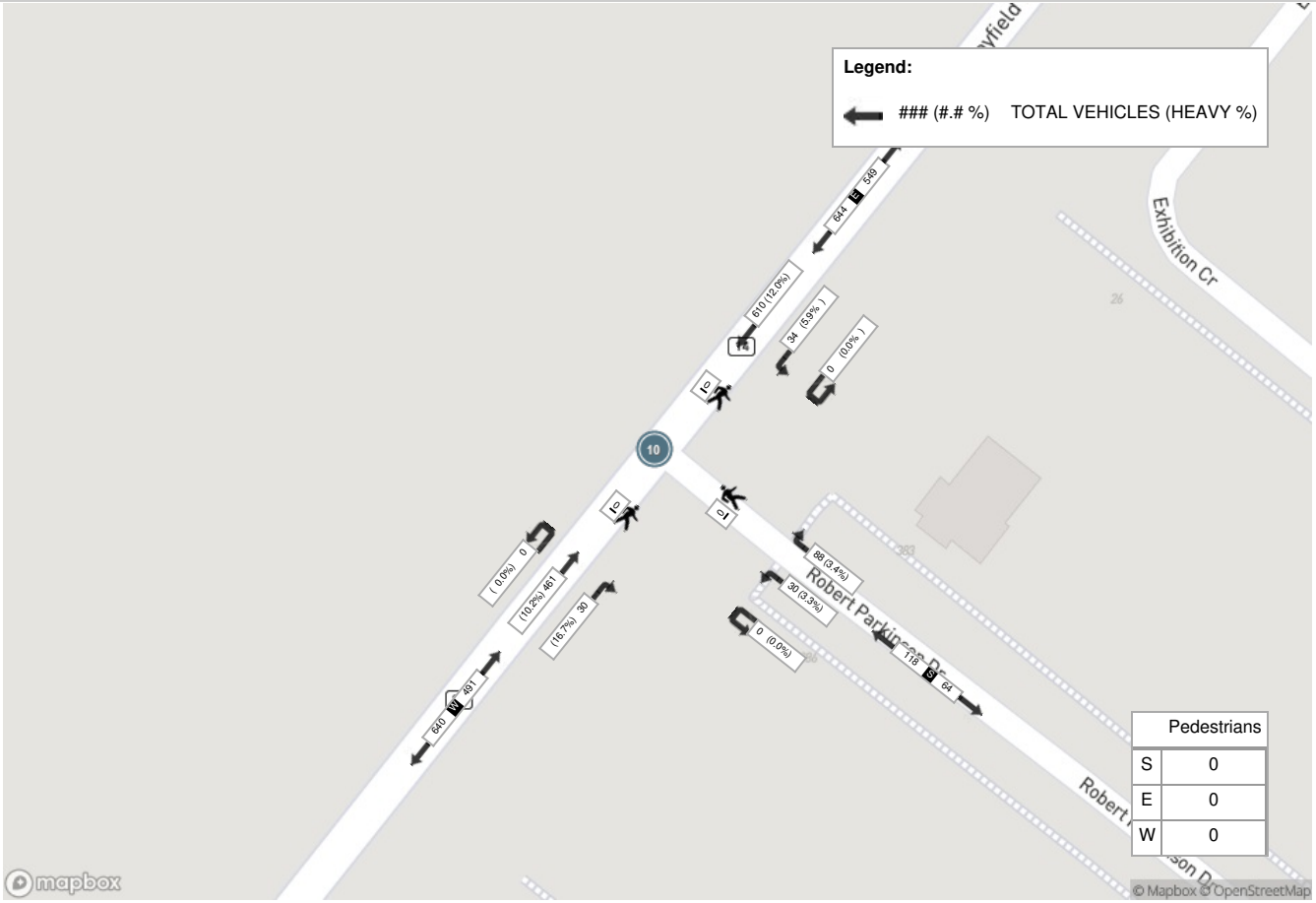
Peak Hour: 08:15 AM - 09:15 AM Weather: Overcast Clouds (7.73 °C)

Start Time	E Approach MAYFIELD RD					S Approach ROBERT PARKINSON DR					W Approach MAYFIELD RD					Int. Total (15 min)
	Thru	Left	UTurn	Peds	Approach Total	Right	Left	UTurn	Peds	Approach Total	Right	Thru	UTurn	Peds	Approach Total	
08:15:00	141	10	0	0	151	24	7	0	0	31	8	144	0	0	152	334
08:30:00	140	7	0	0	147	26	7	0	0	33	5	104	0	0	109	289
08:45:00	161	7	0	0	168	19	7	0	0	26	5	86	0	0	91	285
09:00:00	168	10	0	0	178	19	9	0	0	28	12	127	0	0	139	345
Grand Total	610	34	0	0	644	88	30	0	0	118	30	461	0	0	491	**1253**
Approach%	94.7%	5.3%	0%		-	74.6%	25.4%	0%		-	6.1%	93.9%	0%		-	**-**
Totals %	48.7%	2.7%	0%		51.4%	7%	2.4%	0%		9.4%	2.4%	36.8%	0%		39.2%	**-**
PHF	0.91	0.85	0		0.9	0.85	0.83	0		0.89	0.63	0.8	0		0.81	**-**
Heavy	73	2	0		75	3	1	0		4	5	47	0		52	**-**
Heavy %	12%	5.9%	0%		11.6%	3.4%	3.3%	0%		3.4%	16.7%	10.2%	0%		10.6%	**-**
Lights	537	32	0		569	85	29	0		114	25	414	0		439	**-**
Lights %	88%	94.1%	0%		88.4%	96.6%	96.7%	0%		96.6%	83.3%	89.8%	0%		89.4%	**-**
Single-Unit Trucks	26	0	0		26	0	0	0		0	0	16	0		16	**-**
Single-Unit Trucks %	4.3%	0%	0%		4%	0%	0%	0%		0%	0%	3.5%	0%		3.3%	**-**
Buses	34	2	0		36	3	1	0		4	5	29	0		34	**-**
Buses %	5.6%	5.9%	0%		5.6%	3.4%	3.3%	0%		3.4%	16.7%	6.3%	0%		6.9%	**-**
Articulated Trucks	13	0	0		13	0	0	0		0	0	2	0		2	**-**
Articulated Trucks %	2.1%	0%	0%		2%	0%	0%	0%		0%	0%	0.4%	0%		0.4%	**-**
Bicycles on Road	0	0	0		0	0	0	0		0	0	0	0		0	**-**
Bicycles on Road %	0%	0%	0%		0%	0%	0%	0%		0%	0%	0%	0%		0%	**-**
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	0%		-	-	-	0%		-	-	-	0%		**-**

Peak Hour: 03:00 PM - 04:00 PM Weather: Overcast Clouds (14.32 °C)

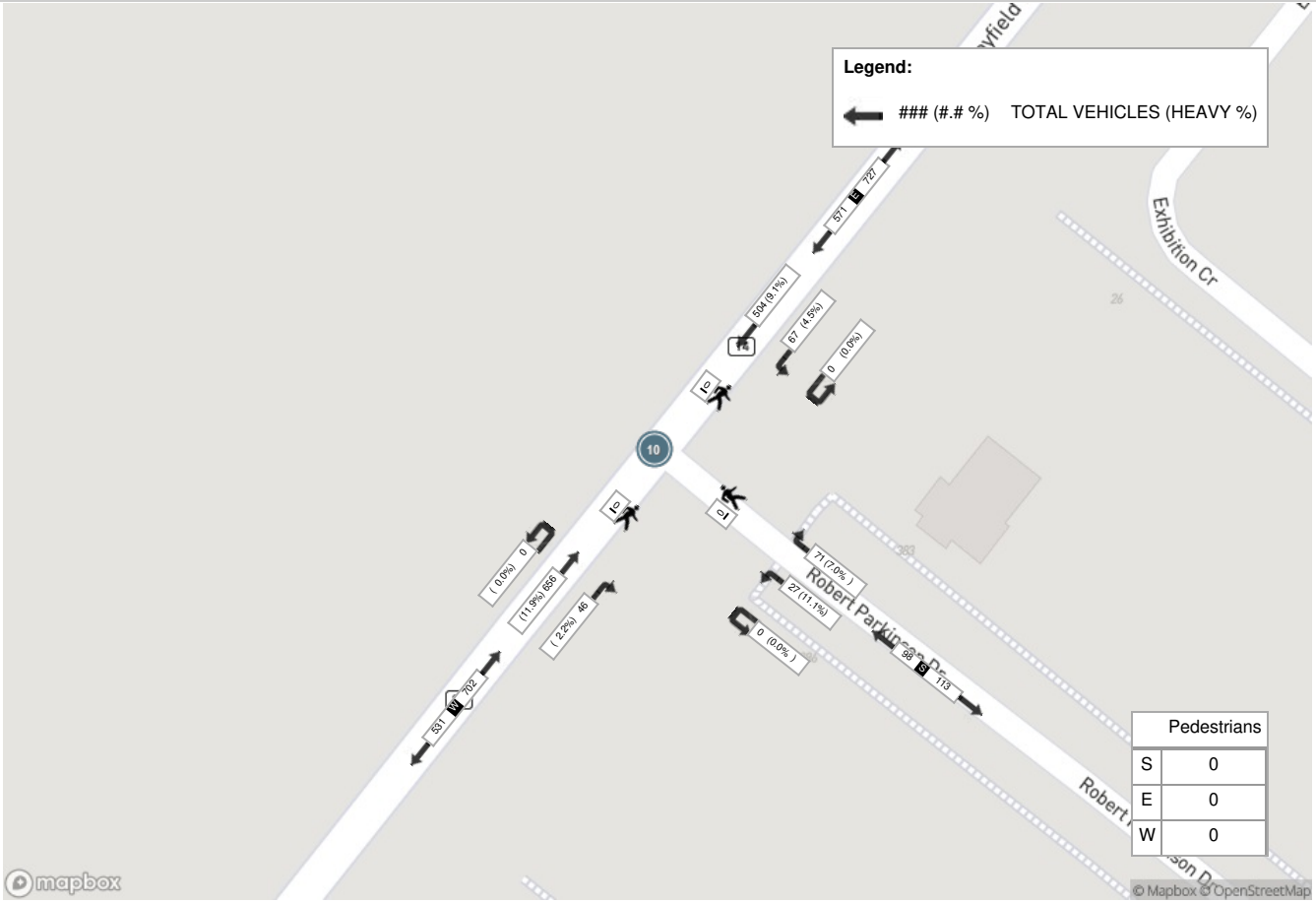
Start Time	E Approach MAYFIELD RD					S Approach ROBERT PARKINSON DR					W Approach MAYFIELD RD					Int. Total (15 min)
	Thru	Left	UTurn	Peds	Approach Total	Right	Left	UTurn	Peds	Approach Total	Right	Thru	UTurn	Peds	Approach Total	
15:00:00	129	9	0	0	138	19	9	0	0	28	9	148	0	0	157	323
15:15:00	126	17	0	0	143	20	10	0	0	30	12	141	0	0	153	326
15:30:00	128	17	0	0	145	15	3	0	0	18	9	182	0	0	191	354
15:45:00	121	24	0	0	145	17	5	0	0	22	16	185	0	0	201	368
Grand Total	504	67	0	0	571	71	27	0	0	98	46	656	0	0	702	**1371**
Approach%	88.3%	11.7%	0%		-	72.4%	27.6%	0%		-	6.6%	93.4%	0%		-	**-**
Totals %	36.8%	4.9%	0%		41.6%	5.2%	2%	0%		7.1%	3.4%	47.8%	0%		51.2%	**-**
PHF	0.98	0.7	0		0.98	0.89	0.68	0		0.82	0.72	0.89	0		0.87	**-**
Heavy	46	3	0		49	5	3	0		8	1	78	0		79	**-**
Heavy %	9.1%	4.5%	0%		8.6%	7%	11.1%	0%		8.2%	2.2%	11.9%	0%		11.3%	**-**
Lights	458	64	0		522	66	24	0		90	45	578	0		623	**-**
Lights %	90.9%	95.5%	0%		91.4%	93%	88.9%	0%		91.8%	97.8%	88.1%	0%		88.7%	**-**
Single-Unit Trucks	15	0	0		15	1	0	0		1	0	26	0		26	**-**
Single-Unit Trucks %	3%	0%	0%		2.6%	1.4%	0%	0%		1%	0%	4%	0%		3.7%	**-**
Buses	27	3	0		30	4	3	0		7	1	36	0		37	**-**
Buses %	5.4%	4.5%	0%		5.3%	5.6%	11.1%	0%		7.1%	2.2%	5.5%	0%		5.3%	**-**
Articulated Trucks	4	0	0		4	0	0	0		0	0	16	0		16	**-**
Articulated Trucks %	0.8%	0%	0%		0.7%	0%	0%	0%		0%	0%	2.4%	0%		2.3%	**-**
Bicycles on Road	0	0	0		0	0	0	0		0	0	0	0		0	**-**
Bicycles on Road %	0%	0%	0%		0%	0%	0%	0%		0%	0%	0%	0%		0%	**-**
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	0%		-	-	-	0%		-	-	-	0%		**-**

Peak Hour: 08:15 AM - 09:15 AM Weather: Overcast Clouds (7.73 °C)



Crozier & Associates
ACCOUNTS PAYABLE
TORONTO - SELECT PROVINCE -, M1W1Y6
- SELECT COUNTRY -

Peak Hour: 03:00 PM - 04:00 PM Weather: Overcast Clouds (14.32 °C)



Turning Movement Count (8 . MAYFIELD RD & THORNBUSH BLVD) CustID: 01420377

Start Time	E Approach MAYFIELD RD					S Approach THORNBUSH BLVD					W Approach MAYFIELD RD					Int. Total (15 min)	Int. Total (1 hr)
	Thru E:W	Left E:S	UTurn E:E	Peds E:	Approach Total	Right S:E	Left S:W	UTurn S:S	Peds S:	Approach Total	Right W:S	Thru W:E	UTurn W:W	Peds W:	Approach Total		
06:00:00	82	1	0	0	83	9	0	0	0	9	0	87	0	0	87	179	
06:15:00	83	0	0	0	83	10	1	0	0	11	0	86	0	0	86	180	
06:30:00	143	2	0	0	145	8	0	0	0	8	1	94	0	0	95	248	
06:45:00	114	3	0	0	117	6	0	0	0	6	0	94	0	0	94	217	824
07:00:00	119	1	0	0	120	10	2	0	0	12	0	130	0	0	130	262	907
07:15:00	128	5	0	0	133	17	1	0	0	18	0	147	0	0	147	298	1025
07:30:00	130	8	0	0	138	10	4	0	0	14	0	146	0	0	146	298	1075
07:45:00	144	5	0	0	149	6	2	0	0	8	0	148	0	0	148	305	1163
08:00:00	152	1	0	0	153	11	2	0	0	13	3	152	0	0	155	321	1222
08:15:00	154	5	0	0	159	7	2	0	0	9	0	185	0	0	185	353	1277
08:30:00	138	8	0	0	146	8	0	0	0	8	0	153	0	0	153	307	1286
08:45:00	183	3	0	0	186	14	3	0	0	17	1	111	0	0	112	315	1296
09:00:00	163	4	0	0	167	11	3	0	0	14	0	154	0	0	154	335	1310
09:15:00	101	2	0	0	103	11	2	0	0	13	0	138	0	0	138	254	1211
09:30:00	114	1	0	0	115	5	0	0	0	5	1	112	0	0	113	233	1137
09:45:00	99	7	0	0	106	6	2	0	0	8	2	122	0	0	124	238	1060
BREAK																	
15:00:00	147	9	0	0	156	7	2	0	0	9	1	180	0	0	181	346	
15:15:00	157	6	0	0	163	6	1	0	0	7	2	167	0	0	169	339	
15:30:00	143	10	0	0	153	5	1	0	0	6	2	189	0	0	191	350	
15:45:00	140	11	0	0	151	8	3	0	0	11	5	195	0	0	200	362	1397
16:00:00	137	17	0	0	154	10	1	0	0	11	1	157	0	0	158	323	1374
16:15:00	131	11	0	0	142	4	1	0	0	5	3	157	0	0	160	307	1342
16:30:00	139	13	0	0	152	4	2	0	0	6	3	157	0	0	160	318	1310
16:45:00	115	8	0	0	123	4	1	0	0	5	1	168	0	0	169	297	1245
17:00:00	134	10	0	0	144	12	2	0	0	14	2	161	0	0	163	321	1243
17:15:00	139	7	0	0	146	6	1	0	0	7	4	170	1	0	175	328	1264
17:30:00	137	11	0	0	148	4	3	0	0	7	6	192	0	0	198	353	1299
17:45:00	132	9	0	0	141	5	6	0	0	11	4	164	0	0	168	320	1322
18:00:00	145	10	0	0	155	8	0	0	0	8	3	167	0	0	170	333	1334
18:15:00	151	12	0	0	163	11	0	0	0	11	3	189	0	0	192	366	1372
18:30:00	119	6	0	0	125	10	1	0	1	11	6	136	0	0	142	278	1297
18:45:00	115	7	0	0	122	5	1	0	0	6	2	149	0	0	151	279	1256

Grand Total	4228	213	0	0	4441	258	50	0	1	308	56	4757	1	0	4814	**9563**	-
Approach%	95.2%	4.8%	0%		-	83.8%	16.2%	0%		-	1.2%	98.8%	0%		-	**-**	-
Totals %	44.2%	2.2%	0%		46.4%	2.7%	0.5%	0%		3.2%	0.6%	49.7%	0%		50.3%	**-**	-
Heavy	290	8	0		-	9	0	0		-	4	296	0		-	**-**	-
Heavy %	6.9%	3.8%	0%		-	3.5%	0%	0%		-	7.1%	6.2%	0%		-	**-**	-
Bicycles	-	-	-		-	-	-	-		-	-	-	-		-	**-**	-
Bicycle %	-	-	-		-	-	-	-		-	-	-	-		-	**-**	-

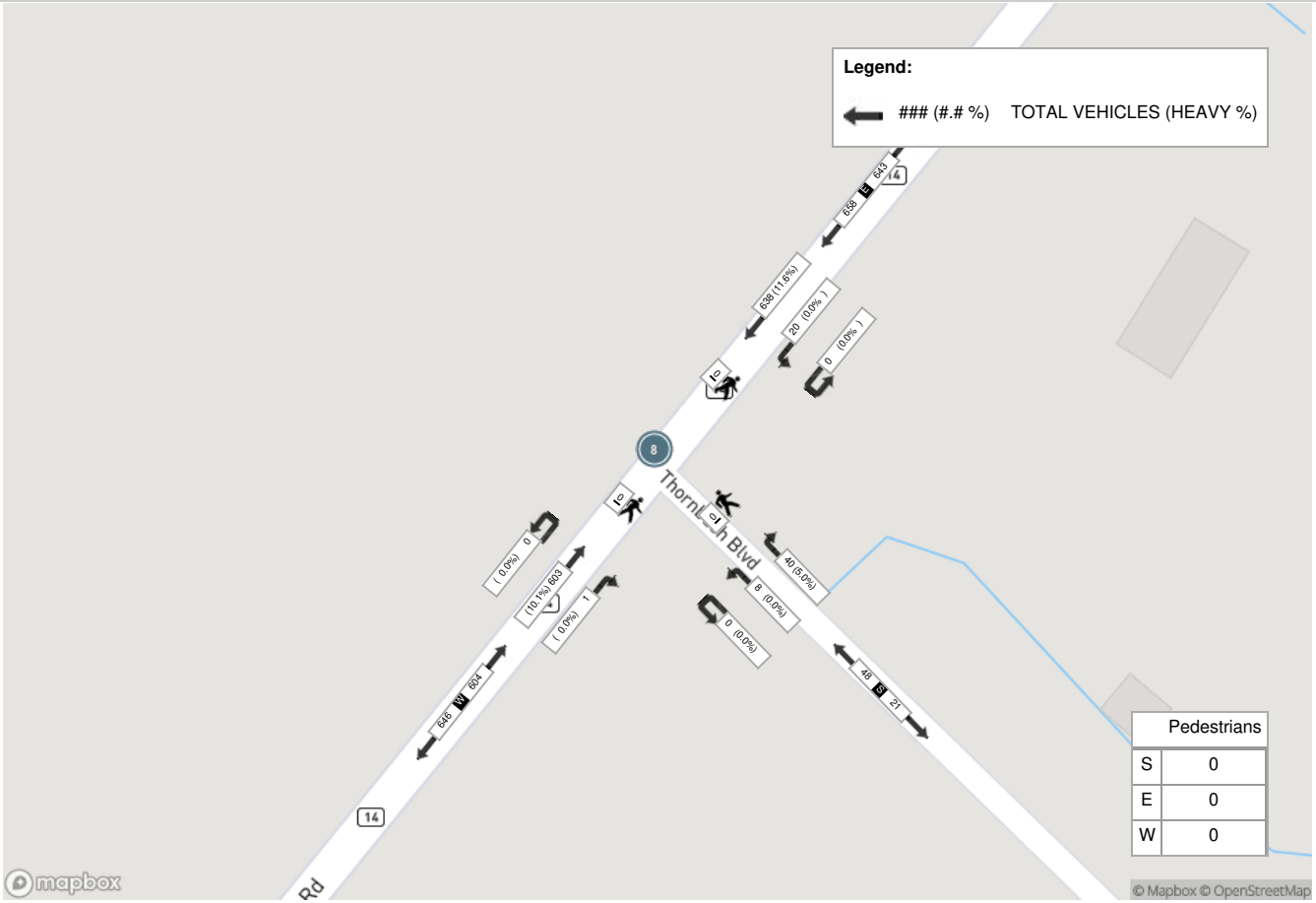
Peak Hour: 08:15 AM - 09:15 AM Weather: Overcast Clouds (7.73 °C)

Start Time	E Approach MAYFIELD RD					S Approach THORNBUSH BLVD					W Approach MAYFIELD RD					Int. Total (15 min)
	Thru	Left	UTurn	Peds	Approach Total	Right	Left	UTurn	Peds	Approach Total	Right	Thru	UTurn	Peds	Approach Total	
08:15:00	154	5	0	0	159	7	2	0	0	9	0	185	0	0	185	353
08:30:00	138	8	0	0	146	8	0	0	0	8	0	153	0	0	153	307
08:45:00	183	3	0	0	186	14	3	0	0	17	1	111	0	0	112	315
09:00:00	163	4	0	0	167	11	3	0	0	14	0	154	0	0	154	335
Grand Total	638	20	0	0	658	40	8	0	0	48	1	603	0	0	604	**1310**
Approach%	97%	3%	0%		-	83.3%	16.7%	0%		-	0.2%	99.8%	0%		-	**-**
Totals %	48.7%	1.5%	0%		50.2%	3.1%	0.6%	0%		3.7%	0.1%	46%	0%		46.1%	**-**
PHF	0.87	0.63	0		0.88	0.71	0.67	0		0.71	0.25	0.81	0		0.82	**-**
Heavy	74	0	0		74	2	0	0		2	0	61	0		61	**-**
Heavy %	11.6%	0%	0%		11.2%	5%	0%	0%		4.2%	0%	10.1%	0%		10.1%	**-**
Lights	564	20	0		584	38	8	0		46	1	542	0		543	**-**
Lights %	88.4%	100%	0%		88.8%	95%	100%	0%		95.8%	100%	89.9%	0%		89.9%	**-**
Single-Unit Trucks	31	0	0		31	0	0	0		0	0	18	0		18	**-**
Single-Unit Trucks %	4.9%	0%	0%		4.7%	0%	0%	0%		0%	0%	3%	0%		3%	**-**
Buses	32	0	0		32	2	0	0		2	0	40	0		40	**-**
Buses %	5%	0%	0%		4.9%	5%	0%	0%		4.2%	0%	6.6%	0%		6.6%	**-**
Articulated Trucks	11	0	0		11	0	0	0		0	0	3	0		3	**-**
Articulated Trucks %	1.7%	0%	0%		1.7%	0%	0%	0%		0%	0%	0.5%	0%		0.5%	**-**
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	0%		-	-	-	0%		-	-	-	0%		**-**

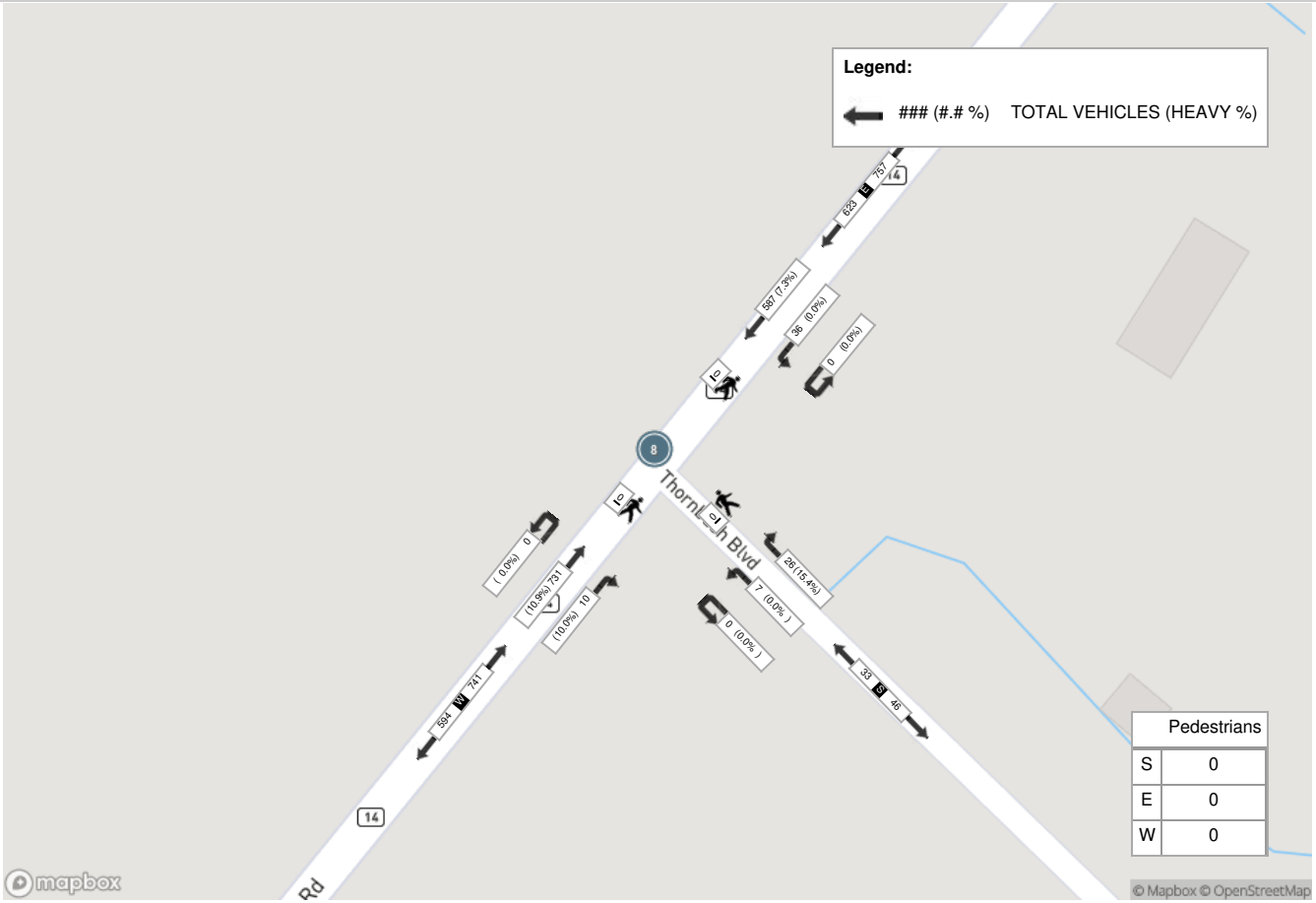
Peak Hour: 03:00 PM - 04:00 PM Weather: Overcast Clouds (14.32 °C)

Start Time	E Approach MAYFIELD RD					S Approach THORNBUSH BLVD					W Approach MAYFIELD RD					Int. Total (15 min)
	Thru	Left	UTurn	Peds	Approach Total	Right	Left	UTurn	Peds	Approach Total	Right	Thru	UTurn	Peds	Approach Total	
15:00:00	147	9	0	0	156	7	2	0	0	9	1	180	0	0	181	346
15:15:00	157	6	0	0	163	6	1	0	0	7	2	167	0	0	169	339
15:30:00	143	10	0	0	153	5	1	0	0	6	2	189	0	0	191	350
15:45:00	140	11	0	0	151	8	3	0	0	11	5	195	0	0	200	362
Grand Total	587	36	0	0	623	26	7	0	0	33	10	731	0	0	741	**1397**
Approach%	94.2%	5.8%	0%		-	78.8%	21.2%	0%		-	1.3%	98.7%	0%		-	**-**
Totals %	42%	2.6%	0%		44.6%	1.9%	0.5%	0%		2.4%	0.7%	52.3%	0%		53%	**-**
PHF	0.93	0.82	0		0.96	0.81	0.58	0		0.75	0.5	0.94	0		0.93	**-**
Heavy	43	0	0		43	4	0	0		4	1	80	0		81	**-**
Heavy %	7.3%	0%	0%		6.9%	15.4%	0%	0%		12.1%	10%	10.9%	0%		10.9%	**-**
Lights	544	36	0		580	22	7	0		29	9	651	0		660	**-**
Lights %	92.7%	100%	0%		93.1%	84.6%	100%	0%		87.9%	90%	89.1%	0%		89.1%	**-**
Single-Unit Trucks	17	0	0		17	0	0	0		0	0	27	0		27	**-**
Single-Unit Trucks %	2.9%	0%	0%		2.7%	0%	0%	0%		0%	0%	3.7%	0%		3.6%	**-**
Buses	21	0	0		21	4	0	0		4	1	41	0		42	**-**
Buses %	3.6%	0%	0%		3.4%	15.4%	0%	0%		12.1%	10%	5.6%	0%		5.7%	**-**
Articulated Trucks	5	0	0		5	0	0	0		0	0	12	0		12	**-**
Articulated Trucks %	0.9%	0%	0%		0.8%	0%	0%	0%		0%	0%	1.6%	0%		1.6%	**-**
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	**-**
Pedestrians%	-	-	-	0%		-	-	-	0%		-	-	-	0%		**-**

Peak Hour: 08:15 AM - 09:15 AM Weather: Overcast Clouds (7.73 °C)



Peak Hour: 03:00 PM - 04:00 PM Weather: Overcast Clouds (14.32 °C)



Jane Hu

From: Arash Olia <Arash.Olia@caledon.ca>
Sent: Monday, March 18, 2024 11:43 AM
To: Jane Hu
Cc: Seema Nagaraj
Subject: Re: Road Traffic Data Request (VCL: 1240062.000)

Hi Jane,

Please arrange to collect the recent traffic data.

Thanks,

Arash Olia, Ph.D., P.Eng.
Manager, Transportation Engineering
Engineering, Public Works & Transportation

Office: 905.584.2272 x.4073
Email: arash.olia@caledon.ca

Town of Caledon | www.caledon.ca | www.visitcaledon.ca | Follow us @TownofCaledon

---

From: Jane Hu <jhu@valcoustics.com>
Sent: Monday, March 18, 2024 7:07:26 PM
To: Arash Olia <Arash.Olia@caledon.ca>
Cc: Seema Nagaraj <seema@valcoustics.com>
Subject: Road Traffic Data Request (VCL: 1240062.000)

Hello,

We are currently preparing an environmental noise feasibility study for a proposed secondary plan in the vicinity of Chinguacousy Road and Mayfield Road (please see snippet below for exact location), in Caledon.

If available, could you please provide road traffic data for:

- Chinguacousy Road, north of Mayfield Road
- Creditview Road, north of Mayfield Road
- Heritage Road, north of Mayfield Road

We are looking for any available data for current and ultimate AADT, number of lanes, posted speed limit, medium/heavy truck percentages, day/night split, and road gradient.

Thank you,
Jane Hu

VALCOUSTICS
Canada Ltd.
consulting acoustical engineers

30 Wertheim Court, Unit 25
Richmond Hill, Ontario
Canada L4B 1B9
Tel: 905-764-5223 ext. 233
Fax: 905-764-6813
solutions@valcoustics.com

automatically monitored and recorded and the content may be required to be disclosed by the Town to a third party in certain circumstances). Thank you."

APPENDIX B
ENVIRONMENTAL NOISE GUIDELINES

APPENDIX B

ENVIRONMENTAL NOISE GUIDELINES

MINISTRY OF THE ENVIRONMENT, CONSERVATION AND PARKS (MECP)

Reference: MECP Publication NPC-300, October 2013: *"Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning"*.

SPACE	SOURCE	TIME PERIOD	CRITERION
Living/dining, den areas of residences, hospitals, nursing homes, schools, daycare centres, etc.	Road	07:00 to 23:00	45 dBA
	Rail	07:00 to 23:00	40 dBA
	Aircraft	24-hour period	NEF/NEP 5
Living/dining, den areas of residences, hospitals, nursing homes, etc. (except schools or daycare centres)	Road	23:00 to 07:00	45 dBA
	Rail	23:00 to 07:00	40 dBA
	Aircraft	24-hour period	NEF/NEP 5
Sleeping quarters	Road	07:00 to 23:00	45 dBA
	Rail	07:00 to 23:00	40 dBA
	Aircraft	24-hour period	NEF/NEP 0
Sleeping quarters	Road	23:00 to 07:00	40 dBA
	Rail	23:00 to 07:00	35 dBA
	Aircraft	24-hour period	NEF/NEP 0
Outdoor Living Areas	Road and Rail	07:00 to 23:00	55 dBA
Outdoor Point of Reception	Aircraft	24-hour period	NEF/NEP 30#
	Stationary Source		
	Class 1 Area	07:00 to 19:00(1)	50* dBA
		19:00 to 23:00(1)	50* dBA
	Class 2 Area	07:00 to 19:00(2)	50* dBA
		19:00 to 23:00(2)	45* dBA
	Class 3 Area	07:00 to 19:00(3)	45* dBA
		19:00 to 23:00(3)	40* dBA
	Class 4 Area	07:00 to 19:00(4)	55* dBA
		19:00 to 23:00(4)	55* dBA

…./cont'd

SPACE	SOURCE	TIME PERIOD	CRITERION
Plane of a Window of Noise Sensitive Spaces	Stationary Source		
	Class 1 Area	07:00 to 19:00(1)	50* dBA
		19:00 to 23:00(1)	50* dBA
		23:00 to 07:00(1)	45* dBA
	Class 2 Area	07:00 to 19:00(2)	50* dBA
		19:00 to 23:00(2)	50* dBA
		23:00 to 07:00(2)	45* dBA
	Class 3 Area	07:00 to 19:00(3)	45* dBA
		19:00 to 23:00(3)	45* dBA
		23:00 to 07:00(3)	40* dBA
	Class 4 Area	07:00 to 19:00(4)	60* dBA
		19:00 to 23:00(4)	60* dBA
		23:00 to 07:00(4)	55* dBA

\# may not apply to in-fill or re-development.
* or the minimum hourly background sound exposure $L_{eq(1)}$, due to road traffic, if higher.
(1) Class 1 Area: Urban.
(2) Class 2 Area: Urban during day; rural-like evening and night.
(3) Class 3 Area: Rural.
(4) Class 4 Area: Subject to land use planning authority's approval.

Reference: MECP Publication ISBN 0-7729-2804-5, 1987: *"Environmental Noise Assessment in Land-Use Planning"*.

EXCESS ABOVE RECOMMENDED SOUND LEVEL LIMITS (dBA)	CHANGE IN SUBJECTIVE LOUDNESS ABOVE	MAGNITUDE OF THE NOISE PROBLEM	NOISE CONTROL MEASURES (OR ACTION TO BE TAKEN)
No excess (<55 dBA)	—	No expected noise problem	None
1 to 5 inclusive (56 to 60 dBA)	Noticeably louder	Slight noise impact	If no physical measures are taken, then prospective purchasers or tenants should be made aware by suitable warning clauses.
6 to 10 inclusive (61 - 65 dBA)	Almost twice as loud	Definite noise impact	Recommended.
11 to 15 inclusive (66 - 70 dBA)	Almost three times as loud	Serious noise impact	Strongly Recommended.
16 and over (>70 dBA)	Almost four times as loud	Very serious noise impact	Strongly Recommended (may be mandatory).

APPENDIX C

SAMPLE SOUND LEVEL CALCULATIONS - TRANSPORTATION SOURCES

```
STAMSON 5.04        NORMAL REPORT        Date: 28-06-2024 12:14:07
MINISTRY OF ENVIRONMENT, CONSERVATION AND PARKS / NOISE ASSESSMENT

Filename: r5.te                Time Period: Day/Night 16/8 hours
Description: Highway 413 - 1st Row Dwellings


Road data, segment # 1: 413 EB (day/night)
-----------------------------------------
Car traffic volume  : 12774/6406  veh/TimePeriod  *
Medium truck volume :   798/400   veh/TimePeriod  *
Heavy truck volume  :  2395/1201  veh/TimePeriod  *
Posted speed limit  :   110 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

* Refers to calculated road volumes based on the following input:

    24 hr Traffic Volume (AADT or SADT):  23976
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :   0.00
    Medium Truck % of Total Volume     :   5.00
    Heavy Truck  % of Total Volume     :  15.00
    Day (16 hrs) % of Total Volume     :  66.60

Data for Segment # 1: 413 EB (day/night)
----------------------------------------
Angle1   Angle2           : -90.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 105.00 / 105.00 m
Receiver height           :   7.50 / 7.50   m
Topography                :      1       (Flat/gentle slope; no barrier)
Reference angle           :   0.00


Road data, segment # 2: 413 WB (day/night)
-----------------------------------------
Car traffic volume  : 12774/6406  veh/TimePeriod  *
Medium truck volume :   798/400   veh/TimePeriod  *
Heavy truck volume  :  2395/1201  veh/TimePeriod  *
Posted speed limit  :   110 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

* Refers to calculated road volumes based on the following input:

    24 hr Traffic Volume (AADT or SADT):  23976
    Percentage of Annual Growth        :   0.00
    Number of Years of Growth          :   0.00
    Medium Truck % of Total Volume     :   5.00
    Heavy Truck  % of Total Volume     :  15.00
    Day (16 hrs) % of Total Volume     :  66.60
```

```
Data for Segment # 2: 413 WB (day/night)
----------------------------------------
Angle1   Angle2           : -90.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 145.00 / 145.00 m
Receiver height           :   7.50 / 7.50   m
Topography                :      1       (Flat/gentle slope; no barrier)
Reference angle           :   0.00


Results segment # 1: 413 EB (day)
---------------------------------

Source height = 1.97 m

ROAD (0.00 + 64.81 + 0.00) = 64.81 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90     90   0.47  78.31   0.00 -12.39  -1.11   0.00   0.00   0.00  64.81
-------------------------------------------------------------------------------

Segment Leq : 64.81 dBA


Results segment # 2: 413 WB (day)
---------------------------------

Source height = 1.97 m

ROAD (0.00 + 62.75 + 0.00) = 62.75 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90     90   0.47  78.31   0.00 -14.44  -1.11   0.00   0.00   0.00  62.75
-------------------------------------------------------------------------------

Segment Leq : 62.75 dBA

Total Leq All Segments: 66.91 dBA


Results segment # 1: 413 EB (night)
-----------------------------------

Source height = 1.97 m

ROAD (0.00 + 64.82 + 0.00) = 64.82 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90     90   0.47  78.32   0.00 -12.39  -1.11   0.00   0.00   0.00  64.82
-------------------------------------------------------------------------------

Segment Leq : 64.82 dBA
```

Results segment # 2: 413 WB (night)

Source height = 1.97 m

ROAD (0.00 + 62.77 + 0.00) = 62.77 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.47	78.32	0.00	-14.44	-1.11	0.00	0.00	0.00	62.77

Segment Leq : 62.77 dBA

Total Leq All Segments: 66.93 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 66.91
(NIGHT): 66.93

APPENDIX D

SAMPLE SOUND LEVEL CALCULATIONS - STATIONARY SOURCES

Receiver Table

Name	Sel.	M.	ID	Level Lr			Limit. Value			Land Use			Height		Coordinates		
				Day	Evening	Night	Day	Evening	Night	Type	Auto	Noise Type			X	Y	Z
				(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)				(m)		(m)	(m)	(m)
Sample Low-Rise Residential Blk			R01	46.1	33.1	31.7	0.0	0.0	0.0		x	Total	7.50	r	17590564.35	4838871.29	7.50

Point Sources

Name	Sel.	M.	ID	Result. PWL			Lw / Li			Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	Height		Coordinates		
				Day	Evening	Night	Type	Value	norm.	Day	Evening	Night	R	Area		Day	Special	Night						X	Y	Z
				(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)	dB(A)		(m²)		(min)	(min)	(min)	(dB)	(Hz)		(m)		(m)	(m)	(m)
			Cort_CU49	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591129.60	4838829.57	1.00
			Cort_CU48	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591126.31	4838832.90	1.00
			Cort_CU47	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591106.48	4838852.59	1.00
			Cort_CU46	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591103.85	4838855.20	1.00
			Cort_CU45	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591100.08	4838858.97	1.00
			Cort_CU44	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591097.65	4838861.30	1.00
			Cort_CU43	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591093.34	4838865.68	1.00
			Cort_CU42	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591090.89	4838868.12	1.00
			Cort_CU41	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591144.38	4838845.17	1.00
			Cort_CU40	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591141.50	4838848.04	1.00
			Cort_CU39	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591139.41	4838850.12	1.00
			Cort_CU38	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591135.91	4838853.61	1.00
			Cort_CU37	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591132.69	4838856.81	1.00
			Cort_CU36	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591137.15	4838861.64	1.00
			Cort_CU35	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591140.68	4838858.12	1.00
			Cort_CU34	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591143.16	4838855.66	1.00
			Cort_CU33	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591147.71	4838851.13	1.00
			Cort_CU32	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591150.45	4838848.40	1.00
			Cort_CU31	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591119.63	4838869.57	1.00
			Cort_CU30	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591115.26	4838873.91	1.00
			Cort_CU29	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591112.68	4838876.49	1.00
			Cort_CU28	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591109.13	4838880.02	1.00
			Cort_CU27	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591106.74	4838882.40	1.00
			Cort_CU26	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591111.56	4838886.87	1.00
			Cort_CU25	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591113.95	4838884.49	1.00
			Cort_CU24	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591117.75	4838880.70	1.00
			Cort_CU23	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591120.34	4838878.13	1.00
			Cort_CU22	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591124.29	4838874.19	1.00
			Cort_CU21	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591122.78	4838836.39	1.00
			Cort_CU20	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591113.96	4838845.03	1.00
			Cort_CU19	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591117.62	4838841.28	1.00
			Cort_CU18	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591120.84	4838838.15	1.00
			Cort_CU17	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591165.72	4838863.88	1.00
			Cort_CU16	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591163.31	4838866.28	1.00
			Cort_CU15	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591158.53	4838871.04	1.00
			Cort_CU14	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591152.61	4838876.94	1.00
			Cort_CU13	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591126.57	4838902.88	1.00
			Cort_CU12	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591128.81	4838900.64	1.00
			Cort_CU11	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591132.88	4838896.59	1.00
			Cort_CU10	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591135.62	4838893.86	1.00
			Cort_CU09	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591126.90	4838871.60	1.00
			Cort_CU08	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591122.41	4838866.80	1.00
			Cort_CU07	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591134.72	4838864.06	1.00
			Cort_CU06	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591130.41	4838859.08	1.00
			Cort_CU05	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591139.33	4838890.17	1.00
			Cort_CU04	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591142.04	4838887.47	1.00
			Cort_CU03	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591149.98	4838879.56	1.00
			Cort_CU02	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591156.11	4838873.46	1.00
			Cort_CU01	81.1	81.1	81.1	Lw	HVAC		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591112.25	4838846.84	1.00
			Walker_DustCollector	87.7	87.7	87.7	Lw	DustCollector		0.0	0.0	0.0				60.00	0.00	0.00	0.0		(none)	2.40	r	17590780.50	4838220.05	2.40
			Walker_HeavyTrkIdle01	100.9	100.9	100.9	Lw	HvyTrk_Idle		0.0	0.0	0.0				20.00	0.00	0.00	0.0		(none)	2.40	r	17590739.50	4838470.93	2.40
			Walker_HeavyTrkIdle02	100.9	100.9	100.9	Lw	HvyTrk_Idle		0.0	0.0	0.0				20.00	0.00	0.00	0.0		(none)	2.40	r	17590610.80	4838441.87	2.40
			Walker_HeavyTrkIdle03	100.9	100.9	100.9	Lw	HvyTrk_Idle		0.0	0.0	0.0				20.00	0.00	0.00	0.0		(none)	2.40	r	17590805.55	4838281.08	2.40
			GB_HeavyTrkIdle01	100.9	100.9	100.9	Lw	HvyTrk_Idle		0.0	0.0	0.0				5.00	0.00	0.00	0.0		(none)	2.40	r	17590844.65	4838354.29	2.40
			GB_HeavyTrkIdle02	100.9	100.9	100.9	Lw	HvyTrk_Idle		0.0	0.0	0.0				5.00	0.00	0.00	0.0		(none)	2.40	r	17590894.04	4838287.43	2.40
			Walker_HeavyTrkIdle04	100.9	100.9	100.9	Lw	HvyTrk_Idle		0.0	0.0	0.0				5.00	0.00	0.00	0.0		(none)	2.40	r	17590874.42	4838214.39	2.40
Corteva_RoofMUA			Cort_MUA01	93.4	93.4	93.4	Lw	RoofMUA_Casing++RoofMUA_Inlet		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.50	g	17591179.85	4838878.33	6.50
Corteva_RoofMUA			Cort_MUA02	93.4	93.4	93.4	Lw	RoofMUA_Casing++RoofMUA_Inlet		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.50	g	17591182.95	4838882.84	6.50
Corteva_RoofMUA			Cort_MUA03	93.4	93.4	93.4	Lw	RoofMUA_Casing++RoofMUA_Inlet		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.50	g	17591175.70	4838883.11	6.50

Name	Sel.	M.	ID	Result. PWL			Lw / Li			Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	Height		Coordinates		
				Day	Evening	Night	Type	Value	norm.	Day	Evening	Night	R	Area		Day	Special	Night						X	Y	Z
				(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)	dB(A)		(m²)		(min)	(min)	(min)	(dB)	(Hz)		(m)		(m)	(m)	(m)
Corteva_HeavyTrkIdle			Cort_HeavyTrkIdle01	100.9	100.9	100.9	Lw	HvyTrk_Idle		0.0	0.0	0.0				5.00	0.00	0.00	0.0		(none)	2.40	r	17591152.74	4838926.63	2.40
Exhaust Fan			Cort_EF01	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591118.99	4838940.54	1.00
Exhaust Fan			Cort_EF02	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591116.28	4838943.19	1.00
Exhaust Fan			Cort_EF03	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591113.40	4838945.99	1.00
Exhaust Fan			Cort_EF04	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591110.33	4838948.97	1.00
Exhaust Fan			Cort_EF05	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591107.03	4838952.18	1.00
Exhaust Fan			Cort_EF06	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591104.24	4838954.89	1.00
Exhaust Fan			Cort_EF07	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.00	r	17591101.45	4838957.61	1.00
Corteva_HeavyTrkIdle			Cort_HeavyTrkIdle02	100.9	100.9	100.9	Lw	HvyTrk_Idle		0.0	0.0	0.0				5.00	0.00	0.00	0.0		(none)	2.40	r	17591160.77	4838934.13	2.40
Corteva_HeavyTrkIdle			Cort_HeavyTrkIdle03	100.9	100.9	100.9	Lw	HvyTrk_Idle		0.0	0.0	0.0				5.00	0.00	0.00	0.0		(none)	2.40	r	17591167.03	4838939.46	2.40
Corteva_MUA			Cort_MUA04	93.4	93.4	93.4	Lw	RoofMUA_Casing++RoofMUA_Inlet		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.50	g	17591186.41	4838864.78	6.50
Corteva_fMUA			Cort_MUA05	93.4	93.4	93.4	Lw	RoofMUA_Casing++RoofMUA_Inlet		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	1.50	g	17591194.71	4838861.94	6.50
Corteva_REF01			Cort_REF01	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591184.33	4838909.34	5.70
Corteva_REF02			Cort_REF02	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591182.74	4838910.80	5.70
Corteva_REF03			Cort_REF03	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591184.00	4838912.12	5.70
Corteva_REF04			Cort_REF04	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591184.07	4838914.24	5.70
Corteva_REF05			Cort_REF05	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591182.15	4838916.29	5.70
Corteva_REF06			Cort_REF06	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591177.05	4838911.99	5.70
Corteva_REF07			Cort_REF07	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591174.47	4838914.64	5.70
Corteva_REF08			Cort_REF08	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591156.80	4838896.84	5.70
Corteva_REF09			Cort_REF09	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591172.55	4838919.80	5.70
Corteva_REF10			Cort_REF10	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591163.49	4838888.63	5.70
Corteva_REF11			Cort_REF11	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591160.77	4838886.05	5.70
Corteva_REF12			Cort_REF12	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591168.98	4838896.24	5.70
Corteva_REF13			Cort_REF13	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591146.55	4838897.83	5.70
Corteva_REF14			Cort_REF14	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591144.72	4838896.25	5.70
Corteva_REF15			Cort_REF15	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591172.28	4838886.45	5.70
Corteva_REF16			CortREF16	71.9	71.9	71.9	Lw	ExhaustFan		0.0	0.0	0.0				60.00	60.00	60.00	0.0		(none)	0.70	g	17591176.19	4838915.62	5.70
GEN_Corteva			Cort_GEN	100.3	100.3	100.3	Lw	GEN		0.0	0.0	0.0				60.00	60.00	0.00	0.0		(none)	2.70	r	17591137.35	4838902.30	2.70

Line Sources

Name	Sel.	M.	ID	Result. PWL			Result. PWL'			Lw / Li			Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	Moving Pt. Src			
				Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Evening	Night	R	Area		Day	Special	Night				Number			Speed
				(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)	dB(A)		(m²)		(min)	(min)	(min)	(dB)	(Hz)		Day	Evening	Night	(km/h)
Corteva - 3 Heavy Trk			Cort_HeavyTrkMove	94.9	-9.9	-9.9	68.9	-35.8	-35.8	PWL-Pt	Heavy_15kph		0.0	0.0	0.0							0.0		(none)	3.0	0.0	0.0	15.0
GB Stone - 2 Dump Trks			GB_AggTrk	87.1	-15.9	-15.9	59.1	-43.9	-43.9	PWL-Pt	Dump_truck		0.0	0.0	0.0							0.0		(none)	2.0	0.0	0.0	15.0
GB Stone - 1 FEL			GB_FEL	107.3	107.3	107.3	86.0	86.0	86.0	Lw	FEL		0.0	0.0	0.0				60.00	0.00	0.00	0.0		(none)				
GB Stone - 1 Heavy Trk			GB_HeavyTrkMove02	89.8	-10.2	-10.2	64.2	-35.8	-35.8	PWL-Pt	Heavy_15kph		0.0	0.0	0.0							0.0		(none)	1.0	0.0	0.0	15.0
GB Stone - 1 Heavy Trk			GB_HeavyTrkMove01	92.1	-7.9	-7.9	64.2	-35.8	-35.8	PWL-Pt	Heavy_15kph		0.0	0.0	0.0							0.0		(none)	1.0	0.0	0.0	15.0
Walker - 2 Dump Trk			Walker_DumpTrk01	98.8	-4.2	-4.2	67.2	-35.8	-35.8	PWL-Pt	Heavy_15kph		0.0	0.0	0.0							0.0		(none)	2.0	0.0	0.0	15.0
Walker - 2 Heavy Trk			Walker_HeavyTrkMove01	98.8	-4.2	-4.2	67.2	-35.8	-35.8	PWL-Pt	Heavy_15kph		0.0	0.0	0.0							0.0		(none)	2.0	0.0	0.0	15.0
Walker - 2 Dump Trk			Walker_DumpTrk02	86.5	-16.5	-16.5	59.1	-43.9	-43.9	PWL-Pt	Dump_truck		0.0	0.0	0.0							0.0		(none)	2.0	0.0	0.0	15.0
Walker - 2 Heavy Trk			Walker_HeavyTrkMove02	98.3	-4.7	-4.7	67.2	-35.8	-35.8	PWL-Pt	Heavy_15kph		0.0	0.0	0.0							0.0		(none)	2.0	0.0	0.0	15.0
Walker - 2 Dump Trk			Walker_DumpTrk03	89.5	-13.5	-13.5	59.1	-43.9	-43.9	PWL-Pt	Dump_truck		0.0	0.0	0.0							0.0		(none)	2.0	0.0	0.0	15.0
Walker - 2 Heavy Trk			Walker_HeavyTrkMove03	97.6	-5.5	-5.5	67.2	-35.8	-35.8	PWL-Pt	Heavy_15kph		0.0	0.0	0.0							0.0		(none)	2.0	0.0	0.0	15.0
Walker - Heavy Trk			Walker_HeavyTrkMove04	88.6	-11.4	-11.4	64.2	-35.8	-35.8	PWL-Pt	Heavy_15kph		0.0	0.0	0.0							0.0		(none)	1.0	0.0	0.0	15.0

Area Sources

Name	Sel.	M.	ID	Result. PWL			Result. PWL"			Lw / Li			Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	Moving Pt. Src		
				Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Evening	Night	R	Area		Day	Special	Night				Number		
				(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)	dB(A)		(m²)		(min)	(min)	(min)	(dB)	(Hz)		Day	Evening	Night
2 Forklifts			GB_Forklift	100.3	100.3	100.3	58.4	58.4	58.4	Lw	AAT_FL		3.0	3.0	3.0				60.00	0.00	0.00	0.0		(none)			
1 Screener			Walker_Screener03	100.1	100.1	100.1	57.8	57.8	57.8	Lw	Screener		0.0	0.0	0.0				60.00	0.00	0.00	0.0		(none)			
3 FEL			Walker_FEL03	103.5	98.8	98.8	61.3	56.6	56.6	Lw	FEL_excavator		4.7	0.0	0.0				60.00	0.00	0.00	0.0		(none)			
1 Screener			Walker_Screener02	100.1	100.1	100.1	56.4	56.4	56.4	Lw	Screener		0.0	0.0	0.0				60.00	0.00	0.00	0.0		(none)			
3 FEL			Walker_FEL02	103.5	98.8	98.8	59.8	55.1	55.1	Lw	FEL_excavator		4.7	0.0	0.0				60.00	0.00	0.00	0.0		(none)			
1 Screener			Walker_Screener01	100.1	100.1	100.1	55.2	55.2	55.2	Lw	Screener		0.0	0.0	0.0				60.00	0.00	0.00	0.0		(none)			
3 FEL			Walker_FEL01	103.5	98.8	98.8	58.6	53.9	53.9	Lw	FEL_excavator		4.7	0.0	0.0				60.00	0.00	0.00	0.0		(none)			

Sound Level Library

Name	ID	Type	Octave Spectrum (dB)												Source
			Weight.	31.5	63	125	250	500	1000	2000	4000	8000	A	lin	
Truck dumping topsoil onto stockpile	Dump_truck	Lw (c)		95.0	100.1	101.4	89.6	90.4	92.7	91.6	87.2	89.5	97.8	105.3	2017-June-7 sound measurements (1170268-100)
Truck passby at 10 km/h	Truck_passby	Lw (c)		77.7	89.5	84.0	81.5	83.6	85.6	82.5	72.4	64.3	88.8	93.3	2017-June-7 sound measurements (1170268-100)
Screener operating	Screener	Lw (c)		94.7	104.2	103.8	95.1	98.7	94.1	91.9	87.2	83.6	100.1	108.4	2017-June-7 sound measurements (1170268-100)
Stacker operating	Stacker	Lw (c)		106.7	102.1	96.7	93.1	94.5	92.0	91.1	91.5	88.8	98.7	108.9	2017-June-7 sound measurements (1170268-100)
Front-end Loader Movement	FEL	Lw		100.4	94.7	97.8	107.5	106.3	101.0	98.5	92.8	87.8	107.3	111.5	Sound Measurements 2023-10-24 (1230278, East)
FEL simulating excavator	FEL_excavator	Lw (c)		98.6	113.9	104.0	97.8	97.7	92.1	87.9	83.5	80.5	98.8	114.6	2017-June-7 sound measurements (1170268-100)

Name	ID	Type	Octave Spectrum (dB)											Source
			Weight.	31.5	63	125	250	500	1000	2000	4000	8000	A	lin	
Heavy Truck Idling	HvyTrk_Idle	Lw		101.1	100.6	98.3	94.2	96.9	97.0	94.2	87.4	81.6	100.9	106.7	VCL Database
Heavy truck movement - 15 kph	Heavy_15kph	Lw		0.0	112.0	110.5	106.5	102.3	99.2	97.5	95.7	92.3	105.9	115.5	VCL Database
Medium truck movement - 15 kph	Med_15kph	Lw		0.0	112.0	105.4	99.5	96.0	93.8	91.1	87.0	82.4	99.7	113.3	VCL Database
Medium Truck Idle	MTrk_Idle	Lw			93.9	93.6	89.0	88.8	88.1	84.0	76.6	70.5	92.0	98.6	VCL measurement 60 dB at 15 m
Alliance Agri-Turf Mixer	AAT_Mixer	Lw		105.9	97.7	102.4	96.5	95.8	91.9	88.1	87.8	86.7	98.1	108.7	Sound Measurements 2023-10-05 (1230278)
Alliance Agri-Turf Bagger Steady Sound	AATSS_BAG	Lw		81.1	76.0	74.3	71.6	72.1	71.5	68.8	64.6	64.3	76.1	84.0	Sound Measurements 2023-10-05 (1230278)
Alliance Agri-Turf Forklift	AAT_FL	Lw		85.5	100.5	94.9	93.8	94.8	91.2	91.4	83.9	78.4	97.3	103.6	Sound Measurements 2023-10-05 (1230278)
Lennox CHA16-048	HVAC	Lw				87.0	82.0	77.0	76.0	72.0	67.0	65.0	81.1	88.9	Manufacturer's Data
ExhaustFan	ExhaustFan	Lw		0.0	79.0	75.0	69.0	68.0	67.0	64.0	61.0	58.0	71.9	81.3	1200302-300 - P1 Exhaust Fan (Cook 150SQN-B)
GEN	GEN	Lw		99.5	111.1	99.7	103.2	98.1	93.8	90.6	83.0	78.5	100.3	112.5	VCL - measured
RoofMUA_Casing	RoofMUA_Casing	Lw		0.0	52.0	78.0	83.0	88.0	88.0	86.0	86.0	82.0	93.2	93.9	1210508 - kitchen MUA
RoofMUA_Inlet	RoofMUA_Inlet	Lw		0.0	70.0	75.0	75.0	72.0	72.0	71.0	71.0	66.0	78.1	81.3	1210508 - kitchen MUA
RoofMUA	RoofMUA	Lw		0.0	86.0	92.0	87.0	83.0	79.0	75.0	71.0	66.0	85.4	94.5	1230296-000
Dust Collector	DustCollector	Lw		94.5	95.0	93.1	89.4	82.8	82.2	78.3	77.1	68.1	87.7	99.7	1230278-000 Sound Measurements
GEN	GEN	Lw		99.5	111.1	99.7	103.2	98.1	93.8	90.6	83.0	78.5	100.3	112.5	vcl measured

Calculation Configuration

Configuration	
Parameter	Value
General	
Max. Error (dB)	0.00
Max. Search Radius (#(Unit,LEN))	2000.00
Min. Dist Src to Rcvr	0.00
Partition	
Raster Factor	0.50
Max. Length of Section (#(Unit,LEN))	1000.00
Min. Length of Section (#(Unit,LEN))	1.00
Min. Length of Section (%)	0.00
Proj. Line Sources	On
Proj. Area Sources	On
Ref. Time	
Daytime Penalty (dB)	0.00
Recr. Time Penalty (dB)	0.00
Night-time Penalty (dB)	0.00
DTM	
Standard Height (m)	0.00
Model of Terrain	Triangulation
Reflection	
max. Order of Reflection	2
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rvcr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.10
Industrial (ISO 9613)	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	Excl. Ground Att. over Barrier
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature (#(Unit,TEMP))	10
rel. Humidity (%)	70
Ground Absorption G	1.00
Wind Speed for Dir. (#(Unit,SPEED))	3.0
Roads (TNM)	
Railways (FTA/FRA)	

Configuration	
Parameter	Value
Aircraft (???)	
Strictly acc. to AzB	

Receiver
Name: Sample Low-Rise Residential Blk
ID: R01
X: 17590564.35 m
Y: 4838871.29 m
Z: 7.50 m

Point Source, ISO 9613, Name: "GEN_Corteva", ID: "Cort_GEN"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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)
1	17591137.35	4838902.30	2.70	0	D	A	100.3	0.0	0.0	0.0	0.0	66.2	1.7	-0.6	0.0	0.0	5.6	0.0	0.0	27.5
1	17591137.35	4838902.30	2.70	0	N	A	100.3	0.0	-188.0	0.0	0.0	66.2	1.7	-0.6	0.0	0.0	5.6	0.0	0.0	-160.5
1	17591137.35	4838902.30	2.70	0	E	A	100.3	0.0	0.0	0.0	0.0	66.2	1.7	-0.6	0.0	0.0	5.6	0.0	0.0	27.5
3	17591137.35	4838902.30	2.70	1	D	A	100.3	0.0	0.0	0.0	0.0	67.4	1.9	-1.8	0.0	0.0	6.6	0.0	15.0	11.2
3	17591137.35	4838902.30	2.70	1	N	A	100.3	0.0	-188.0	0.0	0.0	67.4	1.9	-1.8	0.0	0.0	6.6	0.0	15.0	-176.8
3	17591137.35	4838902.30	2.70	1	E	A	100.3	0.0	0.0	0.0	0.0	67.4	1.9	-1.8	0.0	0.0	6.6	0.0	15.0	11.2

Point Source, ISO 9613, Name: "Corteva_RoofMUA", ID: "Cort_MUA03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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)
5	17591175.70	4838883.11	6.50	0	D	A	93.4	0.0	0.0	0.0	0.0	66.7	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.3
5	17591175.70	4838883.11	6.50	0	N	A	93.4	0.0	0.0	0.0	0.0	66.7	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.3
5	17591175.70	4838883.11	6.50	0	E	A	93.4	0.0	0.0	0.0	0.0	66.7	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.3

Point Source, ISO 9613, Name: "Corteva_RoofMUA", ID: "Cort_MUA01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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)
7	17591179.85	4838878.33	6.50	0	D	A	93.4	0.0	0.0	0.0	0.0	66.8	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.2
7	17591179.85	4838878.33	6.50	0	N	A	93.4	0.0	0.0	0.0	0.0	66.8	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.2
7	17591179.85	4838878.33	6.50	0	E	A	93.4	0.0	0.0	0.0	0.0	66.8	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.2

Point Source, ISO 9613, Name: "Corteva_RoofMUA", ID: "Cort_MUA02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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)
9	17591182.95	4838882.84	6.50	0	D	A	93.4	0.0	0.0	0.0	0.0	66.8	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.2
9	17591182.95	4838882.84	6.50	0	N	A	93.4	0.0	0.0	0.0	0.0	66.8	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.2
9	17591182.95	4838882.84	6.50	0	E	A	93.4	0.0	0.0	0.0	0.0	66.8	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.2

Point Source, ISO 9613, Name: "Corteva_MUA", ID: "Cort_MUA04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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)
11	17591186.41	4838864.78	6.50	0	D	A	93.4	0.0	0.0	0.0	0.0	66.9	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.1
11	17591186.41	4838864.78	6.50	0	N	A	93.4	0.0	0.0	0.0	0.0	66.9	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.1
11	17591186.41	4838864.78	6.50	0	E	A	93.4	0.0	0.0	0.0	0.0	66.9	4.4	-1.0	0.0	0.0	0.0	0.0	0.0	23.1

Point Source, ISO 9613, Name: "Corteva_fMUA", ID: "Cort_MUA05"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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)
13	17591194.71	4838861.94	6.50	0	D	A	93.4	0.0	0.0	0.0	0.0	67.0	4.4	-1.1	0.0	0.0	0.0	0.0	0.0	23.0
13	17591194.71	4838861.94	6.50	0	N	A	93.4	0.0	0.0	0.0	0.0	67.0	4.4	-1.1	0.0	0.0	0.0	0.0	0.0	23.0
13	17591194.71	4838861.94	6.50	0	E	A	93.4	0.0	0.0	0.0	0.0	67.0	4.4	-1.1	0.0	0.0	0.0	0.0	0.0	23.0

Area Source, ISO 9613, Name: "3 FEL", ID: "Walker_FEL01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/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)
15	17590817.15	4838474.63	2.40	0	D	A	58.6	38.6	0.0	0.0	0.0	64.4	1.4	0.4	0.0	0.0	0.0	0.0	0.0	31.0
15	17590817.15	4838474.63	2.40	0	N	A	53.9	38.6	-188.0	0.0	0.0	64.4	1.4	0.4	0.0	0.0	0.0	0.0	0.0	-161.7
15	17590817.15	4838474.63	2.40	0	E	A	53.9	38.6	-188.0	0.0	0.0	64.4	1.4	0.4	0.0	0.0	0.0	0.0	0.0	-161.7
17	17590755.10	4838529.97	2.40	0	D	A	58.6	38.6	0.0	0.0	0.0	62.8	1.2	0.5	0.0	0.0	0.0	0.0	0.0	32.7
17	17590755.10	4838529.97	2.40	0	N	A	53.9	38.6	-188.0	0.0	0.0	62.8	1.2	0.5	0.0	0.0	0.0	0.0	0.0	-160.0
17	17590755.10	4838529.97	2.40	0	E	A	53.9	38.6	-188.0	0.0	0.0	62.8	1.2	0.5	0.0	0.0	0.0	0.0	0.0	-160.0
35	17590695.19	4838548.09	2.40	0	D	A	58.6	37.4	0.0	0.0	0.0	61.8	1.1	0.5	0.0	0.0	0.0	0.0	0.0	32.6
35	17590695.19	4838548.09	2.40	0	N	A	53.9	37.4	-188.0	0.0	0.0	61.8	1.1	0.5	0.0	0.0	0.0	0.0	0.0	-160.1

Area Source, ISO 9613, Name: "3 FEL", ID: "Walker_FEL01"																				
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)
35	17590695.19	4838548.09	2.40	0	E	A	53.9	37.4	-188.0	0.0	0.0	61.8	1.1	0.5	0.0	0.0	0.0	0.0	0.0	-160.1
70	17590817.01	4838420.55	2.40	0	D	A	58.6	37.8	0.0	0.0	0.0	65.3	1.5	0.3	0.0	0.0	0.0	0.0	0.0	29.4
70	17590817.01	4838420.55	2.40	0	N	A	53.9	37.8	-188.0	0.0	0.0	65.3	1.5	0.3	0.0	0.0	0.0	0.0	0.0	-163.3
70	17590817.01	4838420.55	2.40	0	E	A	53.9	37.8	-188.0	0.0	0.0	65.3	1.5	0.3	0.0	0.0	0.0	0.0	0.0	-163.3
72	17590806.40	4838389.88	2.40	1	D	A	58.6	27.7	0.0	0.0	0.0	66.6	1.7	-0.1	0.0	0.0	0.0	0.0	34.0	-15.9
72	17590806.40	4838389.88	2.40	1	N	A	53.9	27.7	-188.0	0.0	0.0	66.6	1.7	-0.1	0.0	0.0	0.0	0.0	34.0	-208.6
72	17590806.40	4838389.88	2.40	1	E	A	53.9	27.7	-188.0	0.0	0.0	66.6	1.7	-0.1	0.0	0.0	0.0	0.0	34.0	-208.6
262	17590754.60	4838587.53	2.40	0	D	A	58.6	28.9	0.0	0.0	0.0	61.7	1.1	0.5	0.0	0.0	0.0	0.0	0.0	24.2
262	17590754.60	4838587.53	2.40	0	N	A	53.9	28.9	-188.0	0.0	0.0	61.7	1.1	0.5	0.0	0.0	0.0	0.0	0.0	-168.5
262	17590754.60	4838587.53	2.40	0	E	A	53.9	28.9	-188.0	0.0	0.0	61.7	1.1	0.5	0.0	0.0	0.0	0.0	0.0	-168.5
264	17590789.23	4838559.40	2.40	0	D	A	58.6	25.9	0.0	0.0	0.0	62.7	1.2	0.5	0.0	0.0	0.0	0.0	0.0	20.2
264	17590789.23	4838559.40	2.40	0	N	A	53.9	25.9	-188.0	0.0	0.0	62.7	1.2	0.5	0.0	0.0	0.0	0.0	0.0	-172.5
264	17590789.23	4838559.40	2.40	0	E	A	53.9	25.9	-188.0	0.0	0.0	62.7	1.2	0.5	0.0	0.0	0.0	0.0	0.0	-172.5
265	17590844.08	4838504.97	2.40	0	D	A	58.6	25.9	0.0	0.0	0.0	64.3	1.3	0.4	0.0	0.0	0.0	0.0	0.0	18.5
265	17590844.08	4838504.97	2.40	0	N	A	53.9	25.9	-188.0	0.0	0.0	64.3	1.3	0.4	0.0	0.0	0.0	0.0	0.0	-174.2
265	17590844.08	4838504.97	2.40	0	E	A	53.9	25.9	-188.0	0.0	0.0	64.3	1.3	0.4	0.0	0.0	0.0	0.0	0.0	-174.2
306	17590726.36	4838507.54	2.40	0	D	A	58.6	30.5	0.0	0.0	0.0	63.0	1.2	0.4	0.0	0.0	0.0	0.0	0.0	24.5
306	17590726.36	4838507.54	2.40	0	N	A	53.9	30.5	-188.0	0.0	0.0	63.0	1.2	0.4	0.0	0.0	0.0	0.0	0.0	-168.2
306	17590726.36	4838507.54	2.40	0	E	A	53.9	30.5	-188.0	0.0	0.0	63.0	1.2	0.4	0.0	0.0	0.0	0.0	0.0	-168.2
359	17590677.95	4838593.75	2.40	0	D	A	58.6	28.7	0.0	0.0	0.0	60.5	1.0	0.6	0.0	0.0	0.0	0.0	0.0	25.2
359	17590677.95	4838593.75	2.40	0	N	A	53.9	28.7	-188.0	0.0	0.0	60.5	1.0	0.6	0.0	0.0	0.0	0.0	0.0	-167.5
359	17590677.95	4838593.75	2.40	0	E	A	53.9	28.7	-188.0	0.0	0.0	60.5	1.0	0.6	0.0	0.0	0.0	0.0	0.0	-167.5
520	17590677.22	4838519.74	2.40	0	D	A	58.6	26.2	0.0	0.0	0.0	62.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0	20.8
520	17590677.22	4838519.74	2.40	0	N	A	53.9	26.2	-188.0	0.0	0.0	62.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0	-171.9
520	17590677.22	4838519.74	2.40	0	E	A	53.9	26.2	-188.0	0.0	0.0	62.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0	-171.9
624	17590711.67	4838442.09	2.40	0	D	A	58.6	26.9	0.0	0.0	0.0	64.1	1.3	0.4	0.0	0.0	0.0	0.0	0.0	19.7
624	17590711.67	4838442.09	2.40	0	N	A	53.9	26.9	-188.0	0.0	0.0	64.1	1.3	0.4	0.0	0.0	0.0	0.0	0.0	-173.0
624	17590711.67	4838442.09	2.40	0	E	A	53.9	26.9	-188.0	0.0	0.0	64.1	1.3	0.4	0.0	0.0	0.0	0.0	0.0	-173.0
633	17590725.94	4838442.53	2.40	0	D	A	58.6	26.7	0.0	0.0	0.0	64.2	1.3	0.4	0.0	0.0	0.0	0.0	0.0	19.4
633	17590725.94	4838442.53	2.40	0	N	A	53.9	26.7	-188.0	0.0	0.0	64.2	1.3	0.4	0.0	0.0	0.0	0.0	0.0	-173.3
633	17590725.94	4838442.53	2.40	0	E	A	53.9	26.7	-188.0	0.0	0.0	64.2	1.3	0.4	0.0	0.0	0.0	0.0	0.0	-173.3

Line Source, ISO 9613, Name: "GB Stone - 1 FEL", ID: "GB_FEL"																				
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)
19	17590938.26	4838344.46	1.00	0	D	A	86.0	18.7	0.0	0.0	0.0	67.2	2.2	2.5	0.0	0.0	0.0	0.0	0.0	32.8
19	17590938.26	4838344.46	1.00	0	N	A	86.0	18.7	-188.0	0.0	0.0	67.2	2.2	2.5	0.0	0.0	0.0	0.0	0.0	-155.2
19	17590938.26	4838344.46	1.00	0	E	A	86.0	18.7	-188.0	0.0	0.0	67.2	2.2	2.5	0.0	0.0	0.0	0.0	0.0	-155.2
25	17590985.59	4838351.61	1.00	0	D	A	86.0	17.8	0.0	0.0	0.0	67.5	2.3	-1.7	0.0	0.0	0.0	0.0	0.0	35.6
25	17590985.59	4838351.61	1.00	0	N	A	86.0	17.8	-188.0	0.0	0.0	67.5	2.3	-1.7	0.0	0.0	0.0	0.0	0.0	-152.4
25	17590985.59	4838351.61	1.00	0	E	A	86.0	17.8	-188.0	0.0	0.0	67.5	2.3	-1.7	0.0	0.0	0.0	0.0	0.0	-152.4

Area Source, ISO 9613, Name: "3 FEL", ID: "Walker_FEL02"																				
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)
21	17590556.84	4838490.17	2.40	0	D	A	59.8	38.7	0.0	0.0	0.0	62.6	1.2	0.5	0.0	0.0	0.0	0.0	0.0	34.2
21	17590556.84	4838490.17	2.40	0	N	A	55.1	38.7	-188.0	0.0	0.0	62.6	1.2	0.5	0.0	0.0	0.0	0.0	0.0	-158.5
21	17590556.84	4838490.17	2.40	0	E	A	55.1	38.7	-188.0	0.0	0.0	62.6	1.2	0.5	0.0	0.0	0.0	0.0	0.0	-158.5
23	17590586.47	4838417.25	2.40	1	D	A	59.8	24.9	0.0	0.0	0.0	65.7	1.5	-0.4	0.0	0.0	0.0	0.0	15.2	2.8
23	17590586.47	4838417.25	2.40	1	N	A	55.1	24.9	-188.0	0.0	0.0	65.7	1.5	-0.4	0.0	0.0	0.0	0.0	15.2	-189.9
23	17590586.47	4838417.25	2.40	1	E	A	55.1	24.9	-188.0	0.0	0.0	65.7	1.5	-0.4	0.0	0.0	0.0	0.0	15.2	-189.9
31	17590615.76	4838471.47	2.40	0	D	A	59.8	37.3	0.0	0.0	0.0	63.1	1.2	0.4	0.0	0.0	0.0	0.0	0.0	32.4
31	17590615.76	4838471.47	2.40	0	N	A	55.1	37.3	-188.0	0.0	0.0	63.1	1.2	0.4	0.0	0.0	0.0	0.0	0.0	-160.3
31	17590615.76	4838471.47	2.40	0	E	A	55.1	37.3	-188.0	0.0	0.0	63.1	1.2	0.4	0.0	0.0	0.0	0.0	0.0	-160.3
33	17590603.08	4838416.73	2.40	1	D	A	59.8	25.8	0.0	0.0	0.0	65.4	1.5	-0.4	0.0	0.0	0.0	0.0	15.0	4.1
33	17590603.08	4838416.73	2.40	1	N	A	55.1	25.8	-188.0	0.0	0.0	65.4	1.5	-0.4	0.0	0.0	0.0	0.0	15.0	-188.6
33	17590603.08	4838416.73	2.40	1	E	A	55.1	25.8	-188.0	0.0	0.0	65.4	1.5	-0.4	0.0	0.0	0.0	0.0	15.0	-188.6
37	17590526.61	4838452.67	2.40	0	D	A	59.8	36.5	0.0	0.0	0.0	63.5	1.3	0.4	0.0	0.0	0.0	0.0	0.0	31.1
37	17590526.61	4838452.67	2.40	0	N	A	55.1	36.5	-188.0	0.0	0.0	63.5	1.3	0.4	0.0	0.0	0.0	0.0	0.0	-161.6
37	17590526.61	4838452.67	2.40	0	E	A	55.1	36.5	-188.0	0.0	0.0	63.5	1.3	0.4	0.0	0.0	0.0	0.0	0.0	-161.6
39	17590558.14	4838418.14	2.40	1	D	A	59.8	29.4	0.0	0.0	0.0	66.1	1.6	-0.2	0.0	0.0	0.0	0.0	33.2	-11.5
39	17590558.14	4838418.14	2.40	1	N	A	55.1	29.4	-188.0	0.0	0.0	66.1	1.6	-0.2	0.0	0.0	0.0	0.0	33.2	-204.2
39	17590558.14	4838418.14	2.40	1	E	A	55.1	29.4	-188.0	0.0	0.0	66.1	1.6	-0.2	0.0	0.0	0.0	0.0	33.2	-204.2

Area Source, ISO 9613, Name: "3 FEL", ID: "Walker_FEL02"																				
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)
97	17590568.75	4838378.23	2.40	0	D	A	59.8	35.4	0.0	0.0	0.0	64.9	1.4	0.3	0.0	0.0	0.0	0.0	0.0	28.6
97	17590568.75	4838378.23	2.40	0	N	A	55.1	35.4	-188.0	0.0	0.0	64.9	1.4	0.3	0.0	0.0	0.0	0.0	0.0	-164.1
97	17590568.75	4838378.23	2.40	0	E	A	55.1	35.4	-188.0	0.0	0.0	64.9	1.4	0.3	0.0	0.0	0.0	0.0	0.0	-164.1
99	17590539.85	4838402.81	2.40	1	D	A	59.8	30.4	0.0	0.0	0.0	66.4	1.6	0.2	0.0	0.0	0.0	0.0	33.7	-11.7
99	17590539.85	4838402.81	2.40	1	N	A	55.1	30.4	-188.0	0.0	0.0	66.4	1.6	0.2	0.0	0.0	0.0	0.0	33.7	-204.4
99	17590539.85	4838402.81	2.40	1	E	A	55.1	30.4	-188.0	0.0	0.0	66.4	1.6	0.2	0.0	0.0	0.0	0.0	33.7	-204.4
277	17590534.86	4838544.00	2.40	0	D	A	59.8	31.1	0.0	0.0	0.0	61.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0	28.0
277	17590534.86	4838544.00	2.40	0	N	A	55.1	31.1	-188.0	0.0	0.0	61.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0	-164.7
277	17590534.86	4838544.00	2.40	0	E	A	55.1	31.1	-188.0	0.0	0.0	61.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0	-164.7
472	17590571.75	4838400.17	2.40	0	D	A	59.8	29.8	0.0	0.0	0.0	64.5	1.4	0.4	0.0	0.0	0.0	0.0	0.0	23.4
472	17590571.75	4838400.17	2.40	0	N	A	55.1	29.8	-188.0	0.0	0.0	64.5	1.4	0.4	0.0	0.0	0.0	0.0	0.0	-169.3
472	17590571.75	4838400.17	2.40	0	E	A	55.1	29.8	-188.0	0.0	0.0	64.5	1.4	0.4	0.0	0.0	0.0	0.0	0.0	-169.3
474	17590553.34	4838409.54	2.40	1	D	A	59.8	27.1	0.0	0.0	0.0	66.2	1.6	0.1	0.0	0.0	0.0	0.0	33.3	-14.2
474	17590553.34	4838409.54	2.40	1	N	A	55.1	27.1	-188.0	0.0	0.0	66.2	1.6	0.1	0.0	0.0	0.0	0.0	33.3	-206.9
474	17590553.34	4838409.54	2.40	1	E	A	55.1	27.1	-188.0	0.0	0.0	66.2	1.6	0.1	0.0	0.0	0.0	0.0	33.3	-206.9
477	17590586.64	4838394.04	2.40	1	D	A	59.8	23.5	0.0	0.0	0.0	65.7	1.5	0.2	0.0	0.0	0.0	0.0	15.0	0.9
477	17590586.64	4838394.04	2.40	1	N	A	55.1	23.5	-188.0	0.0	0.0	65.7	1.5	0.2	0.0	0.0	0.0	0.0	15.0	-191.8
477	17590586.64	4838394.04	2.40	1	E	A	55.1	23.5	-188.0	0.0	0.0	65.7	1.5	0.2	0.0	0.0	0.0	0.0	15.0	-191.8
483	17590488.75	4838484.28	2.40	0	D	A	59.8	26.7	0.0	0.0	0.0	62.9	1.2	0.5	0.0	0.0	0.0	0.0	0.0	21.9
483	17590488.75	4838484.28	2.40	0	N	A	55.1	26.7	-188.0	0.0	0.0	62.9	1.2	0.5	0.0	0.0	0.0	0.0	0.0	-170.8
483	17590488.75	4838484.28	2.40	0	E	A	55.1	26.7	-188.0	0.0	0.0	62.9	1.2	0.5	0.0	0.0	0.0	0.0	0.0	-170.8

Area Source, ISO 9613, Name: "1 Screener", ID: "Walker_Screener01"																				
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)
27	17590817.15	4838474.63	2.40	0	D	A	55.2	38.6	0.0	0.0	0.0	64.4	2.0	0.9	0.0	0.0	0.0	0.0	0.0	26.5
27	17590817.15	4838474.63	2.40	0	N	A	55.2	38.6	-188.0	0.0	0.0	64.4	2.0	0.9	0.0	0.0	0.0	0.0	0.0	-161.5
27	17590817.15	4838474.63	2.40	0	E	A	55.2	38.6	-188.0	0.0	0.0	64.4	2.0	0.9	0.0	0.0	0.0	0.0	0.0	-161.5
29	17590755.10	4838529.97	2.40	0	D	A	55.2	38.6	0.0	0.0	0.0	62.8	1.7	0.8	0.0	0.0	0.0	0.0	0.0	28.4
29	17590755.10	4838529.97	2.40	0	N	A	55.2	38.6	-188.0	0.0	0.0	62.8	1.7	0.8	0.0	0.0	0.0	0.0	0.0	-159.6
29	17590755.10	4838529.97	2.40	0	E	A	55.2	38.6	-188.0	0.0	0.0	62.8	1.7	0.8	0.0	0.0	0.0	0.0	0.0	-159.6
68	17590695.19	4838548.09	2.40	0	D	A	55.2	37.4	0.0	0.0	0.0	61.8	1.6	0.8	0.0	0.0	0.0	0.0	0.0	28.3
68	17590695.19	4838548.09	2.40	0	N	A	55.2	37.4	-188.0	0.0	0.0	61.8	1.6	0.8	0.0	0.0	0.0	0.0	0.0	-159.7
68	17590695.19	4838548.09	2.40	0	E	A	55.2	37.4	-188.0	0.0	0.0	61.8	1.6	0.8	0.0	0.0	0.0	0.0	0.0	-159.7
308	17590817.01	4838420.55	2.40	0	D	A	55.2	37.8	0.0	0.0	0.0	65.3	2.1	0.9	0.0	0.0	0.0	0.0	0.0	24.7
308	17590817.01	4838420.55	2.40	0	N	A	55.2	37.8	-188.0	0.0	0.0	65.3	2.1	0.9	0.0	0.0	0.0	0.0	0.0	-163.3
308	17590817.01	4838420.55	2.40	0	E	A	55.2	37.8	-188.0	0.0	0.0	65.3	2.1	0.9	0.0	0.0	0.0	0.0	0.0	-163.3
310	17590806.40	4838389.88	2.40	1	D	A	55.2	27.7	0.0	0.0	0.0	66.6	2.4	0.5	0.0	0.0	0.0	0.0	30.2	-16.8
310	17590806.40	4838389.88	2.40	1	N	A	55.2	27.7	-188.0	0.0	0.0	66.6	2.4	0.5	0.0	0.0	0.0	0.0	30.2	-204.8
310	17590806.40	4838389.88	2.40	1	E	A	55.2	27.7	-188.0	0.0	0.0	66.6	2.4	0.5	0.0	0.0	0.0	0.0	30.2	-204.8
415	17590754.60	4838587.53	2.40	0	D	A	55.2	28.9	0.0	0.0	0.0	61.7	1.6	0.8	0.0	0.0	0.0	0.0	0.0	20.0
415	17590754.60	4838587.53	2.40	0	N	A	55.2	28.9	-188.0	0.0	0.0	61.7	1.6	0.8	0.0	0.0	0.0	0.0	0.0	-168.0
415	17590754.60	4838587.53	2.40	0	E	A	55.2	28.9	-188.0	0.0	0.0	61.7	1.6	0.8	0.0	0.0	0.0	0.0	0.0	-168.0
417	17590789.23	4838559.40	2.40	0	D	A	55.2	25.9	0.0	0.0	0.0	62.7	1.7	0.8	0.0	0.0	0.0	0.0	0.0	15.8
417	17590789.23	4838559.40	2.40	0	N	A	55.2	25.9	-188.0	0.0	0.0	62.7	1.7	0.8	0.0	0.0	0.0	0.0	0.0	-172.2
417	17590789.23	4838559.40	2.40	0	E	A	55.2	25.9	-188.0	0.0	0.0	62.7	1.7	0.8	0.0	0.0	0.0	0.0	0.0	-172.2
419	17590844.08	4838504.97	2.40	0	D	A	55.2	25.9	0.0	0.0	0.0	64.3	2.0	0.8	0.0	0.0	0.0	0.0	0.0	14.0
419	17590844.08	4838504.97	2.40	0	N	A	55.2	25.9	-188.0	0.0	0.0	64.3	2.0	0.8	0.0	0.0	0.0	0.0	0.0	-174.0
419	17590844.08	4838504.97	2.40	0	E	A	55.2	25.9	-188.0	0.0	0.0	64.3	2.0	0.8	0.0	0.0	0.0	0.0	0.0	-174.0
479	17590726.36	4838507.54	2.40	0	D	A	55.2	30.5	0.0	0.0	0.0	63.0	1.8	0.8	0.0	0.0	0.0	0.0	0.0	20.2
479	17590726.36	4838507.54	2.40	0	N	A	55.2	30.5	-188.0	0.0	0.0	63.0	1.8	0.8	0.0	0.0	0.0	0.0	0.0	-167.8
479	17590726.36	4838507.54	2.40	0	E	A	55.2	30.5	-188.0	0.0	0.0	63.0	1.8	0.8	0.0	0.0	0.0	0.0	0.0	-167.8
530	17590677.95	4838593.75	2.40	0	D	A	55.2	28.7	0.0	0.0	0.0	60.5	1.4	0.8	0.0	0.0	0.0	0.0	0.0	21.1
530	17590677.95	4838593.75	2.40	0	N	A	55.2	28.7	-188.0	0.0	0.0	60.5	1.4	0.8	0.0	0.0	0.0	0.0	0.0	-166.9
530	17590677.95	4838593.75	2.40	0	E	A	55.2	28.7	-188.0	0.0	0.0	60.5	1.4	0.8	0.0	0.0	0.0	0.0	0.0	-166.9
696	17590677.22	4838519.74	2.40	0	D	A	55.2	26.2	0.0	0.0	0.0	62.3	1.7	0.8	0.0	0.0	0.0	0.0	0.0	16.5
696	17590677.22	4838519.74	2.40	0	N	A	55.2	26.2	-188.0	0.0	0.0	62.3	1.7	0.8	0.0	0.0	0.0	0.0	0.0	-171.5
696	17590677.22	4838519.74	2.40	0	E	A	55.2	26.2	-188.0	0.0	0.0	62.3	1.7	0.8	0.0	0.0	0.0	0.0	0.0	-171.5
760	17590711.67	4838442.09	2.40	0	D	A	55.2	26.9	0.0	0.0	0.0	64.1	1.9	0.8	0.0	0.0	0.0	0.0	0.0	15.1
760	17590711.67	4838442.09	2.40	0	N	A	55.2	26.9	-188.0	0.0	0.0	64.1	1.9	0.8	0.0	0.0	0.0	0.0	0.0	-172.9
760	17590711.67	4838442.09	2.40	0	E	A	55.2	26.9	-188.0	0.0	0.0	64.1	1.9	0.8	0.0	0.0	0.0	0.0	0.0	-172.9
766	17590725.94	4838442.53	2.40	0	D	A	55.2	26.7	0.0	0.0	0.0	64.2	2.0	0.8	0.0	0.0	0.0	0.0	0.0	14.8
766	17590725.94	4838442.53	2.40	0	N	A	55.2	26.7	-188.0	0.0	0.0	64.2	2.0	0.8	0.0	0.0	0.0	0.0	0.0	-173.2

Area Source, ISO 9613, Name: "1 Screener", ID: "Walker_Screener01"																				
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)
766	17590725.94	4838442.53	2.40	0	E	A	55.2	26.7	-188.0	0.0	0.0	64.2	2.0	0.8	0.0	0.0	0.0	0.0	0.0	-173.2

Area Source, ISO 9613, Name: "3 FEL", ID: "Walker_FEL03"																				
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)
41	17590687.12	4838302.39	2.40	0	D	A	61.3	31.9	0.0	0.0	0.0	66.3	1.6	0.1	0.0	0.0	4.7	0.0	0.0	20.5
41	17590687.12	4838302.39	2.40	0	N	A	56.6	31.9	-188.0	0.0	0.0	66.3	1.6	0.1	0.0	0.0	4.7	0.0	0.0	-172.2
41	17590687.12	4838302.39	2.40	0	E	A	56.6	31.9	-188.0	0.0	0.0	66.3	1.6	0.1	0.0	0.0	4.7	0.0	0.0	-172.2
43	17590702.93	4838314.88	2.40	0	D	A	61.3	29.5	0.0	0.0	0.0	66.2	1.6	-0.0	0.0	0.0	3.2	0.0	0.0	19.8
43	17590702.93	4838314.88	2.40	0	N	A	56.6	29.5	-188.0	0.0	0.0	66.2	1.6	-0.0	0.0	0.0	3.2	0.0	0.0	-172.9
43	17590702.93	4838314.88	2.40	0	E	A	56.6	29.5	-188.0	0.0	0.0	66.2	1.6	-0.0	0.0	0.0	3.2	0.0	0.0	-172.9
45	17590750.63	4838306.26	2.40	0	D	A	61.3	36.3	0.0	0.0	0.0	66.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	29.3
45	17590750.63	4838306.26	2.40	0	N	A	56.6	36.3	-188.0	0.0	0.0	66.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	-163.4
45	17590750.63	4838306.26	2.40	0	E	A	56.6	36.3	-188.0	0.0	0.0	66.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	-163.4
47	17590686.54	4838281.81	2.40	1	D	A	61.3	27.0	0.0	0.0	0.0	69.1	2.1	0.0	0.0	0.0	0.0	0.0	40.5	-23.5
47	17590686.54	4838281.81	2.40	1	N	A	56.6	27.0	-188.0	0.0	0.0	69.1	2.1	0.0	0.0	0.0	0.0	0.0	40.5	-216.2
47	17590686.54	4838281.81	2.40	1	E	A	56.6	27.0	-188.0	0.0	0.0	69.1	2.1	0.0	0.0	0.0	0.0	0.0	40.5	-216.2
49	17590705.65	4838291.54	2.40	1	D	A	61.3	29.7	0.0	0.0	0.0	69.0	2.0	0.0	0.0	0.0	0.0	0.0	17.2	2.7
49	17590705.65	4838291.54	2.40	1	N	A	56.6	29.7	-188.0	0.0	0.0	69.0	2.0	0.0	0.0	0.0	0.0	0.0	17.2	-190.0
49	17590705.65	4838291.54	2.40	1	E	A	56.6	29.7	-188.0	0.0	0.0	69.0	2.0	0.0	0.0	0.0	0.0	0.0	17.2	-190.0
55	17590693.99	4838358.30	2.40	0	D	A	61.3	19.6	0.0	0.0	0.0	65.5	1.5	-0.8	0.0	0.0	3.4	0.0	0.0	11.2
55	17590693.99	4838358.30	2.40	0	N	A	56.6	19.6	-188.0	0.0	0.0	65.5	1.5	-0.8	0.0	0.0	3.4	0.0	0.0	-181.5
55	17590693.99	4838358.30	2.40	0	E	A	56.6	19.6	-188.0	0.0	0.0	65.5	1.5	-0.8	0.0	0.0	3.4	0.0	0.0	-181.5
56	17590717.39	4838363.07	2.40	0	D	A	61.3	31.8	0.0	0.0	0.0	65.5	1.5	-0.2	0.0	0.0	0.0	0.0	0.0	26.3
56	17590717.39	4838363.07	2.40	0	N	A	56.6	31.8	-188.0	0.0	0.0	65.5	1.5	-0.2	0.0	0.0	0.0	0.0	0.0	-166.4
56	17590717.39	4838363.07	2.40	0	E	A	56.6	31.8	-188.0	0.0	0.0	65.5	1.5	-0.2	0.0	0.0	0.0	0.0	0.0	-166.4
58	17590764.99	4838340.48	2.40	0	D	A	61.3	34.3	0.0	0.0	0.0	66.1	1.6	-0.2	0.0	0.0	0.0	0.0	0.0	28.2
58	17590764.99	4838340.48	2.40	0	N	A	56.6	34.3	-188.0	0.0	0.0	66.1	1.6	-0.2	0.0	0.0	0.0	0.0	0.0	-164.5
58	17590764.99	4838340.48	2.40	0	E	A	56.6	34.3	-188.0	0.0	0.0	66.1	1.6	-0.2	0.0	0.0	0.0	0.0	0.0	-164.5
331	17590750.05	4838272.75	2.40	0	D	A	61.3	33.3	0.0	0.0	0.0	66.9	1.7	0.2	0.0	0.0	0.0	0.0	0.0	25.8
331	17590750.05	4838272.75	2.40	0	N	A	56.6	33.3	-188.0	0.0	0.0	66.9	1.7	0.2	0.0	0.0	0.0	0.0	0.0	-166.9
331	17590750.05	4838272.75	2.40	0	E	A	56.6	33.3	-188.0	0.0	0.0	66.9	1.7	0.2	0.0	0.0	0.0	0.0	0.0	-166.9
333	17590728.53	4838267.83	2.40	1	D	A	61.3	28.9	0.0	0.0	0.0	68.6	2.0	0.1	0.0	0.0	0.0	0.0	16.9	2.6
333	17590728.53	4838267.83	2.40	1	N	A	56.6	28.9	-188.0	0.0	0.0	68.6	2.0	0.1	0.0	0.0	0.0	0.0	16.9	-190.1
333	17590728.53	4838267.83	2.40	1	E	A	56.6	28.9	-188.0	0.0	0.0	68.6	2.0	0.1	0.0	0.0	0.0	0.0	16.9	-190.1
335	17590700.01	4838267.90	2.40	1	D	A	61.3	23.1	0.0	0.0	0.0	68.9	2.0	0.0	0.0	0.0	0.0	0.0	17.2	-3.8
335	17590700.01	4838267.90	2.40	1	N	A	56.6	23.1	-188.0	0.0	0.0	68.9	2.0	0.0	0.0	0.0	0.0	0.0	17.2	-196.5
335	17590700.01	4838267.90	2.40	1	E	A	56.6	23.1	-188.0	0.0	0.0	68.9	2.0	0.0	0.0	0.0	0.0	0.0	17.2	-196.5
337	17590754.91	4838273.03	2.40	1	D	A	61.3	27.4	0.0	0.0	0.0	68.4	1.9	0.1	0.0	0.0	0.0	0.0	16.8	1.5
337	17590754.91	4838273.03	2.40	1	N	A	56.6	27.4	-188.0	0.0	0.0	68.4	1.9	0.1	0.0	0.0	0.0	0.0	16.8	-191.2
337	17590754.91	4838273.03	2.40	1	E	A	56.6	27.4	-188.0	0.0	0.0	68.4	1.9	0.1	0.0	0.0	0.0	0.0	16.8	-191.2
423	17590711.72	4838250.87	2.40	0	D	A	61.3	31.8	0.0	0.0	0.0	67.1	1.7	0.0	0.0	0.0	3.6	0.0	0.0	20.7
423	17590711.72	4838250.87	2.40	0	N	A	56.6	31.8	-188.0	0.0	0.0	67.1	1.7	0.0	0.0	0.0	3.6	0.0	0.0	-172.0
423	17590711.72	4838250.87	2.40	0	E	A	56.6	31.8	-188.0	0.0	0.0	67.1	1.7	0.0	0.0	0.0	3.6	0.0	0.0	-172.0
425	17590710.08	4838250.08	2.40	1	D	A	61.3	31.0	0.0	0.0	0.0	68.8	2.0	0.1	0.0	0.0	0.0	0.0	17.0	4.4
425	17590710.08	4838250.08	2.40	1	N	A	56.6	31.0	-188.0	0.0	0.0	68.8	2.0	0.1	0.0	0.0	0.0	0.0	17.0	-188.3
425	17590710.08	4838250.08	2.40	1	E	A	56.6	31.0	-188.0	0.0	0.0	68.8	2.0	0.1	0.0	0.0	0.0	0.0	17.0	-188.3
427	17590720.06	4838259.80	2.40	1	D	A	61.3	23.4	0.0	0.0	0.0	68.7	2.0	0.1	0.0	0.0	0.0	0.0	17.0	-3.1
427	17590720.06	4838259.80	2.40	1	N	A	56.6	23.4	-188.0	0.0	0.0	68.7	2.0	0.1	0.0	0.0	0.0	0.0	17.0	-195.8
427	17590720.06	4838259.80	2.40	1	E	A	56.6	23.4	-188.0	0.0	0.0	68.7	2.0	0.1	0.0	0.0	0.0	0.0	17.0	-195.8
429	17590786.35	4838257.72	2.40	0	D	A	61.3	32.2	0.0	0.0	0.0	67.3	1.8	0.1	0.0	0.0	0.0	0.0	0.0	24.2
429	17590786.35	4838257.72	2.40	0	N	A	56.6	32.2	-188.0	0.0	0.0	67.3	1.8	0.1	0.0	0.0	0.0	0.0	0.0	-168.5
429	17590786.35	4838257.72	2.40	0	E	A	56.6	32.2	-188.0	0.0	0.0	67.3	1.8	0.1	0.0	0.0	0.0	0.0	0.0	-168.5
431	17590771.67	4838241.98	2.40	1	D	A	61.3	25.7	0.0	0.0	0.0	68.0	1.9	0.1	0.0	0.0	0.0	0.0	8.6	8.5
431	17590771.67	4838241.98	2.40	1	N	A	56.6	25.7	-188.0	0.0	0.0	68.0	1.9	0.1	0.0	0.0	0.0	0.0	8.6	-184.2
431	17590771.67	4838241.98	2.40	1	E	A	56.6	25.7	-188.0	0.0	0.0	68.0	1.9	0.1	0.0	0.0	0.0	0.0	8.6	-184.2
433	17590775.58	4838252.99	2.40	1	D	A	61.3	26.8	0.0	0.0	0.0	68.0	1.9	0.1	0.0	0.0	0.0	0.0	8.6	9.6
433	17590775.58	4838252.99	2.40	1	N	A	56.6	26.8	-188.0	0.0	0.0	68.0	1.9	0.1	0.0	0.0	0.0	0.0	8.6	-183.1
433	17590775.58	4838252.99	2.40	1	E	A	56.6	26.8	-188.0	0.0	0.0	68.0	1.9	0.1	0.0	0.0	0.0	0.0	8.6	-183.1
435	17590788.82	4838261.09	2.40	1	D	A	61.3	25.7	0.0	0.0	0.0	68.0	1.9	-0.1	0.0	0.0	0.0	0.0	8.6	8.7
435	17590788.82	4838261.09	2.40	1	N	A	56.6	25.7	-188.0	0.0	0.0	68.0	1.9	-0.1	0.0	0.0	0.0	0.0	8.6	-184.0
435	17590788.82	4838261.09	2.40	1	E	A	56.6	25.7	-188.0	0.0	0.0	68.0	1.9	-0.1	0.0	0.0	0.0	0.0	8.6	-184.0
644	17590675.00	4838316.02	2.40	0	D	A	61.3	25.5	0.0	0.0	0.0	66.1	1.6	-0.2	0.0	0.0	5.0	0.0	0.0	14.4

Area Source, ISO 9613, Name: "3 FEL", ID: "Walker_FEL03"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
644	17590675.00	4838316.02	2.40	0	N	A	56.6	25.5	-188.0	0.0	0.0	66.1	1.6	-0.2	0.0	0.0	5.0	0.0	0.0	-178.3
644	17590675.00	4838316.02	2.40	0	E	A	56.6	25.5	-188.0	0.0	0.0	66.1	1.6	-0.2	0.0	0.0	5.0	0.0	0.0	-178.3

Area Source, ISO 9613, Name: "1 Screener", ID: "Walker_Screener02"																				
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)
51	17590556.84	4838490.17	2.40	0	D	A	56.4	38.7	0.0	0.0	0.0	62.6	1.7	0.8	0.0	0.0	0.0	0.0	0.0	29.9
51	17590556.84	4838490.17	2.40	0	N	A	56.4	38.7	-188.0	0.0	0.0	62.6	1.7	0.8	0.0	0.0	0.0	0.0	0.0	-158.1
51	17590556.84	4838490.17	2.40	0	E	A	56.4	38.7	-188.0	0.0	0.0	62.6	1.7	0.8	0.0	0.0	0.0	0.0	0.0	-158.1
53	17590586.47	4838417.25	2.40	1	D	A	56.4	24.9	0.0	0.0	0.0	65.7	2.2	0.0	0.0	0.0	0.0	0.0	11.2	2.1
53	17590586.47	4838417.25	2.40	1	N	A	56.4	24.9	-188.0	0.0	0.0	65.7	2.2	0.0	0.0	0.0	0.0	0.0	11.2	-185.9
53	17590586.47	4838417.25	2.40	1	E	A	56.4	24.9	-188.0	0.0	0.0	65.7	2.2	0.0	0.0	0.0	0.0	0.0	11.2	-185.9
60	17590615.76	4838471.47	2.40	0	D	A	56.4	37.3	0.0	0.0	0.0	63.1	1.8	0.8	0.0	0.0	0.0	0.0	0.0	28.0
60	17590615.76	4838471.47	2.40	0	N	A	56.4	37.3	-188.0	0.0	0.0	63.1	1.8	0.8	0.0	0.0	0.0	0.0	0.0	-160.0
60	17590615.76	4838471.47	2.40	0	E	A	56.4	37.3	-188.0	0.0	0.0	63.1	1.8	0.8	0.0	0.0	0.0	0.0	0.0	-160.0
62	17590603.08	4838416.73	2.40	1	D	A	56.4	25.8	0.0	0.0	0.0	65.4	2.2	0.0	0.0	0.0	0.0	0.0	11.1	3.4
62	17590603.08	4838416.73	2.40	1	N	A	56.4	25.8	-188.0	0.0	0.0	65.4	2.2	0.0	0.0	0.0	0.0	0.0	11.1	-184.6
62	17590603.08	4838416.73	2.40	1	E	A	56.4	25.8	-188.0	0.0	0.0	65.4	2.2	0.0	0.0	0.0	0.0	0.0	11.1	-184.6
186	17590526.61	4838452.67	2.40	0	D	A	56.4	36.5	0.0	0.0	0.0	63.5	1.8	0.8	0.0	0.0	0.0	0.0	0.0	26.7
186	17590526.61	4838452.67	2.40	0	N	A	56.4	36.5	-188.0	0.0	0.0	63.5	1.8	0.8	0.0	0.0	0.0	0.0	0.0	-161.3
186	17590526.61	4838452.67	2.40	0	E	A	56.4	36.5	-188.0	0.0	0.0	63.5	1.8	0.8	0.0	0.0	0.0	0.0	0.0	-161.3
188	17590558.14	4838418.14	2.40	1	D	A	56.4	29.4	0.0	0.0	0.0	66.1	2.3	0.3	0.0	0.0	0.0	0.0	29.4	-12.4
188	17590558.14	4838418.14	2.40	1	N	A	56.4	29.4	-188.0	0.0	0.0	66.1	2.3	0.3	0.0	0.0	0.0	0.0	29.4	-200.4
188	17590558.14	4838418.14	2.40	1	E	A	56.4	29.4	-188.0	0.0	0.0	66.1	2.3	0.3	0.0	0.0	0.0	0.0	29.4	-200.4
339	17590568.75	4838378.23	2.40	0	D	A	56.4	35.4	0.0	0.0	0.0	64.9	2.1	0.9	0.0	0.0	0.0	0.0	0.0	24.0
339	17590568.75	4838378.23	2.40	0	N	A	56.4	35.4	-188.0	0.0	0.0	64.9	2.1	0.9	0.0	0.0	0.0	0.0	0.0	-164.0
339	17590568.75	4838378.23	2.40	0	E	A	56.4	35.4	-188.0	0.0	0.0	64.9	2.1	0.9	0.0	0.0	0.0	0.0	0.0	-164.0
341	17590539.85	4838402.81	2.40	1	D	A	56.4	30.4	0.0	0.0	0.0	66.4	2.4	0.8	0.0	0.0	0.0	0.0	29.9	-12.7
341	17590539.85	4838402.81	2.40	1	N	A	56.4	30.4	-188.0	0.0	0.0	66.4	2.4	0.8	0.0	0.0	0.0	0.0	29.9	-200.7
341	17590539.85	4838402.81	2.40	1	E	A	56.4	30.4	-188.0	0.0	0.0	66.4	2.4	0.8	0.0	0.0	0.0	0.0	29.9	-200.7
421	17590534.86	4838544.00	2.40	0	D	A	56.4	31.1	0.0	0.0	0.0	61.3	1.5	0.8	0.0	0.0	0.0	0.0	0.0	23.8
421	17590534.86	4838544.00	2.40	0	N	A	56.4	31.1	-188.0	0.0	0.0	61.3	1.5	0.8	0.0	0.0	0.0	0.0	0.0	-164.2
421	17590534.86	4838544.00	2.40	0	E	A	56.4	31.1	-188.0	0.0	0.0	61.3	1.5	0.8	0.0	0.0	0.0	0.0	0.0	-164.2
582	17590571.75	4838400.17	2.40	0	D	A	56.4	29.8	0.0	0.0	0.0	64.5	2.0	0.9	0.0	0.0	0.0	0.0	0.0	18.8
582	17590571.75	4838400.17	2.40	0	N	A	56.4	29.8	-188.0	0.0	0.0	64.5	2.0	0.9	0.0	0.0	0.0	0.0	0.0	-169.2
582	17590571.75	4838400.17	2.40	0	E	A	56.4	29.8	-188.0	0.0	0.0	64.5	2.0	0.9	0.0	0.0	0.0	0.0	0.0	-169.2
584	17590553.34	4838409.54	2.40	1	D	A	56.4	27.1	0.0	0.0	0.0	66.2	2.3	0.7	0.0	0.0	0.0	0.0	29.5	-15.2
584	17590553.34	4838409.54	2.40	1	N	A	56.4	27.1	-188.0	0.0	0.0	66.2	2.3	0.7	0.0	0.0	0.0	0.0	29.5	-203.2
584	17590553.34	4838409.54	2.40	1	E	A	56.4	27.1	-188.0	0.0	0.0	66.2	2.3	0.7	0.0	0.0	0.0	0.0	29.5	-203.2
586	17590586.64	4838394.04	2.40	1	D	A	56.4	23.5	0.0	0.0	0.0	65.7	2.2	0.7	0.0	0.0	0.0	0.0	11.0	0.3
586	17590586.64	4838394.04	2.40	1	N	A	56.4	23.5	-188.0	0.0	0.0	65.7	2.2	0.7	0.0	0.0	0.0	0.0	11.0	-187.7
586	17590586.64	4838394.04	2.40	1	E	A	56.4	23.5	-188.0	0.0	0.0	65.7	2.2	0.7	0.0	0.0	0.0	0.0	11.0	-187.7
665	17590488.75	4838484.28	2.40	0	D	A	56.4	26.7	0.0	0.0	0.0	62.9	1.8	0.8	0.0	0.0	0.0	0.0	0.0	17.6
665	17590488.75	4838484.28	2.40	0	N	A	56.4	26.7	-188.0	0.0	0.0	62.9	1.8	0.8	0.0	0.0	0.0	0.0	0.0	-170.4
665	17590488.75	4838484.28	2.40	0	E	A	56.4	26.7	-188.0	0.0	0.0	62.9	1.8	0.8	0.0	0.0	0.0	0.0	0.0	-170.4

Point Source, ISO 9613, Name: "", ID: "Walker_HeavyTrkIdle02"																				
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)
64	17590610.80	4838441.87	2.40	0	D	A	100.9	0.0	-4.8	0.0	0.0	63.7	2.2	0.4	0.0	0.0	0.0	0.0	0.0	29.7
64	17590610.80	4838441.87	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	63.7	2.2	0.4	0.0	0.0	0.0	0.0	0.0	-153.5
64	17590610.80	4838441.87	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	63.7	2.2	0.4	0.0	0.0	0.0	0.0	0.0	-153.5

Point Source, ISO 9613, Name: "", ID: "Walker_HeavyTrkIdle01"																				
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)
66	17590739.50	4838470.93	2.40	0	D	A	100.9	0.0	-4.8	0.0	0.0	63.8	2.3	0.4	0.0	0.0	0.0	0.0	0.0	29.6
66	17590739.50	4838470.93	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	63.8	2.3	0.4	0.0	0.0	0.0	0.0	0.0	-153.6
66	17590739.50	4838470.93	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	63.8	2.3	0.4	0.0	0.0	0.0	0.0	0.0	-153.6

Point Source, ISO 9613, Name: "", ID: "Cort_CU42"																				
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)
74	17591090.89	4838868.12	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.4	1.9	1.0	0.0	0.0	0.0	0.0	0.0	12.7
74	17591090.89	4838868.12	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.4	1.9	1.0	0.0	0.0	0.0	0.0	0.0	12.7
74	17591090.89	4838868.12	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.4	1.9	1.0	0.0	0.0	0.0	0.0	0.0	12.7

Point Source, ISO 9613, Name: "", ID: "Cort_CU43"																				
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)
76	17591093.34	4838865.68	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.5	1.9	1.3	0.0	0.0	0.0	0.0	0.0	12.3
76	17591093.34	4838865.68	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.5	1.9	1.3	0.0	0.0	0.0	0.0	0.0	12.3
76	17591093.34	4838865.68	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.5	1.9	1.3	0.0	0.0	0.0	0.0	0.0	12.3

Point Source, ISO 9613, Name: "", ID: "Cort_CU44"																				
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)
79	17591097.65	4838861.30	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.5	1.9	1.2	0.0	0.0	0.0	0.0	0.0	12.4
79	17591097.65	4838861.30	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.5	1.9	1.2	0.0	0.0	0.0	0.0	0.0	12.4
79	17591097.65	4838861.30	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.5	1.9	1.2	0.0	0.0	0.0	0.0	0.0	12.4
83	17591097.65	4838861.30	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	65.5	1.9	1.1	0.0	0.0	0.0	0.0	2.0	10.4
83	17591097.65	4838861.30	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	65.5	1.9	1.1	0.0	0.0	0.0	0.0	2.0	10.4
83	17591097.65	4838861.30	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	65.5	1.9	1.1	0.0	0.0	0.0	0.0	2.0	10.4

Point Source, ISO 9613, Name: "", ID: "Cort_CU45"																				
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)
85	17591100.08	4838858.97	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.6	1.9	1.1	0.0	0.0	0.0	0.0	0.0	12.5
85	17591100.08	4838858.97	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.6	1.9	1.1	0.0	0.0	0.0	0.0	0.0	12.5
85	17591100.08	4838858.97	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.6	1.9	1.1	0.0	0.0	0.0	0.0	0.0	12.5

Point Source, ISO 9613, Name: "", ID: "Cort_CU46"																				
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)
87	17591103.85	4838855.20	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.6	2.0	1.1	0.0	0.0	0.0	0.0	0.0	12.3
87	17591103.85	4838855.20	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.6	2.0	1.1	0.0	0.0	0.0	0.0	0.0	12.3
87	17591103.85	4838855.20	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.6	2.0	1.1	0.0	0.0	0.0	0.0	0.0	12.3

Point Source, ISO 9613, Name: "", ID: "Cort_CU47"																				
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)
89	17591106.48	4838852.59	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.7	2.0	1.0	0.0	0.0	0.0	0.0	0.0	12.4
89	17591106.48	4838852.59	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.7	2.0	1.0	0.0	0.0	0.0	0.0	0.0	12.4
89	17591106.48	4838852.59	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.7	2.0	1.0	0.0	0.0	0.0	0.0	0.0	12.4

Point Source, ISO 9613, Name: "", ID: "Cort_CU27"																				
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)
92	17591106.74	4838882.40	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.7	2.0	-1.5	0.0	0.0	12.1	0.0	0.0	2.8
92	17591106.74	4838882.40	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.7	2.0	-1.5	0.0	0.0	12.1	0.0	0.0	2.8
92	17591106.74	4838882.40	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.7	2.0	-1.5	0.0	0.0	12.1	0.0	0.0	2.8

Point Source, ISO 9613, Name: "", ID: "Cort_CU28"																				
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)
95	17591109.13	4838880.02	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.7	2.0	-1.5	0.0	0.0	14.6	0.0	0.0	0.3
95	17591109.13	4838880.02	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.7	2.0	-1.5	0.0	0.0	14.6	0.0	0.0	0.3
95	17591109.13	4838880.02	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.7	2.0	-1.5	0.0	0.0	14.6	0.0	0.0	0.3

Point Source, ISO 9613, Name: "", ID: "Cort_CU26"																				
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)
101	17591111.56	4838886.87	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	0.0	0.0	0.0	14.8
101	17591111.56	4838886.87	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	0.0	0.0	0.0	14.8
101	17591111.56	4838886.87	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	0.0	0.0	0.0	14.8

Point Source, ISO 9613, Name: "", ID: "Cort_CU29"																				
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)
104	17591112.68	4838876.49	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	16.1	0.0	0.0	-1.2
104	17591112.68	4838876.49	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	16.1	0.0	0.0	-1.2
104	17591112.68	4838876.49	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	16.1	0.0	0.0	-1.2
106	17591112.68	4838876.49	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.6	0.0	0.0	0.0	0.0	2.5	12.2
106	17591112.68	4838876.49	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.6	0.0	0.0	0.0	0.0	2.5	12.2
106	17591112.68	4838876.49	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.6	0.0	0.0	0.0	0.0	2.5	12.2

Point Source, ISO 9613, Name: "", ID: "Cort_CU01"																				
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)
108	17591112.25	4838846.84	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	1.1	0.0	0.0	0.0	0.0	0.0	12.2
108	17591112.25	4838846.84	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	1.1	0.0	0.0	0.0	0.0	0.0	12.2
108	17591112.25	4838846.84	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	1.1	0.0	0.0	0.0	0.0	0.0	12.2

Point Source, ISO 9613, Name: "", ID: "Cort_CU25"																				
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)
110	17591113.95	4838884.49	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	0.0	0.0	0.0	14.8
110	17591113.95	4838884.49	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	0.0	0.0	0.0	14.8
110	17591113.95	4838884.49	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	0.0	0.0	0.0	14.8

Point Source, ISO 9613, Name: "", ID: "Cort_CU20"																				
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)
112	17591113.96	4838845.03	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	1.1	0.0	0.0	0.0	0.0	0.0	12.1
112	17591113.96	4838845.03	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	1.1	0.0	0.0	0.0	0.0	0.0	12.1
112	17591113.96	4838845.03	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	1.1	0.0	0.0	0.0	0.0	0.0	12.1
114	17591113.96	4838845.03	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	1.1	0.0	0.0	0.0	0.0	2.0	10.2
114	17591113.96	4838845.03	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	1.1	0.0	0.0	0.0	0.0	2.0	10.2
114	17591113.96	4838845.03	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	1.1	0.0	0.0	0.0	0.0	2.0	10.2

Point Source, ISO 9613, Name: "", ID: "Cort_CU30"																				
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)
116	17591115.26	4838873.91	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	16.7	0.0	0.0	-1.9
116	17591115.26	4838873.91	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	16.7	0.0	0.0	-1.9
116	17591115.26	4838873.91	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.8	2.0	-1.5	0.0	0.0	16.7	0.0	0.0	-1.9
118	17591115.26	4838873.91	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	9.3	0.0	3.1	2.2
118	17591115.26	4838873.91	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	9.3	0.0	3.1	2.2
118	17591115.26	4838873.91	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	9.3	0.0	3.1	2.2

Point Source, ISO 9613, Name: "", ID: "Cort_CU24"																				
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)
120	17591117.75	4838880.70	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.5	0.0	0.0	9.2	0.0	0.0	5.5
120	17591117.75	4838880.70	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.5	0.0	0.0	9.2	0.0	0.0	5.5
120	17591117.75	4838880.70	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.5	0.0	0.0	9.2	0.0	0.0	5.5

Point Source, ISO 9613, Name: "", ID: "Cort_CU19"																				
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)
122	17591117.62	4838841.28	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	1.2	0.0	0.0	0.0	0.0	0.0	12.0
122	17591117.62	4838841.28	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	1.2	0.0	0.0	0.0	0.0	0.0	12.0
122	17591117.62	4838841.28	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	1.2	0.0	0.0	0.0	0.0	0.0	12.0
124	17591117.62	4838841.28	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	1.1	0.0	0.0	0.0	0.0	2.0	10.1
124	17591117.62	4838841.28	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	1.1	0.0	0.0	0.0	0.0	2.0	10.1
124	17591117.62	4838841.28	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	1.1	0.0	0.0	0.0	0.0	2.0	10.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU31"																				
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)
126	17591119.63	4838869.57	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.5	0.0	0.0	17.2	0.0	0.0	-2.5
126	17591119.63	4838869.57	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.5	0.0	0.0	17.2	0.0	0.0	-2.5
126	17591119.63	4838869.57	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.5	0.0	0.0	17.2	0.0	0.0	-2.5

Point Source, ISO 9613, Name: "", ID: "Cort_CU31"																				
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)
128	17591119.63	4838869.57	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	9.3	0.0	3.1	2.2
128	17591119.63	4838869.57	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	9.3	0.0	3.1	2.2
128	17591119.63	4838869.57	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	9.3	0.0	3.1	2.2
130	17591119.63	4838869.57	1.00	2	D	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	9.2	0.0	7.3	-2.1
130	17591119.63	4838869.57	1.00	2	N	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	9.2	0.0	7.3	-2.1
130	17591119.63	4838869.57	1.00	2	E	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	9.2	0.0	7.3	-2.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU23"																				
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)
132	17591120.34	4838878.13	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.6	0.0	0.0	10.5	0.0	0.0	4.2
132	17591120.34	4838878.13	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.6	0.0	0.0	10.5	0.0	0.0	4.2
132	17591120.34	4838878.13	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.6	0.0	0.0	10.5	0.0	0.0	4.2
134	17591120.34	4838878.13	1.00	2	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	0.0	0.0	5.9	8.7
134	17591120.34	4838878.13	1.00	2	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	0.0	0.0	5.9	8.7
134	17591120.34	4838878.13	1.00	2	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	0.0	0.0	5.9	8.7

Point Source, ISO 9613, Name: "", ID: "Cort_CU18"																				
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)
136	17591120.84	4838838.15	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	1.0	0.0	0.0	0.0	0.0	0.0	12.2
136	17591120.84	4838838.15	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	1.0	0.0	0.0	0.0	0.0	0.0	12.2
136	17591120.84	4838838.15	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	1.0	0.0	0.0	0.0	0.0	0.0	12.2
138	17591120.84	4838838.15	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	0.9	0.0	0.0	0.0	0.0	2.0	10.2
138	17591120.84	4838838.15	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	0.9	0.0	0.0	0.0	0.0	2.0	10.2
138	17591120.84	4838838.15	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	0.9	0.0	0.0	0.0	0.0	2.0	10.2

Point Source, ISO 9613, Name: "", ID: "Cort_CU08"																				
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)
140	17591122.41	4838866.80	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.5	0.0	0.0	17.5	0.0	0.0	-2.8
140	17591122.41	4838866.80	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.5	0.0	0.0	17.5	0.0	0.0	-2.8
140	17591122.41	4838866.80	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	65.9	2.0	-1.5	0.0	0.0	17.5	0.0	0.0	-2.8
142	17591122.41	4838866.80	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	9.2	0.0	3.1	2.2
142	17591122.41	4838866.80	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	9.2	0.0	3.1	2.2
142	17591122.41	4838866.80	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	9.2	0.0	3.1	2.2
144	17591122.41	4838866.80	1.00	2	D	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	9.2	0.0	7.3	-2.1
144	17591122.41	4838866.80	1.00	2	N	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	9.2	0.0	7.3	-2.1
144	17591122.41	4838866.80	1.00	2	E	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	9.2	0.0	7.3	-2.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU21"																				
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)
146	17591122.78	4838836.39	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	12.1
146	17591122.78	4838836.39	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	12.1
146	17591122.78	4838836.39	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	12.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU22"																				
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)
148	17591124.29	4838874.19	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	11.4	0.0	0.0	3.3
148	17591124.29	4838874.19	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	11.4	0.0	0.0	3.3
148	17591124.29	4838874.19	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	11.4	0.0	0.0	3.3
150	17591124.29	4838874.19	1.00	2	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	7.7	0.0	6.7	0.1
150	17591124.29	4838874.19	1.00	2	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	7.7	0.0	6.7	0.1
150	17591124.29	4838874.19	1.00	2	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	7.7	0.0	6.7	0.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU09"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
153	17591126.90	4838871.60	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	11.6	0.0	0.0	3.0
153	17591126.90	4838871.60	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	11.6	0.0	0.0	3.0
153	17591126.90	4838871.60	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.6	0.0	0.0	11.6	0.0	0.0	3.0
155	17591126.90	4838871.60	1.00	2	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	7.7	0.0	6.7	0.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU09"																				
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)
155	17591126.90	4838871.60	1.00	2	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	7.7	0.0	6.7	0.1
155	17591126.90	4838871.60	1.00	2	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	7.7	0.0	6.7	0.1
156	17591126.90	4838871.60	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	12.4	0.0	3.6	-1.4
156	17591126.90	4838871.60	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	12.4	0.0	3.6	-1.4
156	17591126.90	4838871.60	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	12.4	0.0	3.6	-1.4

Point Source, ISO 9613, Name: "", ID: "Cort_CU13"																				
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)
158	17591126.57	4838902.88	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.5	0.0	0.0	12.2	0.0	0.0	2.4
158	17591126.57	4838902.88	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.5	0.0	0.0	12.2	0.0	0.0	2.4
158	17591126.57	4838902.88	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.5	0.0	0.0	12.2	0.0	0.0	2.4

Point Source, ISO 9613, Name: "", ID: "Cort_CU48"																				
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)
161	17591126.31	4838832.90	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	11.9
161	17591126.31	4838832.90	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	11.9
161	17591126.31	4838832.90	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	11.9

Point Source, ISO 9613, Name: "", ID: "Cort_CU12"																				
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)
163	17591128.81	4838900.64	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.5	0.0	0.0	14.6	0.0	0.0	-0.1
163	17591128.81	4838900.64	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.5	0.0	0.0	14.6	0.0	0.0	-0.1
163	17591128.81	4838900.64	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.0	2.0	-1.5	0.0	0.0	14.6	0.0	0.0	-0.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU06"																				
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)
165	17591130.41	4838859.08	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	19.3	0.0	0.0	-4.7
165	17591130.41	4838859.08	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	19.3	0.0	0.0	-4.7
165	17591130.41	4838859.08	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	19.3	0.0	0.0	-4.7

Point Source, ISO 9613, Name: "", ID: "Cort_CU49"																				
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)
167	17591129.60	4838829.57	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	1.2	0.0	0.0	0.0	0.0	0.0	11.7
167	17591129.60	4838829.57	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	1.2	0.0	0.0	0.0	0.0	0.0	11.7
167	17591129.60	4838829.57	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	1.2	0.0	0.0	0.0	0.0	0.0	11.7

Point Source, ISO 9613, Name: "", ID: "Cort_CU37"																				
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)
170	17591132.69	4838856.81	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	19.2	0.0	0.0	-4.7
170	17591132.69	4838856.81	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	19.2	0.0	0.0	-4.7
170	17591132.69	4838856.81	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	19.2	0.0	0.0	-4.7

Point Source, ISO 9613, Name: "", ID: "Cort_CU11"																				
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)
172	17591132.88	4838896.59	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.5	0.0	0.0	16.3	0.0	0.0	-1.8
172	17591132.88	4838896.59	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.5	0.0	0.0	16.3	0.0	0.0	-1.8
172	17591132.88	4838896.59	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.5	0.0	0.0	16.3	0.0	0.0	-1.8

Point Source, ISO 9613, Name: "", ID: "Cort_CU07"																				
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)
174	17591134.72	4838864.06	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	17.8	0.0	0.0	-3.2
174	17591134.72	4838864.06	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	17.8	0.0	0.0	-3.2
174	17591134.72	4838864.06	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	17.8	0.0	0.0	-3.2

Point Source, ISO 9613, Name: "", ID: "Cort_CU10"																				
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)
176	17591135.62	4838893.86	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	16.9	0.0	0.0	-2.4
176	17591135.62	4838893.86	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	16.9	0.0	0.0	-2.4
176	17591135.62	4838893.86	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	16.9	0.0	0.0	-2.4
178	17591135.62	4838893.86	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	67.5	2.3	-1.8	0.0	0.0	6.6	0.0	14.0	-7.5
178	17591135.62	4838893.86	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	67.5	2.3	-1.8	0.0	0.0	6.6	0.0	14.0	-7.5
178	17591135.62	4838893.86	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	67.5	2.3	-1.8	0.0	0.0	6.6	0.0	14.0	-7.5

Point Source, ISO 9613, Name: "", ID: "Cort_CU38"																				
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)
180	17591135.91	4838853.61	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	19.2	0.0	0.0	-4.7
180	17591135.91	4838853.61	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	19.2	0.0	0.0	-4.7
180	17591135.91	4838853.61	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.1	2.0	-1.6	0.0	0.0	19.2	0.0	0.0	-4.7
182	17591135.91	4838853.61	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.7	0.0	0.0	10.8	0.0	5.9	-2.3
182	17591135.91	4838853.61	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.7	0.0	0.0	10.8	0.0	5.9	-2.3
182	17591135.91	4838853.61	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.7	0.0	0.0	10.8	0.0	5.9	-2.3

Point Source, ISO 9613, Name: "", ID: "Cort_CU36"																				
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)
184	17591137.15	4838861.64	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	13.9	0.0	0.0	0.5
184	17591137.15	4838861.64	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	13.9	0.0	0.0	0.5
184	17591137.15	4838861.64	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	13.9	0.0	0.0	0.5

Point Source, ISO 9613, Name: "", ID: "Cort_CU05"																				
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)
190	17591139.33	4838890.17	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	17.4	0.0	0.0	-3.0
190	17591139.33	4838890.17	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	17.4	0.0	0.0	-3.0
190	17591139.33	4838890.17	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	17.4	0.0	0.0	-3.0

Point Source, ISO 9613, Name: "", ID: "Cort_CU39"																				
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)
192	17591139.41	4838850.12	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	19.2	0.0	0.0	-4.8
192	17591139.41	4838850.12	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	19.2	0.0	0.0	-4.8
192	17591139.41	4838850.12	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	19.2	0.0	0.0	-4.8
194	17591139.41	4838850.12	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.7	0.0	0.0	9.1	0.0	5.3	-0.1
194	17591139.41	4838850.12	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.7	0.0	0.0	9.1	0.0	5.3	-0.1
194	17591139.41	4838850.12	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.7	0.0	0.0	9.1	0.0	5.3	-0.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU35"																				
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)
196	17591140.68	4838858.12	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	12.3	0.0	0.0	2.1
196	17591140.68	4838858.12	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	12.3	0.0	0.0	2.1
196	17591140.68	4838858.12	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.2	2.0	-1.6	0.0	0.0	12.3	0.0	0.0	2.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU40"																				
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)
198	17591141.50	4838848.04	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.2	2.1	-1.6	0.0	0.0	19.1	0.0	0.0	-4.7
198	17591141.50	4838848.04	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.2	2.1	-1.6	0.0	0.0	19.1	0.0	0.0	-4.7
198	17591141.50	4838848.04	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.2	2.1	-1.6	0.0	0.0	19.1	0.0	0.0	-4.7
200	17591141.50	4838848.04	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	9.1	0.0	5.3	-0.1
200	17591141.50	4838848.04	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	9.1	0.0	5.3	-0.1
200	17591141.50	4838848.04	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	9.1	0.0	5.3	-0.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU04"																				
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)
202	17591142.04	4838887.47	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.2	2.1	-1.6	0.0	0.0	17.6	0.0	0.0	-3.2
202	17591142.04	4838887.47	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.2	2.1	-1.6	0.0	0.0	17.6	0.0	0.0	-3.2
202	17591142.04	4838887.47	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.2	2.1	-1.6	0.0	0.0	17.6	0.0	0.0	-3.2

Point Source, ISO 9613, Name: "", ID: "Cort_CU04"																				
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)
204	17591142.04	4838887.47	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.6	0.0	0.0	9.9	0.0	3.2	1.2
204	17591142.04	4838887.47	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.6	0.0	0.0	9.9	0.0	3.2	1.2
204	17591142.04	4838887.47	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.6	0.0	0.0	9.9	0.0	3.2	1.2

Point Source, ISO 9613, Name: "", ID: "Cort_CU34"																				
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)
206	17591143.16	4838855.66	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.6	0.0	0.0	12.2	0.0	0.0	2.1
206	17591143.16	4838855.66	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.6	0.0	0.0	12.2	0.0	0.0	2.1
206	17591143.16	4838855.66	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.6	0.0	0.0	12.2	0.0	0.0	2.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU41"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
208	17591144.38	4838845.17	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.6	0.0	0.0	19.0	0.0	0.0	-4.7
208	17591144.38	4838845.17	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.6	0.0	0.0	19.0	0.0	0.0	-4.7
208	17591144.38	4838845.17	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.6	0.0	0.0	19.0	0.0	0.0	-4.7
210	17591144.38	4838845.17	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	9.1	0.0	5.3	-0.1
210	17591144.38	4838845.17	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	9.1	0.0	5.3	-0.1
210	17591144.38	4838845.17	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	9.1	0.0	5.3	-0.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU33"																				
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)
212	17591147.71	4838851.13	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.6	0.0	0.0	12.2	0.0	0.0	2.1
212	17591147.71	4838851.13	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.6	0.0	0.0	12.2	0.0	0.0	2.1
212	17591147.71	4838851.13	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.3	2.1	-1.6	0.0	0.0	12.2	0.0	0.0	2.1
214	17591147.71	4838851.13	1.00	2	D	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	7.8	0.0	9.3	-2.8
214	17591147.71	4838851.13	1.00	2	N	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	7.8	0.0	9.3	-2.8
214	17591147.71	4838851.13	1.00	2	E	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	7.8	0.0	9.3	-2.8

Point Source, ISO 9613, Name: "", ID: "Cort_CU03"																				
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)
216	17591149.98	4838879.56	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	18.1	0.0	0.0	-3.8
216	17591149.98	4838879.56	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	18.1	0.0	0.0	-3.8
216	17591149.98	4838879.56	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	18.1	0.0	0.0	-3.8
218	17591149.98	4838879.56	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	9.8	0.0	3.2	1.2
218	17591149.98	4838879.56	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	9.8	0.0	3.2	1.2
218	17591149.98	4838879.56	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	9.8	0.0	3.2	1.2

Point Source, ISO 9613, Name: "", ID: "Cort_CU32"																				
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)
221	17591150.45	4838848.40	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.6	0.0	0.0	12.1	0.0	0.0	2.2
221	17591150.45	4838848.40	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.6	0.0	0.0	12.1	0.0	0.0	2.2
221	17591150.45	4838848.40	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.6	0.0	0.0	12.1	0.0	0.0	2.2
223	17591150.45	4838848.40	1.00	2	D	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	7.6	0.0	9.1	-2.5
223	17591150.45	4838848.40	1.00	2	N	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	7.6	0.0	9.1	-2.5
223	17591150.45	4838848.40	1.00	2	E	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	7.6	0.0	9.1	-2.5

Point Source, ISO 9613, Name: "", ID: "Cort_CU14"																				
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)
225	17591152.61	4838876.94	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	18.2	0.0	0.0	-4.0
225	17591152.61	4838876.94	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	18.2	0.0	0.0	-4.0
225	17591152.61	4838876.94	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	18.2	0.0	0.0	-4.0
227	17591152.61	4838876.94	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	9.8	0.0	3.2	1.1
227	17591152.61	4838876.94	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	9.8	0.0	3.2	1.1
227	17591152.61	4838876.94	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	9.8	0.0	3.2	1.1

Area Source, ISO 9613, Name: "1 Screener", ID: "Walker_Screener03"																				
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)
230	17590687.12	4838302.39	2.40	0	D	A	57.8	31.9	0.0	0.0	0.0	66.3	2.3	0.6	0.0	0.0	4.2	0.0	0.0	16.3
230	17590687.12	4838302.39	2.40	0	N	A	57.8	31.9	-188.0	0.0	0.0	66.3	2.3	0.6	0.0	0.0	4.2	0.0	0.0	-171.7
230	17590687.12	4838302.39	2.40	0	E	A	57.8	31.9	-188.0	0.0	0.0	66.3	2.3	0.6	0.0	0.0	4.2	0.0	0.0	-171.7
232	17590702.93	4838314.88	2.40	0	D	A	57.8	29.5	0.0	0.0	0.0	66.2	2.3	0.5	0.0	0.0	3.2	0.0	0.0	15.2
232	17590702.93	4838314.88	2.40	0	N	A	57.8	29.5	-188.0	0.0	0.0	66.2	2.3	0.5	0.0	0.0	3.2	0.0	0.0	-172.8
232	17590702.93	4838314.88	2.40	0	E	A	57.8	29.5	-188.0	0.0	0.0	66.2	2.3	0.5	0.0	0.0	3.2	0.0	0.0	-172.8
234	17590750.63	4838306.26	2.40	0	D	A	57.8	36.3	0.0	0.0	0.0	66.5	2.4	0.8	0.0	0.0	0.0	0.0	0.0	24.5
234	17590750.63	4838306.26	2.40	0	N	A	57.8	36.3	-188.0	0.0	0.0	66.5	2.4	0.8	0.0	0.0	0.0	0.0	0.0	-163.5
234	17590750.63	4838306.26	2.40	0	E	A	57.8	36.3	-188.0	0.0	0.0	66.5	2.4	0.8	0.0	0.0	0.0	0.0	0.0	-163.5
236	17590686.54	4838281.81	2.40	1	D	A	57.8	27.0	0.0	0.0	0.0	69.1	3.0	0.9	0.0	0.0	0.0	0.0	36.3	-24.4
236	17590686.54	4838281.81	2.40	1	N	A	57.8	27.0	-188.0	0.0	0.0	69.1	3.0	0.9	0.0	0.0	0.0	0.0	36.3	-212.4
236	17590686.54	4838281.81	2.40	1	E	A	57.8	27.0	-188.0	0.0	0.0	69.1	3.0	0.9	0.0	0.0	0.0	0.0	36.3	-212.4
238	17590705.65	4838291.54	2.40	1	D	A	57.8	29.7	0.0	0.0	0.0	69.0	2.9	0.9	0.0	0.0	0.0	0.0	12.7	2.1
238	17590705.65	4838291.54	2.40	1	N	A	57.8	29.7	-188.0	0.0	0.0	69.0	2.9	0.9	0.0	0.0	0.0	0.0	12.7	-185.9
238	17590705.65	4838291.54	2.40	1	E	A	57.8	29.7	-188.0	0.0	0.0	69.0	2.9	0.9	0.0	0.0	0.0	0.0	12.7	-185.9
279	17590693.99	4838358.30	2.40	0	D	A	57.8	19.6	0.0	0.0	0.0	65.5	2.2	-0.4	0.0	0.0	3.5	0.0	0.0	6.6
279	17590693.99	4838358.30	2.40	0	N	A	57.8	19.6	-188.0	0.0	0.0	65.5	2.2	-0.4	0.0	0.0	3.5	0.0	0.0	-181.4
279	17590693.99	4838358.30	2.40	0	E	A	57.8	19.6	-188.0	0.0	0.0	65.5	2.2	-0.4	0.0	0.0	3.5	0.0	0.0	-181.4
281	17590717.39	4838363.07	2.40	0	D	A	57.8	31.8	0.0	0.0	0.0	65.5	2.2	0.2	0.0	0.0	0.0	0.0	0.0	21.7
281	17590717.39	4838363.07	2.40	0	N	A	57.8	31.8	-188.0	0.0	0.0	65.5	2.2	0.2	0.0	0.0	0.0	0.0	0.0	-166.3
281	17590717.39	4838363.07	2.40	0	E	A	57.8	31.8	-188.0	0.0	0.0	65.5	2.2	0.2	0.0	0.0	0.0	0.0	0.0	-166.3
283	17590764.99	4838340.48	2.40	0	D	A	57.8	34.3	0.0	0.0	0.0	66.1	2.3	0.3	0.0	0.0	0.0	0.0	0.0	23.5
283	17590764.99	4838340.48	2.40	0	N	A	57.8	34.3	-188.0	0.0	0.0	66.1	2.3	0.3	0.0	0.0	0.0	0.0	0.0	-164.5
283	17590764.99	4838340.48	2.40	0	E	A	57.8	34.3	-188.0	0.0	0.0	66.1	2.3	0.3	0.0	0.0	0.0	0.0	0.0	-164.5
485	17590750.05	4838272.75	2.40	0	D	A	57.8	33.3	0.0	0.0	0.0	66.9	2.5	0.8	0.0	0.0	0.0	0.0	0.0	20.9
485	17590750.05	4838272.75	2.40	0	N	A	57.8	33.3	-188.0	0.0	0.0	66.9	2.5	0.8	0.0	0.0	0.0	0.0	0.0	-167.1
485	17590750.05	4838272.75	2.40	0	E	A	57.8	33.3	-188.0	0.0	0.0	66.9	2.5	0.8	0.0	0.0	0.0	0.0	0.0	-167.1
487	17590728.53	4838267.83	2.40	1	D	A	57.8	28.9	0.0	0.0	0.0	68.6	2.8	0.9	0.0	0.0	0.0	0.0	12.4	2.0
487	17590728.53	4838267.83	2.40	1	N	A	57.8	28.9	-188.0	0.0	0.0	68.6	2.8	0.9	0.0	0.0	0.0	0.0	12.4	-186.0
487	17590728.53	4838267.83	2.40	1	E	A	57.8	28.9	-188.0	0.0	0.0	68.6	2.8	0.9	0.0	0.0	0.0	0.0	12.4	-186.0
490	17590700.01	4838267.90	2.40	1	D	A	57.8	23.1	0.0	0.0	0.0	68.9	2.9	0.9	0.0	0.0	0.0	0.0	12.6	-4.4
490	17590700.01	4838267.90	2.40	1	N	A	57.8	23.1	-188.0	0.0	0.0	68.9	2.9	0.9	0.0	0.0	0.0	0.0	12.6	-192.4
490	17590700.01	4838267.90	2.40	1	E	A	57.8	23.1	-188.0	0.0	0.0	68.9	2.9	0.9	0.0	0.0	0.0	0.0	12.6	-192.4
492	17590754.91	4838273.03	2.40	1	D	A	57.8	27.4	0.0	0.0	0.0	68.4	2.8	0.8	0.0	0.0	0.0	0.0	12.3	0.9
492	17590754.91	4838273.03	2.40	1	N	A	57.8	27.4	-188.0	0.0	0.0	68.4	2.8	0.8	0.0	0.0	0.0	0.0	12.3	-187.1
492	17590754.91	4838273.03	2.40	1	E	A	57.8	27.4	-188.0	0.0	0.0	68.4	2.8	0.8	0.0	0.0	0.0	0.0	12.3	-187.1
546	17590711.72	4838250.87	2.40	0	D	A	57.8	31.8	0.0	0.0	0.0	67.1	2.5	0.6	0.0	0.0	3.6	0.0	0.0	15.8
546	17590711.72	4838250.87	2.40	0	N	A	57.8	31.8	-188.0	0.0	0.0	67.1	2.5	0.6	0.0	0.0	3.6	0.0	0.0	-172.2
546	17590711.72	4838250.87	2.40	0	E	A	57.8	31.8	-188.0	0.0	0.0	67.1	2.5	0.6	0.0	0.0	3.6	0.0	0.0	-172.2
548	17590710.08	4838250.08	2.40	1	D	A	57.8	31.0	0.0	0.0	0.0	68.8	2.9	0.9	0.0	0.0	0.0	0.0	12.5	3.8
548	17590710.08	4838250.08	2.40	1	N	A	57.8	31.0	-188.0	0.0	0.0	68.8	2.9	0.9	0.0	0.0	0.0	0.0	12.5	-184.2
548	17590710.08	4838250.08	2.40	1	E	A	57.8	31.0	-188.0	0.0	0.0	68.8	2.9	0.9	0.0	0.0	0.0	0.0	12.5	-184.2
550	17590720.06	4838259.80	2.40	1	D	A	57.8	23.4	0.0	0.0	0.0	68.7	2.9	0.9	0.0	0.0	0.0	0.0	12.5	-3.7
550	17590720.06	4838259.80	2.40	1	N	A	57.8	23.4	-188.0	0.0	0.0	68.7	2.9	0.9	0.0	0.0	0.0	0.0	12.5	-191.7
550	17590720.06	4838259.80	2.40	1	E	A	57.8	23.4	-188.0	0.0	0.0	68.7	2.9	0.9	0.0	0.0	0.0	0.0	12.5	-191.7
552	17590786.35	4838257.72	2.40	0	D	A	57.8	32.2	0.0	0.0	0.0	67.3	2.5	0.8	0.0	0.0	0.0	0.0	0.0	19.3
552	17590786.35	4838257.72	2.40	0	N	A	57.8	32.2	-188.0	0.0	0.0	67.3	2.5	0.8	0.0	0.0	0.0	0.0	0.0	-168.7
552	17590786.35	4838257.72	2.40	0	E	A	57.8	32.2	-188.0	0.0	0.0	67.3	2.5	0.8	0.0	0.0	0.0	0.0	0.0	-168.7
554	17590771.67	4838241.98	2.40	1	D	A	57.8	25.7	0.0	0.0	0.0	68.0	2.7	0.9	0.0	0.0	0.0	0.0	5.8	6.2
554	17590771.67	4838241.98	2.40	1	N	A	57.8	25.7	-188.0	0.0	0.0	68.0	2.7	0.9	0.0	0.0	0.0	0.0	5.8	-181.8
554	17590771.67	4838241.98	2.40	1	E	A	57.8	25.7	-188.0	0.0	0.0	68.0	2.7	0.9	0.0	0.0	0.0	0.0	5.8	-181.8
556	17590775.58	4838252.99	2.40	1	D	A	57.8	26.8	0.0	0.0	0.0	68.0	2.7	0.8	0.0	0.0	0.0	0.0	5.8	7.3
556	17590775.58	4838252.99	2.40	1	N	A	57.8	26.8	-188.0	0.0	0.0	68.0	2.7	0.8	0.0	0.0	0.0	0.0	5.8	-180.7
556	17590775.58	4838252.99	2.40	1	E	A	57.8	26.8	-188.0	0.0	0.0	68.0	2.7	0.8	0.0	0.0	0.0	0.0	5.8	-180.7
558	17590788.82	4838261.09	2.40	1	D	A	57.8	25.7	0.0	0.0	0.0	68.0	2.7	0.6	0.0	0.0	0.0	0.0	5.8	6.4
558	17590788.82	4838261.09	2.40	1	N	A	57.8	25.7	-188.0	0.0	0.0	68.0	2.7	0.6	0.0	0.0	0.0	0.0	5.8	-181.6
558	17590788.82	4838261.09	2.40	1	E	A	57.8	25.7	-188.0	0.0	0.0	68.0	2.7	0.6	0.0	0.0	0.0	0.0	5.8	-181.6
768	17590675.00	4838316.02	2.40	0	D	A	57.8	25.5	0.0	0.0	0.0	66.1	2.3	0.2	0.0	0.0	4.5	0.0	0.0	10.2
768	17590675.00	4838316.02	2.40	0	N	A	57.8	25.5	-188.0	0.0	0.0	66.1	2.3	0.2	0.0	0.0	4.5	0.0	0.0	-177.8
768	17590675.00	4838316.02	2.40	0	E	A	57.8	25.5	-188.0	0.0	0.0	66.1	2.3	0.2	0.0	0.0	4.5	0.0	0.0	-177.8

Point Source, ISO 9613, Name: "", ID: "Cort_CU02"																				
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)
240	17591156.11	4838873.46	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	18.4	0.0	0.0	-4.1
240	17591156.11	4838873.46	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	18.4	0.0	0.0	-4.1
240	17591156.11	4838873.46	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.4	2.1	-1.7	0.0	0.0	18.4	0.0	0.0	-4.1
242	17591156.11	4838873.46	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.6	2.1	-1.8	0.0	0.0	9.8	0.0	3.2	1.1
242	17591156.11	4838873.46	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.6	2.1	-1.8	0.0	0.0	9.8	0.0	3.2	1.1
242	17591156.11	4838873.46	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.6	2.1	-1.8	0.0	0.0	9.8	0.0	3.2	1.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU15"																				
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)
244	17591158.53	4838871.04	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	18.4	0.0	0.0	-4.2
244	17591158.53	4838871.04	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	18.4	0.0	0.0	-4.2
244	17591158.53	4838871.04	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	18.4	0.0	0.0	-4.2
245	17591158.53	4838871.04	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.6	2.1	-1.7	0.0	0.0	9.8	0.0	3.2	1.1
245	17591158.53	4838871.04	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.6	2.1	-1.7	0.0	0.0	9.8	0.0	3.2	1.1
245	17591158.53	4838871.04	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.6	2.1	-1.7	0.0	0.0	9.8	0.0	3.2	1.1

Point Source, ISO 9613, Name: "", ID: "Cort_CU16"																				
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)
247	17591163.31	4838866.28	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	18.4	0.0	0.0	-4.2
247	17591163.31	4838866.28	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	18.4	0.0	0.0	-4.2
247	17591163.31	4838866.28	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.5	2.1	-1.7	0.0	0.0	18.4	0.0	0.0	-4.2

Point Source, ISO 9613, Name: "", ID: "Cort_CU17"																				
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)
249	17591165.72	4838863.88	1.00	0	D	A	81.1	0.0	0.0	0.0	0.0	66.6	2.1	-1.8	0.0	0.0	18.4	0.0	0.0	-4.3
249	17591165.72	4838863.88	1.00	0	N	A	81.1	0.0	0.0	0.0	0.0	66.6	2.1	-1.8	0.0	0.0	18.4	0.0	0.0	-4.3
249	17591165.72	4838863.88	1.00	0	E	A	81.1	0.0	0.0	0.0	0.0	66.6	2.1	-1.8	0.0	0.0	18.4	0.0	0.0	-4.3
251	17591165.72	4838863.88	1.00	1	D	A	81.1	0.0	0.0	0.0	0.0	66.8	2.1	-1.8	0.0	0.0	10.2	0.0	5.7	-2.0
251	17591165.72	4838863.88	1.00	1	N	A	81.1	0.0	0.0	0.0	0.0	66.8	2.1	-1.8	0.0	0.0	10.2	0.0	5.7	-2.0
251	17591165.72	4838863.88	1.00	1	E	A	81.1	0.0	0.0	0.0	0.0	66.8	2.1	-1.8	0.0	0.0	10.2	0.0	5.7	-2.0

Line Source, ISO 9613, Name: "Walker - 2 Heavy Trk", ID: "Walker_HeavyTrkMove02"																				
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)
253	17590733.20	4838393.36	2.40	0	D	A	67.2	23.4	0.0	0.0	0.0	65.1	2.3	0.8	0.0	0.0	0.0	0.0	0.0	22.3
253	17590733.20	4838393.36	2.40	0	N	A	-35.8	23.4	0.0	0.0	0.0	65.1	2.3	0.8	0.0	0.0	0.0	0.0	0.0	-80.7
253	17590733.20	4838393.36	2.40	0	E	A	-35.8	23.4	0.0	0.0	0.0	65.1	2.3	0.8	0.0	0.0	0.0	0.0	0.0	-80.7
255	17590889.89	4838242.07	2.40	0	D	A	67.2	23.4	0.0	0.0	0.0	68.0	2.9	-1.7	0.0	0.0	0.0	0.0	0.0	21.4
255	17590889.89	4838242.07	2.40	0	N	A	-35.8	23.4	0.0	0.0	0.0	68.0	2.9	-1.7	0.0	0.0	0.0	0.0	0.0	-81.6
255	17590889.89	4838242.07	2.40	0	E	A	-35.8	23.4	0.0	0.0	0.0	68.0	2.9	-1.7	0.0	0.0	0.0	0.0	0.0	-81.6
257	17590718.76	4838407.29	2.40	1	D	A	67.2	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.3	3.1
257	17590718.76	4838407.29	2.40	1	N	A	-35.8	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.3	-99.9
257	17590718.76	4838407.29	2.40	1	E	A	-35.8	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.3	-99.9
259	17590951.76	4838182.33	2.40	1	D	A	67.2	13.2	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.1	0.0	14.0	-10.9
259	17590951.76	4838182.33	2.40	1	N	A	-35.8	13.2	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.1	0.0	14.0	-113.9
259	17590951.76	4838182.33	2.40	1	E	A	-35.8	13.2	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.1	0.0	14.0	-113.9
260	17590917.31	4838215.60	2.40	1	D	A	67.2	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-2.8
260	17590917.31	4838215.60	2.40	1	N	A	-35.8	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.8
260	17590917.31	4838215.60	2.40	1	E	A	-35.8	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.8
267	17590893.77	4838242.28	2.40	0	D	A	67.2	23.3	0.0	0.0	0.0	68.0	2.9	-1.4	0.0	0.0	0.0	0.0	0.0	21.0
267	17590893.77	4838242.28	2.40	0	N	A	-35.8	23.3	0.0	0.0	0.0	68.0	2.9	-1.4	0.0	0.0	0.0	0.0	0.0	-82.1
267	17590893.77	4838242.28	2.40	0	E	A	-35.8	23.3	0.0	0.0	0.0	68.0	2.9	-1.4	0.0	0.0	0.0	0.0	0.0	-82.1
269	17590740.60	4838389.82	2.40	0	D	A	67.2	23.3	0.0	0.0	0.0	65.2	2.3	1.0	0.0	0.0	0.0	0.0	0.0	21.9
269	17590740.60	4838389.82	2.40	0	N	A	-35.8	23.3	0.0	0.0	0.0	65.2	2.3	1.0	0.0	0.0	0.0	0.0	0.0	-81.1
269	17590740.60	4838389.82	2.40	0	E	A	-35.8	23.3	0.0	0.0	0.0	65.2	2.3	1.0	0.0	0.0	0.0	0.0	0.0	-81.1
271	17590723.51	4838406.28	2.40	1	D	A	67.2	13.9	0.0	0.0	0.0	65.3	2.4	-0.9	0.0	0.0	0.0	0.0	11.3	3.0
271	17590723.51	4838406.28	2.40	1	N	A	-35.8	13.9	0.0	0.0	0.0	65.3	2.4	-0.9	0.0	0.0	0.0	0.0	11.3	-100.0
271	17590723.51	4838406.28	2.40	1	E	A	-35.8	13.9	0.0	0.0	0.0	65.3	2.4	-0.9	0.0	0.0	0.0	0.0	11.3	-100.0
273	17590958.62	4838179.81	2.40	1	D	A	67.2	13.2	0.0	0.0	0.0	69.4	3.1	0.4	0.0	0.0	4.3	0.0	35.3	-32.2
273	17590958.62	4838179.81	2.40	1	N	A	-35.8	13.2	0.0	0.0	0.0	69.4	3.1	0.4	0.0	0.0	4.3	0.0	35.3	-135.2

Line Source, ISO 9613, Name: "Walker - 2 Heavy Trk", ID: "Walker_HeavyTrkMove02"																				
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)
273	17590958.62	4838179.81	2.40	1	E	A	-35.8	13.2	0.0	0.0	0.0	69.4	3.1	0.4	0.0	0.0	4.3	0.0	35.3	-135.2
275	17590924.09	4838213.07	2.40	1	D	A	67.2	14.3	0.0	0.0	0.0	68.8	3.0	-0.5	0.0	0.0	0.0	0.0	12.9	-2.8
275	17590924.09	4838213.07	2.40	1	N	A	-35.8	14.3	0.0	0.0	0.0	68.8	3.0	-0.5	0.0	0.0	0.0	0.0	12.9	-105.8
275	17590924.09	4838213.07	2.40	1	E	A	-35.8	14.3	0.0	0.0	0.0	68.8	3.0	-0.5	0.0	0.0	0.0	0.0	12.9	-105.8
680	17590621.26	4838501.06	2.40	0	D	A	67.2	15.9	0.0	0.0	0.0	62.5	1.9	1.3	0.0	0.0	0.0	0.0	0.0	17.3
680	17590621.26	4838501.06	2.40	0	N	A	-35.8	15.9	0.0	0.0	0.0	62.5	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-85.7
680	17590621.26	4838501.06	2.40	0	E	A	-35.8	15.9	0.0	0.0	0.0	62.5	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-85.7
690	17590539.58	4838517.88	2.40	0	D	A	67.2	15.1	0.0	0.0	0.0	62.0	1.9	1.3	0.0	0.0	0.0	0.0	0.0	17.1
690	17590539.58	4838517.88	2.40	0	N	A	-35.8	15.1	0.0	0.0	0.0	62.0	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-85.9
690	17590539.58	4838517.88	2.40	0	E	A	-35.8	15.1	0.0	0.0	0.0	62.0	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-85.9
698	17590650.83	4838477.29	2.40	0	D	A	67.2	15.8	0.0	0.0	0.0	63.1	2.0	1.3	0.0	0.0	0.0	0.0	0.0	16.5
698	17590650.83	4838477.29	2.40	0	N	A	-35.8	15.8	0.0	0.0	0.0	63.1	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-86.5
698	17590650.83	4838477.29	2.40	0	E	A	-35.8	15.8	0.0	0.0	0.0	63.1	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-86.5
710	17590516.73	4838500.29	2.40	0	D	A	67.2	14.8	0.0	0.0	0.0	62.5	1.9	1.3	0.0	0.0	0.0	0.0	0.0	16.3
710	17590516.73	4838500.29	2.40	0	N	A	-35.8	14.8	0.0	0.0	0.0	62.5	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-86.7
710	17590516.73	4838500.29	2.40	0	E	A	-35.8	14.8	0.0	0.0	0.0	62.5	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-86.7
714	17590568.56	4838522.39	2.40	0	D	A	67.2	14.3	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	16.5
714	17590568.56	4838522.39	2.40	0	N	A	-35.8	14.3	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-86.5
714	17590568.56	4838522.39	2.40	0	E	A	-35.8	14.3	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-86.5
730	17590593.49	4838516.79	2.40	0	D	A	67.2	14.1	0.0	0.0	0.0	62.0	1.9	1.3	0.0	0.0	0.0	0.0	0.0	16.1
730	17590593.49	4838516.79	2.40	0	N	A	-35.8	14.1	0.0	0.0	0.0	62.0	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-87.0
730	17590593.49	4838516.79	2.40	0	E	A	-35.8	14.1	0.0	0.0	0.0	62.0	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-87.0
742	17590600.02	4838426.72	2.40	0	D	A	67.2	15.2	0.0	0.0	0.0	64.0	2.1	1.4	0.0	0.0	0.0	0.0	0.0	14.9
742	17590600.02	4838426.72	2.40	0	N	A	-35.8	15.2	0.0	0.0	0.0	64.0	2.1	1.4	0.0	0.0	0.0	0.0	0.0	-88.1
742	17590600.02	4838426.72	2.40	0	E	A	-35.8	15.2	0.0	0.0	0.0	64.0	2.1	1.4	0.0	0.0	0.0	0.0	0.0	-88.1
744	17590595.09	4838419.54	2.40	1	D	A	67.2	12.0	0.0	0.0	0.0	65.5	2.4	0.5	0.0	0.0	0.0	0.0	10.8	-0.0
744	17590595.09	4838419.54	2.40	1	N	A	-35.8	12.0	0.0	0.0	0.0	65.5	2.4	0.5	0.0	0.0	0.0	0.0	10.8	-103.0
744	17590595.09	4838419.54	2.40	1	E	A	-35.8	12.0	0.0	0.0	0.0	65.5	2.4	0.5	0.0	0.0	0.0	0.0	10.8	-103.0
758	17590510.57	4838474.87	2.40	0	D	A	67.2	13.9	0.0	0.0	0.0	63.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	14.7
758	17590510.57	4838474.87	2.40	0	N	A	-35.8	13.9	0.0	0.0	0.0	63.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-88.3
758	17590510.57	4838474.87	2.40	0	E	A	-35.8	13.9	0.0	0.0	0.0	63.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-88.3
778	17590516.46	4838452.06	2.40	0	D	A	67.2	13.6	0.0	0.0	0.0	63.5	2.1	1.3	0.0	0.0	0.0	0.0	0.0	13.9
778	17590516.46	4838452.06	2.40	0	N	A	-35.8	13.6	0.0	0.0	0.0	63.5	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-89.1
778	17590516.46	4838452.06	2.40	0	E	A	-35.8	13.6	0.0	0.0	0.0	63.5	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-89.1
784	17590526.59	4838431.70	2.40	0	D	A	67.2	13.5	0.0	0.0	0.0	63.9	2.1	1.3	0.0	0.0	0.0	0.0	0.0	13.3
784	17590526.59	4838431.70	2.40	0	N	A	-35.8	13.5	0.0	0.0	0.0	63.9	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-89.7
784	17590526.59	4838431.70	2.40	0	E	A	-35.8	13.5	0.0	0.0	0.0	63.9	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-89.7
791	17590633.43	4838469.12	2.40	0	D	A	67.2	12.8	0.0	0.0	0.0	63.2	2.0	1.3	0.0	0.0	0.0	0.0	0.0	13.4
791	17590633.43	4838469.12	2.40	0	N	A	-35.8	12.8	0.0	0.0	0.0	63.2	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-89.6
791	17590633.43	4838469.12	2.40	0	E	A	-35.8	12.8	0.0	0.0	0.0	63.2	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-89.6
804	17590620.58	4838457.25	2.40	0	D	A	67.2	12.1	0.0	0.0	0.0	63.4	2.1	1.3	0.0	0.0	0.0	0.0	0.0	12.4
804	17590620.58	4838457.25	2.40	0	N	A	-35.8	12.1	0.0	0.0	0.0	63.4	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-90.6
804	17590620.58	4838457.25	2.40	0	E	A	-35.8	12.1	0.0	0.0	0.0	63.4	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-90.6
810	17590647.96	4838471.94	2.40	0	D	A	67.2	11.8	0.0	0.0	0.0	63.2	2.0	1.3	0.0	0.0	0.0	0.0	0.0	12.4
810	17590647.96	4838471.94	2.40	0	N	A	-35.8	11.8	0.0	0.0	0.0	63.2	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-90.7
810	17590647.96	4838471.94	2.40	0	E	A	-35.8	11.8	0.0	0.0	0.0	63.2	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-90.7
812	17590589.33	4838403.97	2.40	0	D	A	67.2	12.6	0.0	0.0	0.0	64.4	2.2	1.4	0.0	0.0	0.0	0.0	0.0	11.8
812	17590589.33	4838403.97	2.40	0	N	A	-35.8	12.6	0.0	0.0	0.0	64.4	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-91.2
812	17590589.33	4838403.97	2.40	0	E	A	-35.8	12.6	0.0	0.0	0.0	64.4	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-91.2
814	17590589.33	4838403.97	2.40	1	D	A	67.2	12.6	0.0	0.0	0.0	65.6	2.4	1.3	0.0	0.0	0.0	0.0	10.5	-0.0
814	17590589.33	4838403.97	2.40	1	N	A	-35.8	12.6	0.0	0.0	0.0	65.6	2.4	1.3	0.0	0.0	0.0	0.0	10.5	-103.0
814	17590589.33	4838403.97	2.40	1	E	A	-35.8	12.6	0.0	0.0	0.0	65.6	2.4	1.3	0.0	0.0	0.0	0.0	10.5	-103.0
875	17590580.33	4838393.60	2.40	0	D	A	67.2	11.9	0.0	0.0	0.0	64.6	2.2	1.4	0.0	0.0	0.0	0.0	0.0	10.9
875	17590580.33	4838393.60	2.40	0	N	A	-35.8	11.9	0.0	0.0	0.0	64.6	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-92.1
875	17590580.33	4838393.60	2.40	0	E	A	-35.8	11.9	0.0	0.0	0.0	64.6	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-92.1
877	17590580.33	4838393.60	2.40	1	D	A	67.2	11.9	0.0	0.0	0.0	65.8	2.4	1.2	0.0	0.0	0.0	0.0	10.6	-0.9
877	17590580.33	4838393.60	2.40	1	N	A	-35.8	11.9	0.0	0.0	0.0	65.8	2.4	1.2	0.0	0.0	0.0	0.0	10.6	-103.9
877	17590580.33	4838393.60	2.40	1	E	A	-35.8	11.9	0.0	0.0	0.0	65.8	2.4	1.2	0.0	0.0	0.0	0.0	10.6	-103.9
881	17590612.40	4838445.78	2.40	0	D	A	67.2	10.9	0.0	0.0	0.0	63.6	2.1	1.3	0.0	0.0	0.0	0.0	0.0	11.0
881	17590612.40	4838445.78	2.40	0	N	A	-35.8	10.9	0.0	0.0	0.0	63.6	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-92.0
881	17590612.40	4838445.78	2.40	0	E	A	-35.8	10.9	0.0	0.0	0.0	63.6	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-92.0
897	17590543.19	4838408.33	2.40	0	D	A	67.2	11.5	0.0	0.0	0.0	64.3	2.2	1.4	0.0	0.0	0.0	0.0	0.0	10.8
897	17590543.19	4838408.33	2.40	0	N	A	-35.8	11.5	0.0	0.0	0.0	64.3	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-92.2

Line Source, ISO 9613, Name: "Walker - 2 Heavy Trk", ID: "Walker_HeavyTrkMove02"																				
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)
897	17590543.19	4838408.33	2.40	0	E	A	-35.8	11.5	0.0	0.0	0.0	64.3	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-92.2
899	17590543.19	4838408.33	2.40	1	D	A	67.2	11.5	0.0	0.0	0.0	66.3	2.5	1.3	0.0	0.0	0.0	0.0	26.4	-17.9
899	17590543.19	4838408.33	2.40	1	N	A	-35.8	11.5	0.0	0.0	0.0	66.3	2.5	1.3	0.0	0.0	0.0	0.0	26.4	-120.9
899	17590543.19	4838408.33	2.40	1	E	A	-35.8	11.5	0.0	0.0	0.0	66.3	2.5	1.3	0.0	0.0	0.0	0.0	26.4	-120.9
903	17590554.92	4838400.69	2.40	0	D	A	67.2	11.5	0.0	0.0	0.0	64.5	2.2	1.4	0.0	0.0	0.0	0.0	0.0	10.6
903	17590554.92	4838400.69	2.40	0	N	A	-35.8	11.5	0.0	0.0	0.0	64.5	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-92.4
903	17590554.92	4838400.69	2.40	0	E	A	-35.8	11.5	0.0	0.0	0.0	64.5	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-92.4
905	17590554.92	4838400.69	2.40	1	D	A	67.2	11.5	0.0	0.0	0.0	66.2	2.5	1.3	0.0	0.0	0.0	0.0	26.1	-17.4
905	17590554.92	4838400.69	2.40	1	N	A	-35.8	11.5	0.0	0.0	0.0	66.2	2.5	1.3	0.0	0.0	0.0	0.0	26.1	-120.4
905	17590554.92	4838400.69	2.40	1	E	A	-35.8	11.5	0.0	0.0	0.0	66.2	2.5	1.3	0.0	0.0	0.0	0.0	26.1	-120.4
919	17590566.37	4838394.07	2.40	0	D	A	67.2	11.1	0.0	0.0	0.0	64.6	2.2	1.4	0.0	0.0	0.0	0.0	0.0	10.1
919	17590566.37	4838394.07	2.40	0	N	A	-35.8	11.1	0.0	0.0	0.0	64.6	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-92.9
919	17590566.37	4838394.07	2.40	0	E	A	-35.8	11.1	0.0	0.0	0.0	64.6	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-92.9
921	17590566.37	4838394.07	2.40	1	D	A	67.2	11.1	0.0	0.0	0.0	66.0	2.5	1.3	0.0	0.0	0.0	0.0	10.6	-2.1
921	17590566.37	4838394.07	2.40	1	N	A	-35.8	11.1	0.0	0.0	0.0	66.0	2.5	1.3	0.0	0.0	0.0	0.0	10.6	-105.1
921	17590566.37	4838394.07	2.40	1	E	A	-35.8	11.1	0.0	0.0	0.0	66.0	2.5	1.3	0.0	0.0	0.0	0.0	10.6	-105.1
923	17590534.37	4838416.50	2.40	0	D	A	67.2	10.7	0.0	0.0	0.0	64.2	2.2	1.4	0.0	0.0	0.0	0.0	0.0	10.1
923	17590534.37	4838416.50	2.40	0	N	A	-35.8	10.7	0.0	0.0	0.0	64.2	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-92.9
923	17590534.37	4838416.50	2.40	0	E	A	-35.8	10.7	0.0	0.0	0.0	64.2	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-92.9

Line Source, ISO 9613, Name: "Walker - 2 Dump Trk", ID: "Walker_DumpTrk01"																				
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)
285	17590894.74	4838236.90	2.40	0	D	A	67.2	22.9	0.0	0.0	0.0	68.1	2.9	-1.7	0.0	0.0	0.0	0.0	0.0	20.8
285	17590894.74	4838236.90	2.40	0	N	A	-35.8	22.9	0.0	0.0	0.0	68.1	2.9	-1.7	0.0	0.0	0.0	0.0	0.0	-82.2
285	17590894.74	4838236.90	2.40	0	E	A	-35.8	22.9	0.0	0.0	0.0	68.1	2.9	-1.7	0.0	0.0	0.0	0.0	0.0	-82.2
287	17590754.41	4838371.77	2.40	0	D	A	67.2	22.9	0.0	0.0	0.0	65.6	2.4	0.8	0.0	0.0	0.0	0.0	0.0	21.3
287	17590754.41	4838371.77	2.40	0	N	A	-35.8	22.9	0.0	0.0	0.0	65.6	2.4	0.8	0.0	0.0	0.0	0.0	0.0	-81.7
287	17590754.41	4838371.77	2.40	0	E	A	-35.8	22.9	0.0	0.0	0.0	65.6	2.4	0.8	0.0	0.0	0.0	0.0	0.0	-81.7
289	17590717.07	4838407.65	2.40	1	D	A	67.2	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.2	3.1
289	17590717.07	4838407.65	2.40	1	N	A	-35.8	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.2	-99.9
289	17590717.07	4838407.65	2.40	1	E	A	-35.8	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.2	-99.9
291	17590951.36	4838182.48	2.40	1	D	A	67.2	13.2	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-10.9
291	17590951.36	4838182.48	2.40	1	N	A	-35.8	13.2	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-113.9
291	17590951.36	4838182.48	2.40	1	E	A	-35.8	13.2	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-113.9
292	17590916.65	4838215.84	2.40	1	D	A	67.2	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-2.8
292	17590916.65	4838215.84	2.40	1	N	A	-35.8	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.8
292	17590916.65	4838215.84	2.40	1	E	A	-35.8	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.8
312	17590771.78	4838358.11	2.40	0	D	A	67.2	22.6	0.0	0.0	0.0	65.9	2.5	1.0	0.0	0.0	0.0	0.0	0.0	20.4
312	17590771.78	4838358.11	2.40	0	N	A	-35.8	22.6	0.0	0.0	0.0	65.9	2.5	1.0	0.0	0.0	0.0	0.0	0.0	-82.6
312	17590771.78	4838358.11	2.40	0	E	A	-35.8	22.6	0.0	0.0	0.0	65.9	2.5	1.0	0.0	0.0	0.0	0.0	0.0	-82.6
314	17590901.47	4838232.90	2.40	0	D	A	67.2	22.6	0.0	0.0	0.0	68.2	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	19.7
314	17590901.47	4838232.90	2.40	0	N	A	-35.8	22.6	0.0	0.0	0.0	68.2	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	-83.3
314	17590901.47	4838232.90	2.40	0	E	A	-35.8	22.6	0.0	0.0	0.0	68.2	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	-83.3
316	17590721.42	4838406.73	2.40	1	D	A	67.2	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.3	3.1
316	17590721.42	4838406.73	2.40	1	N	A	-35.8	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.3	-100.0
316	17590721.42	4838406.73	2.40	1	E	A	-35.8	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.3	-100.0
318	17590955.13	4838181.10	2.40	1	D	A	67.2	13.2	0.0	0.0	0.0	69.3	3.1	0.6	0.0	0.0	4.2	0.0	14.1	-11.0
318	17590955.13	4838181.10	2.40	1	N	A	-35.8	13.2	0.0	0.0	0.0	69.3	3.1	0.6	0.0	0.0	4.2	0.0	14.1	-114.0
318	17590955.13	4838181.10	2.40	1	E	A	-35.8	13.2	0.0	0.0	0.0	69.3	3.1	0.6	0.0	0.0	4.2	0.0	14.1	-114.0
319	17590920.70	4838214.33	2.40	1	D	A	67.2	14.2	0.0	0.0	0.0	68.8	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-2.9
319	17590920.70	4838214.33	2.40	1	N	A	-35.8	14.2	0.0	0.0	0.0	68.8	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.9
319	17590920.70	4838214.33	2.40	1	E	A	-35.8	14.2	0.0	0.0	0.0	68.8	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.9
560	17590782.37	4838556.42	2.40	0	D	A	67.2	17.7	0.0	0.0	0.0	62.7	1.9	1.3	0.0	0.0	0.0	0.0	0.0	18.9
560	17590782.37	4838556.42	2.40	0	N	A	-35.8	17.7	0.0	0.0	0.0	62.7	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-84.1
560	17590782.37	4838556.42	2.40	0	E	A	-35.8	17.7	0.0	0.0	0.0	62.7	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-84.1
574	17590769.28	4838431.32	2.40	0	D	A	67.2	19.2	0.0	0.0	0.0	64.7	2.3	1.4	0.0	0.0	0.0	0.0	0.0	18.0
574	17590769.28	4838431.32	2.40	0	N	A	-35.8	19.2	0.0	0.0	0.0	64.7	2.3	1.4	0.0	0.0	0.0	0.0	0.0	-85.0
574	17590769.28	4838431.32	2.40	0	E	A	-35.8	19.2	0.0	0.0	0.0	64.7	2.3	1.4	0.0	0.0	0.0	0.0	0.0	-85.0
578	17590701.33	4838499.99	2.40	0	D	A	67.2	17.5	0.0	0.0	0.0	62.9	2.0	1.3	0.0	0.0	0.0	0.0	0.0	18.4
578	17590701.33	4838499.99	2.40	0	N	A	-35.8	17.5	0.0	0.0	0.0	62.9	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-84.6
578	17590701.33	4838499.99	2.40	0	E	A	-35.8	17.5	0.0	0.0	0.0	62.9	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-84.6
616	17590695.83	4838579.45	2.40	0	D	A	67.2	15.8	0.0	0.0	0.0	61.1	1.7	1.3	0.0	0.0	0.0	0.0	0.0	18.9

Line Source, ISO 9613, Name: "Walker - 2 Dump Trk", ID: "Walker_DumpTrk01"																				
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)
616	17590695.83	4838579.45	2.40	0	N	A	-35.8	15.8	0.0	0.0	0.0	61.1	1.7	1.3	0.0	0.0	0.0	0.0	0.0	-84.1
616	17590695.83	4838579.45	2.40	0	E	A	-35.8	15.8	0.0	0.0	0.0	61.1	1.7	1.3	0.0	0.0	0.0	0.0	0.0	-84.1
682	17590856.93	4838478.62	2.40	0	D	A	67.2	17.8	0.0	0.0	0.0	64.8	2.3	1.4	0.0	0.0	0.0	0.0	0.0	16.5
682	17590856.93	4838478.62	2.40	0	N	A	-35.8	17.8	0.0	0.0	0.0	64.8	2.3	1.4	0.0	0.0	0.0	0.0	0.0	-86.5
682	17590856.93	4838478.62	2.40	0	E	A	-35.8	17.8	0.0	0.0	0.0	64.8	2.3	1.4	0.0	0.0	0.0	0.0	0.0	-86.5
686	17590821.13	4838519.51	2.40	0	D	A	67.2	16.8	0.0	0.0	0.0	63.8	2.1	1.3	0.0	0.0	0.0	0.0	0.0	16.8
686	17590821.13	4838519.51	2.40	0	N	A	-35.8	16.8	0.0	0.0	0.0	63.8	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-86.2
686	17590821.13	4838519.51	2.40	0	E	A	-35.8	16.8	0.0	0.0	0.0	63.8	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-86.2
692	17590719.08	4838455.42	2.40	0	D	A	67.2	17.0	0.0	0.0	0.0	63.9	2.1	1.3	0.0	0.0	0.0	0.0	0.0	16.7
692	17590719.08	4838455.42	2.40	0	N	A	-35.8	17.0	0.0	0.0	0.0	63.9	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-86.3
692	17590719.08	4838455.42	2.40	0	E	A	-35.8	17.0	0.0	0.0	0.0	63.9	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-86.3
700	17590673.21	4838538.78	2.40	0	D	A	67.2	14.5	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	16.7
700	17590673.21	4838538.78	2.40	0	N	A	-35.8	14.5	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-86.3
700	17590673.21	4838538.78	2.40	0	E	A	-35.8	14.5	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-86.3
706	17590724.43	4838449.53	2.40	0	D	A	67.2	16.7	0.0	0.0	0.0	64.1	2.2	1.4	0.0	0.0	0.0	0.0	0.0	16.2
706	17590724.43	4838449.53	2.40	0	N	A	-35.8	16.7	0.0	0.0	0.0	64.1	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-86.8
706	17590724.43	4838449.53	2.40	0	E	A	-35.8	16.7	0.0	0.0	0.0	64.1	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-86.8
720	17590673.40	4838562.10	2.40	0	D	A	67.2	13.4	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	16.2
720	17590673.40	4838562.10	2.40	0	N	A	-35.8	13.4	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-86.8
720	17590673.40	4838562.10	2.40	0	E	A	-35.8	13.4	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-86.8
740	17590723.81	4838586.40	2.40	0	D	A	67.2	13.1	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	16.0
740	17590723.81	4838586.40	2.40	0	N	A	-35.8	13.1	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-87.0
740	17590723.81	4838586.40	2.40	0	E	A	-35.8	13.1	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-87.0
754	17590836.02	4838404.25	2.40	0	D	A	67.2	16.8	0.0	0.0	0.0	65.7	2.4	1.4	0.0	0.0	0.0	0.0	0.0	14.5
754	17590836.02	4838404.25	2.40	0	N	A	-35.8	16.8	0.0	0.0	0.0	65.7	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-88.5
754	17590836.02	4838404.25	2.40	0	E	A	-35.8	16.8	0.0	0.0	0.0	65.7	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-88.5
762	17590865.89	4838436.67	2.40	0	D	A	67.2	16.2	0.0	0.0	0.0	65.5	2.4	1.4	0.0	0.0	0.0	0.0	0.0	14.2
762	17590865.89	4838436.67	2.40	0	N	A	-35.8	16.2	0.0	0.0	0.0	65.5	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-88.9
762	17590865.89	4838436.67	2.40	0	E	A	-35.8	16.2	0.0	0.0	0.0	65.5	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-88.9
793	17590730.12	4838475.98	2.40	0	D	A	67.2	12.8	0.0	0.0	0.0	63.6	2.1	1.3	0.0	0.0	0.0	0.0	0.0	12.9
793	17590730.12	4838475.98	2.40	0	N	A	-35.8	12.8	0.0	0.0	0.0	63.6	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-90.1
793	17590730.12	4838475.98	2.40	0	E	A	-35.8	12.8	0.0	0.0	0.0	63.6	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-90.1
802	17590755.41	4838578.96	2.40	0	D	A	67.2	10.7	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	12.9
802	17590755.41	4838578.96	2.40	0	N	A	-35.8	10.7	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-90.2
802	17590755.41	4838578.96	2.40	0	E	A	-35.8	10.7	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-90.2
816	17590738.60	4838584.99	2.40	0	D	A	67.2	9.7	0.0	0.0	0.0	61.5	1.8	1.3	0.0	0.0	0.0	0.0	0.0	12.3
816	17590738.60	4838584.99	2.40	0	N	A	-35.8	9.7	0.0	0.0	0.0	61.5	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-90.8
816	17590738.60	4838584.99	2.40	0	E	A	-35.8	9.7	0.0	0.0	0.0	61.5	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-90.8
827	17590805.81	4838394.80	2.40	0	D	A	67.2	13.6	0.0	0.0	0.0	65.6	2.4	1.4	0.0	0.0	0.0	0.0	0.0	11.4
827	17590805.81	4838394.80	2.40	0	N	A	-35.8	13.6	0.0	0.0	0.0	65.6	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-91.7
827	17590805.81	4838394.80	2.40	0	E	A	-35.8	13.6	0.0	0.0	0.0	65.6	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-91.7
856	17590691.97	4838439.37	2.40	0	D	A	67.2	11.9	0.0	0.0	0.0	64.1	2.2	1.2	0.0	0.0	0.0	0.0	0.0	11.7
856	17590691.97	4838439.37	2.40	0	N	A	-35.8	11.9	0.0	0.0	0.0	64.1	2.2	1.2	0.0	0.0	0.0	0.0	0.0	-91.3
856	17590691.97	4838439.37	2.40	0	E	A	-35.8	11.9	0.0	0.0	0.0	64.1	2.2	1.2	0.0	0.0	0.0	0.0	0.0	-91.3
871	17590706.31	4838428.20	2.40	0	D	A	67.2	11.8	0.0	0.0	0.0	64.4	2.2	1.3	0.0	0.0	0.0	0.0	0.0	11.1
871	17590706.31	4838428.20	2.40	0	N	A	-35.8	11.8	0.0	0.0	0.0	64.4	2.2	1.3	0.0	0.0	0.0	0.0	0.0	-91.9
871	17590706.31	4838428.20	2.40	0	E	A	-35.8	11.8	0.0	0.0	0.0	64.4	2.2	1.3	0.0	0.0	0.0	0.0	0.0	-91.9
901	17590746.79	4838583.07	2.40	0	D	A	67.2	8.8	0.0	0.0	0.0	61.7	1.8	1.3	0.0	0.0	0.0	0.0	0.0	11.2
901	17590746.79	4838583.07	2.40	0	N	A	-35.8	8.8	0.0	0.0	0.0	61.7	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-91.8
901	17590746.79	4838583.07	2.40	0	E	A	-35.8	8.8	0.0	0.0	0.0	61.7	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-91.8
942	17590679.30	4838522.33	2.40	0	D	A	67.2	8.3	0.0	0.0	0.0	62.3	1.9	1.3	0.0	0.0	0.0	0.0	0.0	10.0
942	17590679.30	4838522.33	2.40	0	N	A	-35.8	8.3	0.0	0.0	0.0	62.3	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-93.0
942	17590679.30	4838522.33	2.40	0	E	A	-35.8	8.3	0.0	0.0	0.0	62.3	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-93.0

Line Source, ISO 9613, Name: "Walker - 2 Heavy Trk", ID: "Walker_HeavyTrkMove01"																				
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)
294	17590894.74	4838236.79	2.40	0	D	A	67.2	22.9	0.0	0.0	0.0	68.1	2.9	-1.7	0.0	0.0	0.0	0.0	0.0	20.8
294	17590894.74	4838236.79	2.40	0	N	A	-35.8	22.9	0.0	0.0	0.0	68.1	2.9	-1.7	0.0	0.0	0.0	0.0	0.0	-82.2
294	17590894.74	4838236.79	2.40	0	E	A	-35.8	22.9	0.0	0.0	0.0	68.1	2.9	-1.7	0.0	0.0	0.0	0.0	0.0	-82.2
296	17590754.41	4838371.66	2.40	0	D	A	67.2	22.9	0.0	0.0	0.0	65.6	2.4	0.8	0.0	0.0	0.0	0.0	0.0	21.3
296	17590754.41	4838371.66	2.40	0	N	A	-35.8	22.9	0.0	0.0	0.0	65.6	2.4	0.8	0.0	0.0	0.0	0.0	0.0	-81.7
296	17590754.41	4838371.66	2.40	0	E	A	-35.8	22.9	0.0	0.0	0.0	65.6	2.4	0.8	0.0	0.0	0.0	0.0	0.0	-81.7

Line Source, ISO 9613, Name: "Walker - 2 Heavy Trk", ID: "Walker_HeavyTrkMove01"																				
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)
298	17590716.93	4838407.68	2.40	1	D	A	67.2	13.8	0.0	0.0	0.0	65.1	2.3	-0.9	0.0	0.0	0.0	0.0	11.2	3.1
298	17590716.93	4838407.68	2.40	1	N	A	-35.8	13.8	0.0	0.0	0.0	65.1	2.3	-0.9	0.0	0.0	0.0	0.0	11.2	-99.9
298	17590716.93	4838407.68	2.40	1	E	A	-35.8	13.8	0.0	0.0	0.0	65.1	2.3	-0.9	0.0	0.0	0.0	0.0	11.2	-99.9
300	17590951.19	4838182.55	2.40	1	D	A	67.2	13.2	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-10.9
300	17590951.19	4838182.55	2.40	1	N	A	-35.8	13.2	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-113.9
300	17590951.19	4838182.55	2.40	1	E	A	-35.8	13.2	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-113.9
302	17590916.47	4838215.91	2.40	1	D	A	67.2	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-2.8
302	17590916.47	4838215.91	2.40	1	N	A	-35.8	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.8
302	17590916.47	4838215.91	2.40	1	E	A	-35.8	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.8
321	17590771.78	4838358.01	2.40	0	D	A	67.2	22.6	0.0	0.0	0.0	65.9	2.5	1.0	0.0	0.0	0.0	0.0	0.0	20.4
321	17590771.78	4838358.01	2.40	0	N	A	-35.8	22.6	0.0	0.0	0.0	65.9	2.5	1.0	0.0	0.0	0.0	0.0	0.0	-82.6
321	17590771.78	4838358.01	2.40	0	E	A	-35.8	22.6	0.0	0.0	0.0	65.9	2.5	1.0	0.0	0.0	0.0	0.0	0.0	-82.6
323	17590901.47	4838232.80	2.40	0	D	A	67.2	22.6	0.0	0.0	0.0	68.2	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	19.8
323	17590901.47	4838232.80	2.40	0	N	A	-35.8	22.6	0.0	0.0	0.0	68.2	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	-83.2
323	17590901.47	4838232.80	2.40	0	E	A	-35.8	22.6	0.0	0.0	0.0	68.2	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	-83.2
325	17590721.28	4838406.76	2.40	1	D	A	67.2	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.3	3.1
325	17590721.28	4838406.76	2.40	1	N	A	-35.8	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.3	-99.9
325	17590721.28	4838406.76	2.40	1	E	A	-35.8	13.8	0.0	0.0	0.0	65.2	2.3	-0.9	0.0	0.0	0.0	0.0	11.3	-99.9
327	17590954.95	4838181.16	2.40	1	D	A	67.2	13.2	0.0	0.0	0.0	69.3	3.1	0.6	0.0	0.0	4.2	0.0	14.1	-11.0
327	17590954.95	4838181.16	2.40	1	N	A	-35.8	13.2	0.0	0.0	0.0	69.3	3.1	0.6	0.0	0.0	4.2	0.0	14.1	-114.0
327	17590954.95	4838181.16	2.40	1	E	A	-35.8	13.2	0.0	0.0	0.0	69.3	3.1	0.6	0.0	0.0	4.2	0.0	14.1	-114.0
329	17590920.53	4838214.40	2.40	1	D	A	67.2	14.2	0.0	0.0	0.0	68.8	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-2.9
329	17590920.53	4838214.40	2.40	1	N	A	-35.8	14.2	0.0	0.0	0.0	68.8	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.9
329	17590920.53	4838214.40	2.40	1	E	A	-35.8	14.2	0.0	0.0	0.0	68.8	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.9
564	17590783.95	4838555.01	2.40	0	D	A	67.2	17.4	0.0	0.0	0.0	62.7	2.0	1.3	0.0	0.0	0.0	0.0	0.0	18.6
564	17590783.95	4838555.01	2.40	0	N	A	-35.8	17.4	0.0	0.0	0.0	62.7	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-84.4
564	17590783.95	4838555.01	2.40	0	E	A	-35.8	17.4	0.0	0.0	0.0	62.7	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-84.4
576	17590769.28	4838431.22	2.40	0	D	A	67.2	19.2	0.0	0.0	0.0	64.7	2.3	1.4	0.0	0.0	0.0	0.0	0.0	18.0
576	17590769.28	4838431.22	2.40	0	N	A	-35.8	19.2	0.0	0.0	0.0	64.7	2.3	1.4	0.0	0.0	0.0	0.0	0.0	-85.0
576	17590769.28	4838431.22	2.40	0	E	A	-35.8	19.2	0.0	0.0	0.0	64.7	2.3	1.4	0.0	0.0	0.0	0.0	0.0	-85.0
580	17590701.33	4838499.88	2.40	0	D	A	67.2	17.5	0.0	0.0	0.0	63.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	18.4
580	17590701.33	4838499.88	2.40	0	N	A	-35.8	17.5	0.0	0.0	0.0	63.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-84.6
580	17590701.33	4838499.88	2.40	0	E	A	-35.8	17.5	0.0	0.0	0.0	63.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	-84.6
618	17590695.82	4838579.47	2.40	0	D	A	67.2	15.8	0.0	0.0	0.0	61.1	1.7	1.3	0.0	0.0	0.0	0.0	0.0	18.9
618	17590695.82	4838579.47	2.40	0	N	A	-35.8	15.8	0.0	0.0	0.0	61.1	1.7	1.3	0.0	0.0	0.0	0.0	0.0	-84.1
618	17590695.82	4838579.47	2.40	0	E	A	-35.8	15.8	0.0	0.0	0.0	61.1	1.7	1.3	0.0	0.0	0.0	0.0	0.0	-84.1
684	17590856.93	4838478.51	2.40	0	D	A	67.2	17.8	0.0	0.0	0.0	64.8	2.3	1.4	0.0	0.0	0.0	0.0	0.0	16.5
684	17590856.93	4838478.51	2.40	0	N	A	-35.8	17.8	0.0	0.0	0.0	64.8	2.3	1.4	0.0	0.0	0.0	0.0	0.0	-86.5
684	17590856.93	4838478.51	2.40	0	E	A	-35.8	17.8	0.0	0.0	0.0	64.8	2.3	1.4	0.0	0.0	0.0	0.0	0.0	-86.5
688	17590821.13	4838519.40	2.40	0	D	A	67.2	16.8	0.0	0.0	0.0	63.8	2.1	1.3	0.0	0.0	0.0	0.0	0.0	16.8
688	17590821.13	4838519.40	2.40	0	N	A	-35.8	16.8	0.0	0.0	0.0	63.8	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-86.2
688	17590821.13	4838519.40	2.40	0	E	A	-35.8	16.8	0.0	0.0	0.0	63.8	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-86.2
694	17590719.08	4838455.31	2.40	0	D	A	67.2	17.0	0.0	0.0	0.0	63.9	2.1	1.3	0.0	0.0	0.0	0.0	0.0	16.7
694	17590719.08	4838455.31	2.40	0	N	A	-35.8	17.0	0.0	0.0	0.0	63.9	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-86.3
694	17590719.08	4838455.31	2.40	0	E	A	-35.8	17.0	0.0	0.0	0.0	63.9	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-86.3
708	17590724.43	4838449.42	2.40	0	D	A	67.2	16.7	0.0	0.0	0.0	64.1	2.2	1.4	0.0	0.0	0.0	0.0	0.0	16.2
708	17590724.43	4838449.42	2.40	0	N	A	-35.8	16.7	0.0	0.0	0.0	64.1	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-86.8
708	17590724.43	4838449.42	2.40	0	E	A	-35.8	16.7	0.0	0.0	0.0	64.1	2.2	1.4	0.0	0.0	0.0	0.0	0.0	-86.8
716	17590724.85	4838586.04	2.40	0	D	A	67.2	13.6	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	16.5
716	17590724.85	4838586.04	2.40	0	N	A	-35.8	13.6	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-86.6
716	17590724.85	4838586.04	2.40	0	E	A	-35.8	13.6	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-86.6
718	17590673.57	4838562.07	2.40	0	D	A	67.2	13.5	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	16.3
718	17590673.57	4838562.07	2.40	0	N	A	-35.8	13.5	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-86.7
718	17590673.57	4838562.07	2.40	0	E	A	-35.8	13.5	0.0	0.0	0.0	61.3	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-86.7
752	17590671.83	4838542.41	2.40	0	D	A	67.2	13.0	0.0	0.0	0.0	61.8	1.8	1.3	0.0	0.0	0.0	0.0	0.0	15.3
752	17590671.83	4838542.41	2.40	0	N	A	-35.8	13.0	0.0	0.0	0.0	61.8	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-87.7
752	17590671.83	4838542.41	2.40	0	E	A	-35.8	13.0	0.0	0.0	0.0	61.8	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-87.7
756	17590836.02	4838404.14	2.40	0	D	A	67.2	16.8	0.0	0.0	0.0	65.7	2.4	1.4	0.0	0.0	0.0	0.0	0.0	14.5
756	17590836.02	4838404.14	2.40	0	N	A	-35.8	16.8	0.0	0.0	0.0	65.7	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-88.5
756	17590836.02	4838404.14	2.40	0	E	A	-35.8	16.8	0.0	0.0	0.0	65.7	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-88.5
764	17590865.89	4838436.57	2.40	0	D	A	67.2	16.2	0.0	0.0	0.0	65.5	2.4	1.4	0.0	0.0	0.0	0.0	0.0	14.1
764	17590865.89	4838436.57	2.40	0	N	A	-35.8	16.2	0.0	0.0	0.0	65.5	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-88.9
764	17590865.89	4838436.57	2.40	0	E	A	-35.8	16.2	0.0	0.0	0.0	65.5	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-88.9

Line Source, ISO 9613, Name: "Walker - 2 Heavy Trk", ID: "Walker_HeavyTrkMove01"																				
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)
770	17590756.67	4838577.65	2.40	0	D	A	67.2	12.1	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	14.3
770	17590756.67	4838577.65	2.40	0	N	A	-35.8	12.1	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-88.7
770	17590756.67	4838577.65	2.40	0	E	A	-35.8	12.1	0.0	0.0	0.0	61.9	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-88.7
782	17590743.06	4838583.75	2.40	0	D	A	67.2	11.4	0.0	0.0	0.0	61.6	1.8	1.3	0.0	0.0	0.0	0.0	0.0	13.9
782	17590743.06	4838583.75	2.40	0	N	A	-35.8	11.4	0.0	0.0	0.0	61.6	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-89.1
782	17590743.06	4838583.75	2.40	0	E	A	-35.8	11.4	0.0	0.0	0.0	61.6	1.8	1.3	0.0	0.0	0.0	0.0	0.0	-89.1
794	17590730.12	4838475.88	2.40	0	D	A	67.2	12.8	0.0	0.0	0.0	63.6	2.1	1.3	0.0	0.0	0.0	0.0	0.0	12.9
794	17590730.12	4838475.88	2.40	0	N	A	-35.8	12.8	0.0	0.0	0.0	63.6	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-90.1
794	17590730.12	4838475.88	2.40	0	E	A	-35.8	12.8	0.0	0.0	0.0	63.6	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-90.1
829	17590805.81	4838394.69	2.40	0	D	A	67.2	13.6	0.0	0.0	0.0	65.6	2.4	1.4	0.0	0.0	0.0	0.0	0.0	11.3
829	17590805.81	4838394.69	2.40	0	N	A	-35.8	13.6	0.0	0.0	0.0	65.6	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-91.7
829	17590805.81	4838394.69	2.40	0	E	A	-35.8	13.6	0.0	0.0	0.0	65.6	2.4	1.4	0.0	0.0	0.0	0.0	0.0	-91.7
831	17590676.73	4838528.13	2.40	0	D	A	67.2	10.1	0.0	0.0	0.0	62.2	1.9	1.3	0.0	0.0	0.0	0.0	0.0	12.0
831	17590676.73	4838528.13	2.40	0	N	A	-35.8	10.1	0.0	0.0	0.0	62.2	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-91.0
831	17590676.73	4838528.13	2.40	0	E	A	-35.8	10.1	0.0	0.0	0.0	62.2	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-91.0
858	17590691.97	4838439.26	2.40	0	D	A	67.2	11.9	0.0	0.0	0.0	64.1	2.2	1.2	0.0	0.0	0.0	0.0	0.0	11.7
858	17590691.97	4838439.26	2.40	0	N	A	-35.8	11.9	0.0	0.0	0.0	64.1	2.2	1.2	0.0	0.0	0.0	0.0	0.0	-91.3
858	17590691.97	4838439.26	2.40	0	E	A	-35.8	11.9	0.0	0.0	0.0	64.1	2.2	1.2	0.0	0.0	0.0	0.0	0.0	-91.3
873	17590706.31	4838428.09	2.40	0	D	A	67.2	11.8	0.0	0.0	0.0	64.4	2.2	1.3	0.0	0.0	0.0	0.0	0.0	11.1
873	17590706.31	4838428.09	2.40	0	N	A	-35.8	11.8	0.0	0.0	0.0	64.4	2.2	1.3	0.0	0.0	0.0	0.0	0.0	-91.9
873	17590706.31	4838428.09	2.40	0	E	A	-35.8	11.8	0.0	0.0	0.0	64.4	2.2	1.3	0.0	0.0	0.0	0.0	0.0	-91.9
971	17590679.78	4838521.28	2.40	0	D	A	67.2	6.7	0.0	0.0	0.0	62.3	1.9	1.3	0.0	0.0	0.0	0.0	0.0	8.4
971	17590679.78	4838521.28	2.40	0	N	A	-35.8	6.7	0.0	0.0	0.0	62.3	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-94.7
971	17590679.78	4838521.28	2.40	0	E	A	-35.8	6.7	0.0	0.0	0.0	62.3	1.9	1.3	0.0	0.0	0.0	0.0	0.0	-94.7

Point Source, ISO 9613, Name: "", ID: "Walker_HeavyTrkIdle03"																				
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)
304	17590805.55	4838281.08	2.40	0	D	A	100.9	0.0	-4.8	0.0	0.0	67.1	3.1	0.4	0.0	0.0	0.0	0.0	0.0	25.6
304	17590805.55	4838281.08	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	67.1	3.1	0.4	0.0	0.0	0.0	0.0	0.0	-157.6
304	17590805.55	4838281.08	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	67.1	3.1	0.4	0.0	0.0	0.0	0.0	0.0	-157.6

Line Source, ISO 9613, Name: "Walker - 2 Heavy Trk", ID: "Walker_HeavyTrkMove03"																				
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)
343	17590787.18	4838340.39	2.40	0	D	A	67.2	22.2	0.0	0.0	0.0	66.2	2.5	0.8	0.0	0.0	0.0	0.0	0.0	19.9
343	17590787.18	4838340.39	2.40	0	N	A	-35.8	22.2	0.0	0.0	0.0	66.2	2.5	0.8	0.0	0.0	0.0	0.0	0.0	-83.1
343	17590787.18	4838340.39	2.40	0	E	A	-35.8	22.2	0.0	0.0	0.0	66.2	2.5	0.8	0.0	0.0	0.0	0.0	0.0	-83.1
345	17590909.22	4838225.65	2.40	0	D	A	67.2	22.2	0.0	0.0	0.0	68.3	2.9	-0.6	0.0	0.0	0.0	0.0	0.0	18.8
345	17590909.22	4838225.65	2.40	0	N	A	-35.8	22.2	0.0	0.0	0.0	68.3	2.9	-0.6	0.0	0.0	0.0	0.0	0.0	-84.3
345	17590909.22	4838225.65	2.40	0	E	A	-35.8	22.2	0.0	0.0	0.0	68.3	2.9	-0.6	0.0	0.0	0.0	0.0	0.0	-84.3
347	17590957.55	4838180.20	2.40	1	D	A	67.2	13.3	0.0	0.0	0.0	69.4	3.1	0.5	0.0	0.0	4.3	0.0	14.1	-10.9
347	17590957.55	4838180.20	2.40	1	N	A	-35.8	13.3	0.0	0.0	0.0	69.4	3.1	0.5	0.0	0.0	4.3	0.0	14.1	-113.9
347	17590957.55	4838180.20	2.40	1	E	A	-35.8	13.3	0.0	0.0	0.0	69.4	3.1	0.5	0.0	0.0	4.3	0.0	14.1	-113.9
349	17590921.62	4838213.99	2.40	1	D	A	67.2	14.4	0.0	0.0	0.0	68.8	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-2.7
349	17590921.62	4838213.99	2.40	1	N	A	-35.8	14.4	0.0	0.0	0.0	68.8	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.7
349	17590921.62	4838213.99	2.40	1	E	A	-35.8	14.4	0.0	0.0	0.0	68.8	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.7
351	17590907.98	4838223.66	2.40	0	D	A	67.2	22.2	0.0	0.0	0.0	68.3	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	18.9
351	17590907.98	4838223.66	2.40	0	N	A	-35.8	22.2	0.0	0.0	0.0	68.3	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	-84.1
351	17590907.98	4838223.66	2.40	0	E	A	-35.8	22.2	0.0	0.0	0.0	68.3	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	-84.1
353	17590788.88	4838336.73	2.40	0	D	A	67.2	22.2	0.0	0.0	0.0	66.3	2.5	0.8	0.0	0.0	0.0	0.0	0.0	19.8
353	17590788.88	4838336.73	2.40	0	N	A	-35.8	22.2	0.0	0.0	0.0	66.3	2.5	0.8	0.0	0.0	0.0	0.0	0.0	-83.3
353	17590788.88	4838336.73	2.40	0	E	A	-35.8	22.2	0.0	0.0	0.0	66.3	2.5	0.8	0.0	0.0	0.0	0.0	0.0	-83.3
355	17590951.37	4838182.48	2.40	1	D	A	67.2	13.3	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-10.8
355	17590951.37	4838182.48	2.40	1	N	A	-35.8	13.3	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-113.8
355	17590951.37	4838182.48	2.40	1	E	A	-35.8	13.3	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-113.8
357	17590915.95	4838216.10	2.40	1	D	A	67.2	14.3	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-2.7
357	17590915.95	4838216.10	2.40	1	N	A	-35.8	14.3	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.7
357	17590915.95	4838216.10	2.40	1	E	A	-35.8	14.3	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.7
678	17590759.08	4838334.44	2.40	0	D	A	67.2	19.4	0.0	0.0	0.0	66.1	2.5	0.7	0.0	0.0	0.0	0.0	0.0	17.1
678	17590759.08	4838334.44	2.40	0	N	A	-35.8	19.4	0.0	0.0	0.0	66.1	2.5	0.7	0.0	0.0	0.0	0.0	0.0	-85.9
678	17590759.08	4838334.44	2.40	0	E	A	-35.8	19.4	0.0	0.0	0.0	66.1	2.5	0.7	0.0	0.0	0.0	0.0	0.0	-85.9
780	17590683.68	4838319.36	2.40	0	D	A	67.2	15.8	0.0	0.0	0.0	66.0	2.5	0.8	0.0	0.0	4.0	0.0	0.0	9.7

Line Source, ISO 9613, Name: "Walker - 2 Heavy Trk", ID: "Walker_HeavyTrkMove03"																				
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)
780	17590683.68	4838319.36	2.40	0	N	A	-35.8	15.8	0.0	0.0	0.0	66.0	2.5	0.8	0.0	0.0	4.0	0.0	0.0	-93.4
780	17590683.68	4838319.36	2.40	0	E	A	-35.8	15.8	0.0	0.0	0.0	66.0	2.5	0.8	0.0	0.0	4.0	0.0	0.0	-93.4
796	17590684.51	4838283.27	2.40	0	D	A	67.2	15.6	0.0	0.0	0.0	66.6	2.6	1.2	0.0	0.0	3.6	0.0	0.0	8.8
796	17590684.51	4838283.27	2.40	0	N	A	-35.8	15.6	0.0	0.0	0.0	66.6	2.6	1.2	0.0	0.0	3.6	0.0	0.0	-94.2
796	17590684.51	4838283.27	2.40	0	E	A	-35.8	15.6	0.0	0.0	0.0	66.6	2.6	1.2	0.0	0.0	3.6	0.0	0.0	-94.2
798	17590692.98	4838345.89	2.40	0	D	A	67.2	12.9	0.0	0.0	0.0	65.7	2.4	0.3	0.0	0.0	3.7	0.0	0.0	8.0
798	17590692.98	4838345.89	2.40	0	N	A	-35.8	12.9	0.0	0.0	0.0	65.7	2.4	0.3	0.0	0.0	3.7	0.0	0.0	-95.0
798	17590692.98	4838345.89	2.40	0	E	A	-35.8	12.9	0.0	0.0	0.0	65.7	2.4	0.3	0.0	0.0	3.7	0.0	0.0	-95.0
800	17590701.35	4838357.31	2.40	0	D	A	67.2	9.4	0.0	0.0	0.0	65.5	2.4	0.2	0.0	0.0	0.0	0.0	0.0	8.4
800	17590701.35	4838357.31	2.40	0	N	A	-35.8	9.4	0.0	0.0	0.0	65.5	2.4	0.2	0.0	0.0	0.0	0.0	0.0	-94.6
800	17590701.35	4838357.31	2.40	0	E	A	-35.8	9.4	0.0	0.0	0.0	65.5	2.4	0.2	0.0	0.0	0.0	0.0	0.0	-94.6
806	17590730.45	4838255.76	2.40	0	D	A	67.2	15.7	0.0	0.0	0.0	67.1	2.7	1.2	0.0	0.0	0.0	0.0	0.0	11.8
806	17590730.45	4838255.76	2.40	0	N	A	-35.8	15.7	0.0	0.0	0.0	67.1	2.7	1.2	0.0	0.0	0.0	0.0	0.0	-91.2
806	17590730.45	4838255.76	2.40	0	E	A	-35.8	15.7	0.0	0.0	0.0	67.1	2.7	1.2	0.0	0.0	0.0	0.0	0.0	-91.2
808	17590730.45	4838255.76	2.40	1	D	A	67.2	15.7	0.0	0.0	0.0	68.6	3.0	1.5	0.0	0.0	0.0	0.0	12.0	-2.1
808	17590730.45	4838255.76	2.40	1	N	A	-35.8	15.7	0.0	0.0	0.0	68.6	3.0	1.5	0.0	0.0	0.0	0.0	12.0	-105.1
808	17590730.45	4838255.76	2.40	1	E	A	-35.8	15.7	0.0	0.0	0.0	68.6	3.0	1.5	0.0	0.0	0.0	0.0	12.0	-105.1
824	17590701.53	4838256.39	2.40	0	D	A	67.2	15.0	0.0	0.0	0.0	67.0	2.7	1.2	0.0	0.0	3.6	0.0	0.0	7.7
824	17590701.53	4838256.39	2.40	0	N	A	-35.8	15.0	0.0	0.0	0.0	67.0	2.7	1.2	0.0	0.0	3.6	0.0	0.0	-95.3
824	17590701.53	4838256.39	2.40	0	E	A	-35.8	15.0	0.0	0.0	0.0	67.0	2.7	1.2	0.0	0.0	3.6	0.0	0.0	-95.3
826	17590701.53	4838256.39	2.40	1	D	A	67.2	15.0	0.0	0.0	0.0	68.9	3.0	1.5	0.0	0.0	0.0	0.0	12.2	-3.4
826	17590701.53	4838256.39	2.40	1	N	A	-35.8	15.0	0.0	0.0	0.0	68.9	3.0	1.5	0.0	0.0	0.0	0.0	12.2	-106.4
826	17590701.53	4838256.39	2.40	1	E	A	-35.8	15.0	0.0	0.0	0.0	68.9	3.0	1.5	0.0	0.0	0.0	0.0	12.2	-106.4
833	17590725.34	4838372.37	2.40	0	D	A	67.2	13.2	0.0	0.0	0.0	65.4	2.4	0.6	0.0	0.0	0.0	0.0	0.0	12.0
833	17590725.34	4838372.37	2.40	0	N	A	-35.8	13.2	0.0	0.0	0.0	65.4	2.4	0.6	0.0	0.0	0.0	0.0	0.0	-91.0
833	17590725.34	4838372.37	2.40	0	E	A	-35.8	13.2	0.0	0.0	0.0	65.4	2.4	0.6	0.0	0.0	0.0	0.0	0.0	-91.0
835	17590798.92	4838293.98	2.40	0	D	A	67.2	14.7	0.0	0.0	0.0	66.9	2.6	1.0	0.0	0.0	0.0	0.0	0.0	11.3
835	17590798.92	4838293.98	2.40	0	N	A	-35.8	14.7	0.0	0.0	0.0	66.9	2.6	1.0	0.0	0.0	0.0	0.0	0.0	-91.7
835	17590798.92	4838293.98	2.40	0	E	A	-35.8	14.7	0.0	0.0	0.0	66.9	2.6	1.0	0.0	0.0	0.0	0.0	0.0	-91.7
907	17590716.69	4838379.96	2.40	0	D	A	67.2	12.2	0.0	0.0	0.0	65.2	2.3	0.7	0.0	0.0	0.0	0.0	0.0	11.0
907	17590716.69	4838379.96	2.40	0	N	A	-35.8	12.2	0.0	0.0	0.0	65.2	2.3	0.7	0.0	0.0	0.0	0.0	0.0	-92.0
907	17590716.69	4838379.96	2.40	0	E	A	-35.8	12.2	0.0	0.0	0.0	65.2	2.3	0.7	0.0	0.0	0.0	0.0	0.0	-92.0
909	17590796.23	4838272.16	2.40	0	D	A	67.2	14.1	0.0	0.0	0.0	67.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	10.0
909	17590796.23	4838272.16	2.40	0	N	A	-35.8	14.1	0.0	0.0	0.0	67.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	-93.0
909	17590796.23	4838272.16	2.40	0	E	A	-35.8	14.1	0.0	0.0	0.0	67.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	-93.0
911	17590789.02	4838265.40	2.40	1	D	A	67.2	7.6	0.0	0.0	0.0	68.0	2.9	0.9	0.0	0.0	0.0	0.0	5.9	-2.9
911	17590789.02	4838265.40	2.40	1	N	A	-35.8	7.6	0.0	0.0	0.0	68.0	2.9	0.9	0.0	0.0	0.0	0.0	5.9	-105.9
911	17590789.02	4838265.40	2.40	1	E	A	-35.8	7.6	0.0	0.0	0.0	68.0	2.9	0.9	0.0	0.0	0.0	0.0	5.9	-105.9
913	17590768.85	4838257.10	2.40	0	D	A	67.2	1.4	0.0	0.0	0.0	67.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	-2.8
913	17590768.85	4838257.10	2.40	0	N	A	-35.8	1.4	0.0	0.0	0.0	67.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	-105.8
913	17590768.85	4838257.10	2.40	0	E	A	-35.8	1.4	0.0	0.0	0.0	67.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	-105.8
915	17590757.44	4838260.93	2.40	0	D	A	67.2	13.6	0.0	0.0	0.0	67.1	2.7	1.4	0.0	0.0	0.0	0.0	0.0	9.5
915	17590757.44	4838260.93	2.40	0	N	A	-35.8	13.6	0.0	0.0	0.0	67.1	2.7	1.4	0.0	0.0	0.0	0.0	0.0	-93.5
915	17590757.44	4838260.93	2.40	0	E	A	-35.8	13.6	0.0	0.0	0.0	67.1	2.7	1.4	0.0	0.0	0.0	0.0	0.0	-93.5
917	17590758.09	4838260.71	2.40	1	D	A	67.2	13.8	0.0	0.0	0.0	68.3	2.9	1.4	0.0	0.0	0.0	0.0	5.7	2.6
917	17590758.09	4838260.71	2.40	1	N	A	-35.8	13.8	0.0	0.0	0.0	68.3	2.9	1.4	0.0	0.0	0.0	0.0	5.7	-100.4
917	17590758.09	4838260.71	2.40	1	E	A	-35.8	13.8	0.0	0.0	0.0	68.3	2.9	1.4	0.0	0.0	0.0	0.0	5.7	-100.4
925	17590708.70	4838366.61	2.40	0	D	A	67.2	11.8	0.0	0.0	0.0	65.4	2.4	0.3	0.0	0.0	0.0	0.0	0.0	10.9
925	17590708.70	4838366.61	2.40	0	N	A	-35.8	11.8	0.0	0.0	0.0	65.4	2.4	0.3	0.0	0.0	0.0	0.0	0.0	-92.1
925	17590708.70	4838366.61	2.40	0	E	A	-35.8	11.8	0.0	0.0	0.0	65.4	2.4	0.3	0.0	0.0	0.0	0.0	0.0	-92.1
946	17590723.03	4838392.64	2.40	0	D	A	67.2	10.8	0.0	0.0	0.0	65.1	2.3	0.6	0.0	0.0	0.0	0.0	0.0	10.0
946	17590723.03	4838392.64	2.40	0	N	A	-35.8	10.8	0.0	0.0	0.0	65.1	2.3	0.6	0.0	0.0	0.0	0.0	0.0	-93.0
946	17590723.03	4838392.64	2.40	0	E	A	-35.8	10.8	0.0	0.0	0.0	65.1	2.3	0.6	0.0	0.0	0.0	0.0	0.0	-93.0
956	17590778.21	4838260.16	2.40	0	D	A	67.2	12.7	0.0	0.0	0.0	67.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	8.5
956	17590778.21	4838260.16	2.40	0	N	A	-35.8	12.7	0.0	0.0	0.0	67.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	-94.5
956	17590778.21	4838260.16	2.40	0	E	A	-35.8	12.7	0.0	0.0	0.0	67.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	-94.5
957	17590773.05	4838258.21	2.40	1	D	A	67.2	8.8	0.0	0.0	0.0	68.1	2.9	1.4	0.0	0.0	0.0	0.0	5.7	-2.1
957	17590773.05	4838258.21	2.40	1	N	A	-35.8	8.8	0.0	0.0	0.0	68.1	2.9	1.4	0.0	0.0	0.0	0.0	5.7	-105.1
957	17590773.05	4838258.21	2.40	1	E	A	-35.8	8.8	0.0	0.0	0.0	68.1	2.9	1.4	0.0	0.0	0.0	0.0	5.7	-105.1
958	17590781.38	4838261.35	2.40	1	D	A	67.2	10.7	0.0	0.0	0.0	68.1	2.9	1.3	0.0	0.0	0.0	0.0	5.7	-0.1
958	17590781.38	4838261.35	2.40	1	N	A	-35.8	10.7	0.0	0.0	0.0	68.1	2.9	1.3	0.0	0.0	0.0	0.0	5.7	-103.1
958	17590781.38	4838261.35	2.40	1	E	A	-35.8	10.7	0.0	0.0	0.0	68.1	2.9	1.3	0.0	0.0	0.0	0.0	5.7	-103.1
959	17590727.08	4838388.10	2.40	0	D	A	67.2	10.5	0.0	0.0	0.0	65.1	2.3	0.6	0.0	0.0	0.0	0.0	0.0	9.6

Line Source, ISO 9613, Name: "Walker - 2 Heavy Trk", ID: "Walker_HeavyTrkMove03"																				
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)
959	17590727.08	4838388.10	2.40	0	N	A	-35.8	10.5	0.0	0.0	0.0	65.1	2.3	0.6	0.0	0.0	0.0	0.0	0.0	-93.4
959	17590727.08	4838388.10	2.40	0	E	A	-35.8	10.5	0.0	0.0	0.0	65.1	2.3	0.6	0.0	0.0	0.0	0.0	0.0	-93.4

Line Source, ISO 9613, Name: "Corteva - 3 Heavy Trk", ID: "Cort_HeavyTrkMove"																				
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)
361	17591157.53	4838960.50	2.40	0	D	A	68.9	10.5	0.0	0.0	0.0	66.6	2.6	-0.4	0.0	0.0	5.9	0.0	0.0	4.9
361	17591157.53	4838960.50	2.40	0	N	A	-35.8	10.5	0.0	0.0	0.0	66.6	2.6	-0.4	0.0	0.0	5.9	0.0	0.0	-99.9
361	17591157.53	4838960.50	2.40	0	E	A	-35.8	10.5	0.0	0.0	0.0	66.6	2.6	-0.4	0.0	0.0	5.9	0.0	0.0	-99.9
363	17591149.86	4838952.78	2.40	0	D	A	68.9	10.2	0.0	0.0	0.0	66.4	2.6	-0.1	0.0	0.0	5.8	0.0	0.0	4.5
363	17591149.86	4838952.78	2.40	0	N	A	-35.8	10.2	0.0	0.0	0.0	66.4	2.6	-0.1	0.0	0.0	5.8	0.0	0.0	-100.3
363	17591149.86	4838952.78	2.40	0	E	A	-35.8	10.2	0.0	0.0	0.0	66.4	2.6	-0.1	0.0	0.0	5.8	0.0	0.0	-100.3
365	17591141.14	4838944.00	2.40	0	D	A	68.9	11.5	0.0	0.0	0.0	66.3	2.5	0.2	0.0	0.0	6.0	0.0	0.0	5.5
365	17591141.14	4838944.00	2.40	0	N	A	-35.8	11.5	0.0	0.0	0.0	66.3	2.5	0.2	0.0	0.0	6.0	0.0	0.0	-99.3
365	17591141.14	4838944.00	2.40	0	E	A	-35.8	11.5	0.0	0.0	0.0	66.3	2.5	0.2	0.0	0.0	6.0	0.0	0.0	-99.3
367	17591127.49	4838930.25	2.40	0	D	A	68.9	13.9	0.0	0.0	0.0	66.1	2.5	0.1	0.0	0.0	4.9	0.0	0.0	9.2
367	17591127.49	4838930.25	2.40	0	N	A	-35.8	13.9	0.0	0.0	0.0	66.1	2.5	0.1	0.0	0.0	4.9	0.0	0.0	-95.6
367	17591127.49	4838930.25	2.40	0	E	A	-35.8	13.9	0.0	0.0	0.0	66.1	2.5	0.1	0.0	0.0	4.9	0.0	0.0	-95.6
369	17591076.24	4838878.67	2.40	0	D	A	68.9	20.8	0.0	0.0	0.0	65.2	2.3	1.1	0.0	0.0	0.0	0.0	0.0	21.2
369	17591076.24	4838878.67	2.40	0	N	A	-35.8	20.8	0.0	0.0	0.0	65.2	2.3	1.1	0.0	0.0	0.0	0.0	0.0	-83.6
369	17591076.24	4838878.67	2.40	0	E	A	-35.8	20.8	0.0	0.0	0.0	65.2	2.3	1.1	0.0	0.0	0.0	0.0	0.0	-83.6
371	17591079.28	4838881.72	2.40	1	D	A	68.9	10.6	0.0	0.0	0.0	66.9	2.6	0.9	0.0	0.0	0.0	0.0	27.7	-18.7
371	17591079.28	4838881.72	2.40	1	N	A	-35.8	10.6	0.0	0.0	0.0	66.9	2.6	0.9	0.0	0.0	0.0	0.0	27.7	-123.4
371	17591079.28	4838881.72	2.40	1	E	A	-35.8	10.6	0.0	0.0	0.0	66.9	2.6	0.9	0.0	0.0	0.0	0.0	27.7	-123.4
374	17591151.09	4838954.02	2.40	2	D	A	68.9	9.1	0.0	0.0	0.0	66.5	2.6	-0.2	0.0	0.0	5.1	0.0	9.0	-5.0
374	17591151.09	4838954.02	2.40	2	N	A	-35.8	9.1	0.0	0.0	0.0	66.5	2.6	-0.2	0.0	0.0	5.1	0.0	9.0	-109.8
374	17591151.09	4838954.02	2.40	2	E	A	-35.8	9.1	0.0	0.0	0.0	66.5	2.6	-0.2	0.0	0.0	5.1	0.0	9.0	-109.8
378	17591157.16	4838960.13	2.40	1	D	A	68.9	10.9	0.0	0.0	0.0	67.1	2.7	-1.7	0.0	0.0	0.0	0.0	12.6	-0.9
378	17591157.16	4838960.13	2.40	1	N	A	-35.8	10.9	0.0	0.0	0.0	67.1	2.7	-1.7	0.0	0.0	0.0	0.0	12.6	-105.6
378	17591157.16	4838960.13	2.40	1	E	A	-35.8	10.9	0.0	0.0	0.0	67.1	2.7	-1.7	0.0	0.0	0.0	0.0	12.6	-105.6
380	17591148.03	4838950.94	2.40	1	D	A	68.9	11.3	0.0	0.0	0.0	67.0	2.7	-1.7	0.0	0.0	6.5	0.0	12.6	-6.8
380	17591148.03	4838950.94	2.40	1	N	A	-35.8	11.3	0.0	0.0	0.0	67.0	2.7	-1.7	0.0	0.0	6.5	0.0	12.6	-111.6
380	17591148.03	4838950.94	2.40	1	E	A	-35.8	11.3	0.0	0.0	0.0	67.0	2.7	-1.7	0.0	0.0	6.5	0.0	12.6	-111.6
383	17591116.28	4838918.97	2.40	1	D	A	68.9	11.4	0.0	0.0	0.0	66.3	2.5	0.3	0.0	0.0	4.5	0.0	6.9	-0.2
383	17591116.28	4838918.97	2.40	1	N	A	-35.8	11.4	0.0	0.0	0.0	66.3	2.5	0.3	0.0	0.0	4.5	0.0	6.9	-105.0
383	17591116.28	4838918.97	2.40	1	E	A	-35.8	11.4	0.0	0.0	0.0	66.3	2.5	0.3	0.0	0.0	4.5	0.0	6.9	-105.0
385	17591088.58	4838891.09	2.40	2	D	A	68.9	11.4	0.0	0.0	0.0	67.0	2.7	-1.4	0.0	0.0	6.2	0.0	14.6	-8.7
385	17591088.58	4838891.09	2.40	2	N	A	-35.8	11.4	0.0	0.0	0.0	67.0	2.7	-1.4	0.0	0.0	6.2	0.0	14.6	-113.5
385	17591088.58	4838891.09	2.40	2	E	A	-35.8	11.4	0.0	0.0	0.0	67.0	2.7	-1.4	0.0	0.0	6.2	0.0	14.6	-113.5
387	17591133.93	4838936.74	2.40	2	D	A	68.9	8.4	0.0	0.0	0.0	66.4	2.6	0.7	0.0	0.0	0.0	0.0	7.7	-0.0
387	17591133.93	4838936.74	2.40	2	N	A	-35.8	8.4	0.0	0.0	0.0	66.4	2.6	0.7	0.0	0.0	0.0	0.0	7.7	-104.8
387	17591133.93	4838936.74	2.40	2	E	A	-35.8	8.4	0.0	0.0	0.0	66.4	2.6	0.7	0.0	0.0	0.0	0.0	7.7	-104.8
389	17591098.46	4838901.04	2.40	1	D	A	68.9	13.6	0.0	0.0	0.0	65.9	2.5	-0.6	0.0	0.0	0.0	0.0	6.2	8.5
389	17591098.46	4838901.04	2.40	1	N	A	-35.8	13.6	0.0	0.0	0.0	65.9	2.5	-0.6	0.0	0.0	0.0	0.0	6.2	-96.2
389	17591098.46	4838901.04	2.40	1	E	A	-35.8	13.6	0.0	0.0	0.0	65.9	2.5	-0.6	0.0	0.0	0.0	0.0	6.2	-96.2
391	17591121.61	4838924.34	2.40	2	D	A	68.9	9.5	0.0	0.0	0.0	66.5	2.6	-1.4	0.0	0.0	0.0	0.0	14.1	-3.3
391	17591121.61	4838924.34	2.40	2	N	A	-35.8	9.5	0.0	0.0	0.0	66.5	2.6	-1.4	0.0	0.0	0.0	0.0	14.1	-108.1
391	17591121.61	4838924.34	2.40	2	E	A	-35.8	9.5	0.0	0.0	0.0	66.5	2.6	-1.4	0.0	0.0	0.0	0.0	14.1	-108.1
394	17591118.22	4838920.93	2.40	1	D	A	68.9	13.6	0.0	0.0	0.0	66.2	2.5	-0.9	0.0	0.0	0.0	0.0	6.4	8.3
394	17591118.22	4838920.93	2.40	1	N	A	-35.8	13.6	0.0	0.0	0.0	66.2	2.5	-0.9	0.0	0.0	0.0	0.0	6.4	-96.5
394	17591118.22	4838920.93	2.40	1	E	A	-35.8	13.6	0.0	0.0	0.0	66.2	2.5	-0.9	0.0	0.0	0.0	0.0	6.4	-96.5
396	17591137.90	4838940.73	2.40	2	D	A	68.9	8.3	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	0.0	0.0	14.3	-4.8
396	17591137.90	4838940.73	2.40	2	N	A	-35.8	8.3	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	0.0	0.0	14.3	-109.6
396	17591137.90	4838940.73	2.40	2	E	A	-35.8	8.3	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	0.0	0.0	14.3	-109.6
398	17591128.78	4838931.56	2.40	2	D	A	68.9	5.7	0.0	0.0	0.0	66.6	2.6	-1.6	0.0	0.0	0.0	0.0	14.3	-7.2
398	17591128.78	4838931.56	2.40	2	N	A	-35.8	5.7	0.0	0.0	0.0	66.6	2.6	-1.6	0.0	0.0	0.0	0.0	14.3	-112.0
398	17591128.78	4838931.56	2.40	2	E	A	-35.8	5.7	0.0	0.0	0.0	66.6	2.6	-1.6	0.0	0.0	0.0	0.0	14.3	-112.0
401	17591145.58	4838948.47	2.40	1	D	A	68.9	7.5	0.0	0.0	0.0	66.8	2.6	-1.3	0.0	0.0	6.3	0.0	7.1	-5.0
401	17591145.58	4838948.47	2.40	1	N	A	-35.8	7.5	0.0	0.0	0.0	66.8	2.6	-1.3	0.0	0.0	6.3	0.0	7.1	-109.8
401	17591145.58	4838948.47	2.40	1	E	A	-35.8	7.5	0.0	0.0	0.0	66.8	2.6	-1.3	0.0	0.0	6.3	0.0	7.1	-109.8
405	17591096.27	4838898.82	2.40	1	D	A	68.9	10.4	0.0	0.0	0.0	66.0	2.5	1.0	0.0	0.0	0.0	0.0	5.5	4.5
405	17591096.27	4838898.82	2.40	1	N	A	-35.8	10.4	0.0	0.0	0.0	66.0	2.5	1.0	0.0	0.0	0.0	0.0	5.5	-100.3
405	17591096.27	4838898.82	2.40	1	E	A	-35.8	10.4	0.0	0.0	0.0	66.0	2.5	1.0	0.0	0.0	0.0	0.0	5.5	-100.3

Line Source, ISO 9613, Name: "Corteva - 3 Heavy Trk", ID: "Cort_HeavyTrkMove"																				
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)
407	17591089.37	4838891.88	2.40	1	D	A	68.9	9.3	0.0	0.0	0.0	66.1	2.5	1.0	0.0	0.0	0.0	0.0	5.5	3.2
407	17591089.37	4838891.88	2.40	1	N	A	-35.8	9.3	0.0	0.0	0.0	66.1	2.5	1.0	0.0	0.0	0.0	0.0	5.5	-101.6
407	17591089.37	4838891.88	2.40	1	E	A	-35.8	9.3	0.0	0.0	0.0	66.1	2.5	1.0	0.0	0.0	0.0	0.0	5.5	-101.6
409	17591070.40	4838872.78	2.40	2	D	A	68.9	10.6	0.0	0.0	0.0	66.7	2.6	-0.9	0.0	0.0	0.0	0.0	14.0	-2.9
409	17591070.40	4838872.78	2.40	2	N	A	-35.8	10.6	0.0	0.0	0.0	66.7	2.6	-0.9	0.0	0.0	0.0	0.0	14.0	-107.7
409	17591070.40	4838872.78	2.40	2	E	A	-35.8	10.6	0.0	0.0	0.0	66.7	2.6	-0.9	0.0	0.0	0.0	0.0	14.0	-107.7
411	17591066.09	4838868.44	2.40	2	D	A	68.9	-1.1	0.0	0.0	0.0	66.8	2.6	-0.5	0.0	0.0	0.0	0.0	13.8	-14.9
411	17591066.09	4838868.44	2.40	2	N	A	-35.8	-1.1	0.0	0.0	0.0	66.8	2.6	-0.5	0.0	0.0	0.0	0.0	13.8	-119.6
411	17591066.09	4838868.44	2.40	2	E	A	-35.8	-1.1	0.0	0.0	0.0	66.8	2.6	-0.5	0.0	0.0	0.0	0.0	13.8	-119.6
437	17591079.72	4838878.11	2.40	0	D	A	68.9	20.9	0.0	0.0	0.0	65.2	2.3	1.0	0.0	0.0	0.0	0.0	0.0	21.3
437	17591079.72	4838878.11	2.40	0	N	A	-35.8	20.9	0.0	0.0	0.0	65.2	2.3	1.0	0.0	0.0	0.0	0.0	0.0	-83.5
437	17591079.72	4838878.11	2.40	0	E	A	-35.8	20.9	0.0	0.0	0.0	65.2	2.3	1.0	0.0	0.0	0.0	0.0	0.0	-83.5
439	17591131.46	4838929.63	2.40	0	D	A	68.9	13.3	0.0	0.0	0.0	66.1	2.5	-0.0	0.0	0.0	4.5	0.0	0.0	9.2
439	17591131.46	4838929.63	2.40	0	N	A	-35.8	13.3	0.0	0.0	0.0	66.1	2.5	-0.0	0.0	0.0	4.5	0.0	0.0	-95.6
439	17591131.46	4838929.63	2.40	0	E	A	-35.8	13.3	0.0	0.0	0.0	66.1	2.5	-0.0	0.0	0.0	4.5	0.0	0.0	-95.6
442	17591098.26	4838896.57	2.40	1	D	A	68.9	13.5	0.0	0.0	0.0	65.9	2.5	-0.4	0.0	0.0	0.0	0.0	6.1	8.5
442	17591098.26	4838896.57	2.40	1	N	A	-35.8	13.5	0.0	0.0	0.0	65.9	2.5	-0.4	0.0	0.0	0.0	0.0	6.1	-96.3
442	17591098.26	4838896.57	2.40	1	E	A	-35.8	13.5	0.0	0.0	0.0	65.9	2.5	-0.4	0.0	0.0	0.0	0.0	6.1	-96.3
444	17591126.51	4838924.70	2.40	2	D	A	68.9	9.6	0.0	0.0	0.0	66.6	2.6	-1.5	0.0	0.0	0.0	0.0	14.2	-3.4
444	17591126.51	4838924.70	2.40	2	N	A	-35.8	9.6	0.0	0.0	0.0	66.6	2.6	-1.5	0.0	0.0	0.0	0.0	14.2	-108.1
444	17591126.51	4838924.70	2.40	2	E	A	-35.8	9.6	0.0	0.0	0.0	66.6	2.6	-1.5	0.0	0.0	0.0	0.0	14.2	-108.1
446	17591118.03	4838916.25	2.40	1	D	A	68.9	13.5	0.0	0.0	0.0	66.2	2.5	-0.7	0.0	0.0	0.0	0.0	6.3	8.2
446	17591118.03	4838916.25	2.40	1	N	A	-35.8	13.5	0.0	0.0	0.0	66.2	2.5	-0.7	0.0	0.0	0.0	0.0	6.3	-96.5
446	17591118.03	4838916.25	2.40	1	E	A	-35.8	13.5	0.0	0.0	0.0	66.2	2.5	-0.7	0.0	0.0	0.0	0.0	6.3	-96.5
448	17591133.65	4838931.80	2.40	2	D	A	68.9	5.8	0.0	0.0	0.0	66.7	2.6	-1.7	0.0	0.0	0.0	0.0	14.3	-7.2
448	17591133.65	4838931.80	2.40	2	N	A	-35.8	5.8	0.0	0.0	0.0	66.7	2.6	-1.7	0.0	0.0	0.0	0.0	14.3	-112.0
448	17591133.65	4838931.80	2.40	2	E	A	-35.8	5.8	0.0	0.0	0.0	66.7	2.6	-1.7	0.0	0.0	0.0	0.0	14.3	-112.0
451	17591078.50	4838876.90	2.40	1	D	A	68.9	10.6	0.0	0.0	0.0	67.0	2.7	0.7	0.0	0.0	0.0	0.0	28.0	-18.8
451	17591078.50	4838876.90	2.40	1	N	A	-35.8	10.6	0.0	0.0	0.0	67.0	2.7	0.7	0.0	0.0	0.0	0.0	28.0	-123.6
451	17591078.50	4838876.90	2.40	1	E	A	-35.8	10.6	0.0	0.0	0.0	67.0	2.7	0.7	0.0	0.0	0.0	0.0	28.0	-123.6
453	17591131.23	4838929.40	2.40	1	D	A	68.9	-10.9	0.0	0.0	0.0	66.6	2.6	-0.3	0.0	0.0	5.2	0.0	7.0	-23.0
453	17591131.23	4838929.40	2.40	1	N	A	-35.8	-10.9	0.0	0.0	0.0	66.6	2.6	-0.3	0.0	0.0	5.2	0.0	7.0	-127.8
453	17591131.23	4838929.40	2.40	1	E	A	-35.8	-10.9	0.0	0.0	0.0	66.6	2.6	-0.3	0.0	0.0	5.2	0.0	7.0	-127.8
457	17591115.74	4838913.97	2.40	1	D	A	68.9	11.5	0.0	0.0	0.0	66.4	2.5	0.1	0.0	0.0	4.7	0.0	6.9	-0.2
457	17591115.74	4838913.97	2.40	1	N	A	-35.8	11.5	0.0	0.0	0.0	66.4	2.5	0.1	0.0	0.0	4.7	0.0	6.9	-104.9
457	17591115.74	4838913.97	2.40	1	E	A	-35.8	11.5	0.0	0.0	0.0	66.4	2.5	0.1	0.0	0.0	4.7	0.0	6.9	-104.9
459	17591093.23	4838891.56	2.40	2	D	A	68.9	11.4	0.0	0.0	0.0	66.9	2.7	-1.2	0.0	0.0	6.0	0.0	14.6	-8.6
459	17591093.23	4838891.56	2.40	2	N	A	-35.8	11.4	0.0	0.0	0.0	66.9	2.7	-1.2	0.0	0.0	6.0	0.0	14.6	-113.4
459	17591093.23	4838891.56	2.40	2	E	A	-35.8	11.4	0.0	0.0	0.0	66.9	2.7	-1.2	0.0	0.0	6.0	0.0	14.6	-113.4
461	17591137.97	4838936.11	2.40	2	D	A	68.9	5.1	0.0	0.0	0.0	66.5	2.6	0.4	0.0	0.0	0.0	0.0	7.8	-3.3
461	17591137.97	4838936.11	2.40	2	N	A	-35.8	5.1	0.0	0.0	0.0	66.5	2.6	0.4	0.0	0.0	0.0	0.0	7.8	-108.0
461	17591137.97	4838936.11	2.40	2	E	A	-35.8	5.1	0.0	0.0	0.0	66.5	2.6	0.4	0.0	0.0	0.0	0.0	7.8	-108.0
464	17591088.96	4838887.31	2.40	1	D	A	68.9	9.3	0.0	0.0	0.0	66.2	2.5	0.8	0.0	0.0	0.0	0.0	10.9	-2.2
464	17591088.96	4838887.31	2.40	1	N	A	-35.8	9.3	0.0	0.0	0.0	66.2	2.5	0.8	0.0	0.0	0.0	0.0	10.9	-106.9
464	17591088.96	4838887.31	2.40	1	E	A	-35.8	9.3	0.0	0.0	0.0	66.2	2.5	0.8	0.0	0.0	0.0	0.0	10.9	-106.9
466	17591095.91	4838894.23	2.40	1	D	A	68.9	10.4	0.0	0.0	0.0	66.0	2.5	0.8	0.0	0.0	0.0	0.0	5.6	4.5
466	17591095.91	4838894.23	2.40	1	N	A	-35.8	10.4	0.0	0.0	0.0	66.0	2.5	0.8	0.0	0.0	0.0	0.0	5.6	-100.3
466	17591095.91	4838894.23	2.40	1	E	A	-35.8	10.4	0.0	0.0	0.0	66.0	2.5	0.8	0.0	0.0	0.0	0.0	5.6	-100.3
468	17591074.27	4838872.68	2.40	2	D	A	68.9	10.9	0.0	0.0	0.0	66.6	2.6	-0.7	0.0	0.0	0.0	0.0	13.9	-2.6
468	17591074.27	4838872.68	2.40	2	N	A	-35.8	10.9	0.0	0.0	0.0	66.6	2.6	-0.7	0.0	0.0	0.0	0.0	13.9	-107.4
468	17591074.27	4838872.68	2.40	2	E	A	-35.8	10.9	0.0	0.0	0.0	66.6	2.6	-0.7	0.0	0.0	0.0	0.0	13.9	-107.4
837	17591140.09	4838936.49	2.40	0	D	A	68.9	3.9	0.0	0.0	0.0	66.3	2.5	-0.4	0.0	0.0	5.0	0.0	0.0	-0.6
837	17591140.09	4838936.49	2.40	0	N	A	-35.8	3.9	0.0	0.0	0.0	66.3	2.5	-0.4	0.0	0.0	5.0	0.0	0.0	-105.3
837	17591140.09	4838936.49	2.40	0	E	A	-35.8	3.9	0.0	0.0	0.0	66.3	2.5	-0.4	0.0	0.0	5.0	0.0	0.0	-105.3
839	17591146.89	4838931.23	2.40	0	D	A	68.9	11.7	0.0	0.0	0.0	66.4	2.5	-0.7	0.0	0.0	4.5	0.0	0.0	7.8
839	17591146.89	4838931.23	2.40	0	N	A	-35.8	11.7	0.0	0.0	0.0	66.4	2.5	-0.7	0.0	0.0	4.5	0.0	0.0	-96.9
839	17591146.89	4838931.23	2.40	0	E	A	-35.8	11.7	0.0	0.0	0.0	66.4	2.5	-0.7	0.0	0.0	4.5	0.0	0.0	-96.9
842	17591143.73	4838933.67	2.40	1	D	A	68.9	4.4	0.0	0.0	0.0	66.8	2.6	-1.6	0.0	0.0	6.4	0.0	6.9	-7.8
842	17591143.73	4838933.67	2.40	1	N	A	-35.8	4.4	0.0	0.0	0.0	66.8	2.6	-1.6	0.0	0.0	6.4	0.0	6.9	-112.5
842	17591143.73	4838933.67	2.40	1	E	A	-35.8	4.4	0.0	0.0	0.0	66.8	2.6	-1.6	0.0	0.0	6.4	0.0	6.9	-112.5
844	17591147.90	4838930.46	2.40	1	D	A	68.9	8.9	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	6.4	0.0	6.9	-3.2
844	17591147.90	4838930.46	2.40	1	N	A	-35.8	8.9	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	6.4	0.0	6.9	-108.0
844	17591147.90	4838930.46	2.40	1	E	A	-35.8	8.9	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	6.4	0.0	6.9	-108.0

Line Source, ISO 9613, Name: "Corteva - 3 Heavy Trk", ID: "Cort_HeavyTrkMove"																				
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)
846	17591151.84	4838927.41	2.40	1	D	A	68.9	3.5	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	0.0	0.0	6.8	-2.2
846	17591151.84	4838927.41	2.40	1	N	A	-35.8	3.5	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	0.0	0.0	6.8	-106.9
846	17591151.84	4838927.41	2.40	1	E	A	-35.8	3.5	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	0.0	0.0	6.8	-106.9
848	17591140.22	4838936.39	2.40	2	D	A	68.9	4.5	0.0	0.0	0.0	66.5	2.6	0.3	0.0	0.0	0.0	0.0	13.3	-9.3
848	17591140.22	4838936.39	2.40	2	N	A	-35.8	4.5	0.0	0.0	0.0	66.5	2.6	0.3	0.0	0.0	0.0	0.0	13.3	-114.1
848	17591140.22	4838936.39	2.40	2	E	A	-35.8	4.5	0.0	0.0	0.0	66.5	2.6	0.3	0.0	0.0	0.0	0.0	13.3	-114.1
850	17591150.96	4838928.09	2.40	2	D	A	68.9	6.5	0.0	0.0	0.0	66.9	2.6	-1.8	0.0	0.0	0.0	0.0	31.0	-23.5
850	17591150.96	4838928.09	2.40	2	N	A	-35.8	6.5	0.0	0.0	0.0	66.9	2.6	-1.8	0.0	0.0	0.0	0.0	31.0	-128.2
850	17591150.96	4838928.09	2.40	2	E	A	-35.8	6.5	0.0	0.0	0.0	66.9	2.6	-1.8	0.0	0.0	0.0	0.0	31.0	-128.2
852	17591145.40	4838932.38	2.40	2	D	A	68.9	6.0	0.0	0.0	0.0	66.9	2.6	-1.7	0.0	0.0	0.0	0.0	14.4	-7.3
852	17591145.40	4838932.38	2.40	2	N	A	-35.8	6.0	0.0	0.0	0.0	66.9	2.6	-1.7	0.0	0.0	0.0	0.0	14.4	-112.0
852	17591145.40	4838932.38	2.40	2	E	A	-35.8	6.0	0.0	0.0	0.0	66.9	2.6	-1.7	0.0	0.0	0.0	0.0	14.4	-112.0
854	17591143.36	4838933.96	2.40	1	D	A	68.9	5.9	0.0	0.0	0.0	67.0	2.7	-1.4	0.0	0.0	6.1	0.0	7.0	-6.6
854	17591143.36	4838933.96	2.40	1	N	A	-35.8	5.9	0.0	0.0	0.0	67.0	2.7	-1.4	0.0	0.0	6.1	0.0	7.0	-111.4
854	17591143.36	4838933.96	2.40	1	E	A	-35.8	5.9	0.0	0.0	0.0	67.0	2.7	-1.4	0.0	0.0	6.1	0.0	7.0	-111.4
860	17591160.78	4838934.11	2.40	0	D	A	68.9	12.4	0.0	0.0	0.0	66.6	2.6	-1.3	0.0	0.0	5.1	0.0	0.0	8.4
860	17591160.78	4838934.11	2.40	0	N	A	-35.8	12.4	0.0	0.0	0.0	66.6	2.6	-1.3	0.0	0.0	5.1	0.0	0.0	-96.4
860	17591160.78	4838934.11	2.40	0	E	A	-35.8	12.4	0.0	0.0	0.0	66.6	2.6	-1.3	0.0	0.0	5.1	0.0	0.0	-96.4
862	17591160.78	4838934.11	2.40	1	D	A	68.9	12.4	0.0	0.0	0.0	66.8	2.6	-1.5	0.0	0.0	0.0	0.0	4.1	9.4
862	17591160.78	4838934.11	2.40	1	N	A	-35.8	12.4	0.0	0.0	0.0	66.8	2.6	-1.5	0.0	0.0	0.0	0.0	4.1	-95.4
862	17591160.78	4838934.11	2.40	1	E	A	-35.8	12.4	0.0	0.0	0.0	66.8	2.6	-1.5	0.0	0.0	0.0	0.0	4.1	-95.4
865	17591166.54	4838939.22	2.40	2	D	A	68.9	2.7	0.0	0.0	0.0	66.9	2.6	-0.8	0.0	0.0	0.0	0.0	14.1	-11.2
865	17591166.54	4838939.22	2.40	2	N	A	-35.8	2.7	0.0	0.0	0.0	66.9	2.6	-0.8	0.0	0.0	0.0	0.0	14.1	-115.9
865	17591166.54	4838939.22	2.40	2	E	A	-35.8	2.7	0.0	0.0	0.0	66.9	2.6	-0.8	0.0	0.0	0.0	0.0	14.1	-115.9
867	17591155.22	4838929.19	2.40	2	D	A	68.9	3.8	0.0	0.0	0.0	67.0	2.7	-1.8	0.0	0.0	0.0	0.0	31.2	-26.3
867	17591155.22	4838929.19	2.40	2	N	A	-35.8	3.8	0.0	0.0	0.0	67.0	2.7	-1.8	0.0	0.0	0.0	0.0	31.2	-131.1
867	17591155.22	4838929.19	2.40	2	E	A	-35.8	3.8	0.0	0.0	0.0	67.0	2.7	-1.8	0.0	0.0	0.0	0.0	31.2	-131.1
869	17591159.63	4838933.10	2.40	2	D	A	68.9	6.3	0.0	0.0	0.0	67.1	2.7	-1.8	0.0	0.0	0.0	0.0	31.3	-24.0
869	17591159.63	4838933.10	2.40	2	N	A	-35.8	6.3	0.0	0.0	0.0	67.1	2.7	-1.8	0.0	0.0	0.0	0.0	31.3	-128.8
869	17591159.63	4838933.10	2.40	2	E	A	-35.8	6.3	0.0	0.0	0.0	67.1	2.7	-1.8	0.0	0.0	0.0	0.0	31.3	-128.8
883	17591166.18	4838941.10	2.40	0	D	A	68.9	5.2	0.0	0.0	0.0	66.6	2.6	-1.3	0.0	0.0	5.6	0.0	0.0	0.6
883	17591166.18	4838941.10	2.40	0	N	A	-35.8	5.2	0.0	0.0	0.0	66.6	2.6	-1.3	0.0	0.0	5.6	0.0	0.0	-104.2
883	17591166.18	4838941.10	2.40	0	E	A	-35.8	5.2	0.0	0.0	0.0	66.6	2.6	-1.3	0.0	0.0	5.6	0.0	0.0	-104.2
885	17591161.68	4838946.52	2.40	0	D	A	68.9	10.3	0.0	0.0	0.0	66.6	2.6	-0.6	0.0	0.0	5.5	0.0	0.0	5.2
885	17591161.68	4838946.52	2.40	0	N	A	-35.8	10.3	0.0	0.0	0.0	66.6	2.6	-0.6	0.0	0.0	5.5	0.0	0.0	-99.5
885	17591161.68	4838946.52	2.40	0	E	A	-35.8	10.3	0.0	0.0	0.0	66.6	2.6	-0.6	0.0	0.0	5.5	0.0	0.0	-99.5
887	17591157.61	4838951.43	2.40	0	D	A	68.9	2.9	0.0	0.0	0.0	66.5	2.6	-0.3	0.0	0.0	5.4	0.0	0.0	-2.3
887	17591157.61	4838951.43	2.40	0	N	A	-35.8	2.9	0.0	0.0	0.0	66.5	2.6	-0.3	0.0	0.0	5.4	0.0	0.0	-107.1
887	17591157.61	4838951.43	2.40	0	E	A	-35.8	2.9	0.0	0.0	0.0	66.5	2.6	-0.3	0.0	0.0	5.4	0.0	0.0	-107.1
890	17591162.11	4838946.01	2.40	1	D	A	68.9	12.1	0.0	0.0	0.0	66.9	2.7	-1.6	0.0	0.0	0.0	0.0	6.9	6.1
890	17591162.11	4838946.01	2.40	1	N	A	-35.8	12.1	0.0	0.0	0.0	66.9	2.7	-1.6	0.0	0.0	0.0	0.0	6.9	-98.7
890	17591162.11	4838946.01	2.40	1	E	A	-35.8	12.1	0.0	0.0	0.0	66.9	2.7	-1.6	0.0	0.0	0.0	0.0	6.9	-98.7
892	17591165.95	4838941.38	2.40	2	D	A	68.9	6.0	0.0	0.0	0.0	66.9	2.6	-0.7	0.0	0.0	0.0	0.0	14.0	-7.9
892	17591165.95	4838941.38	2.40	2	N	A	-35.8	6.0	0.0	0.0	0.0	66.9	2.6	-0.7	0.0	0.0	0.0	0.0	14.0	-112.6
892	17591165.95	4838941.38	2.40	2	E	A	-35.8	6.0	0.0	0.0	0.0	66.9	2.6	-0.7	0.0	0.0	0.0	0.0	14.0	-112.6
894	17591164.73	4838942.85	2.40	2	D	A	68.9	7.5	0.0	0.0	0.0	67.1	2.7	-1.7	0.0	0.0	0.0	0.0	14.5	-6.1
894	17591164.73	4838942.85	2.40	2	N	A	-35.8	7.5	0.0	0.0	0.0	67.1	2.7	-1.7	0.0	0.0	0.0	0.0	14.5	-110.9
894	17591164.73	4838942.85	2.40	2	E	A	-35.8	7.5	0.0	0.0	0.0	67.1	2.7	-1.7	0.0	0.0	0.0	0.0	14.5	-110.9
927	17591157.91	4838954.73	2.40	0	D	A	68.9	7.3	0.0	0.0	0.0	66.6	2.6	-0.4	0.0	0.0	5.4	0.0	0.0	2.1
927	17591157.91	4838954.73	2.40	0	N	A	-35.8	7.3	0.0	0.0	0.0	66.6	2.6	-0.4	0.0	0.0	5.4	0.0	0.0	-102.6
927	17591157.91	4838954.73	2.40	0	E	A	-35.8	7.3	0.0	0.0	0.0	66.6	2.6	-0.4	0.0	0.0	5.4	0.0	0.0	-102.6
929	17591160.17	4838960.88	2.40	0	D	A	68.9	8.9	0.0	0.0	0.0	66.6	2.6	-0.5	0.0	0.0	5.8	0.0	0.0	3.4
929	17591160.17	4838960.88	2.40	0	N	A	-35.8	8.9	0.0	0.0	0.0	66.6	2.6	-0.5	0.0	0.0	5.8	0.0	0.0	-101.4
929	17591160.17	4838960.88	2.40	0	E	A	-35.8	8.9	0.0	0.0	0.0	66.6	2.6	-0.5	0.0	0.0	5.8	0.0	0.0	-101.4
931	17591158.05	4838955.11	2.40	2	D	A	68.9	7.4	0.0	0.0	0.0	66.6	2.6	-0.5	0.0	0.0	5.3	0.0	8.9	-6.6
931	17591158.05	4838955.11	2.40	2	N	A	-35.8	7.4	0.0	0.0	0.0	66.6	2.6	-0.5	0.0	0.0	5.3	0.0	8.9	-111.4
931	17591158.05	4838955.11	2.40	2	E	A	-35.8	7.4	0.0	0.0	0.0	66.6	2.6	-0.5	0.0	0.0	5.3	0.0	8.9	-111.4
934	17591159.24	4838958.34	2.40	1	D	A	68.9	11.2	0.0	0.0	0.0	67.1	2.7	-1.7	0.0	0.0	0.0	0.0	12.6	-0.6
934	17591159.24	4838958.34	2.40	1	N	A	-35.8	11.2	0.0	0.0	0.0	67.1	2.7	-1.7	0.0	0.0	0.0	0.0	12.6	-105.4
934	17591159.24	4838958.34	2.40	1	E	A	-35.8	11.2	0.0	0.0	0.0	67.1	2.7	-1.7	0.0	0.0	0.0	0.0	12.6	-105.4
1021	17591153.52	4838927.56	2.40	0	D	A	68.9	3.6	0.0	0.0	0.0	66.4	2.6	-0.8	0.0	0.0	3.3	0.0	0.0	1.0
1021	17591153.52	4838927.56	2.40	0	N	A	-35.8	3.6	0.0	0.0	0.0	66.4	2.6	-0.8	0.0	0.0	3.3	0.0	0.0	-103.7
1021	17591153.52	4838927.56	2.40	0	E	A	-35.8	3.6	0.0	0.0	0.0	66.4	2.6	-0.8	0.0	0.0	3.3	0.0	0.0	-103.7

Line Source, ISO 9613, Name: "Corteva - 3 Heavy Trk", ID: "Cort_HeavyTrkMove"																				
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)
1022	17591153.52	4838927.56	2.40	1	D	A	68.9	3.6	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	0.0	0.0	6.8	-2.0
1022	17591153.52	4838927.56	2.40	1	N	A	-35.8	3.6	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	0.0	0.0	6.8	-106.8
1022	17591153.52	4838927.56	2.40	1	E	A	-35.8	3.6	0.0	0.0	0.0	66.7	2.6	-1.6	0.0	0.0	0.0	0.0	6.8	-106.8
1023	17591153.52	4838927.56	2.40	2	D	A	68.9	3.6	0.0	0.0	0.0	67.0	2.7	-1.6	0.0	0.0	0.0	0.0	31.0	-26.5
1023	17591153.52	4838927.56	2.40	2	N	A	-35.8	3.6	0.0	0.0	0.0	67.0	2.7	-1.6	0.0	0.0	0.0	0.0	31.0	-131.3
1023	17591153.52	4838927.56	2.40	2	E	A	-35.8	3.6	0.0	0.0	0.0	67.0	2.7	-1.6	0.0	0.0	0.0	0.0	31.0	-131.3

Area Source, ISO 9613, Name: "2 Forklifts", ID: "GB_Forklift"																				
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)
413	17590963.81	4838349.18	2.00	0	D	A	58.4	35.4	0.0	0.0	0.0	67.4	3.1	-0.1	0.0	0.0	0.0	0.0	0.0	23.4
413	17590963.81	4838349.18	2.00	0	N	A	58.4	35.4	-188.0	0.0	0.0	67.4	3.1	-0.1	0.0	0.0	0.0	0.0	0.0	-164.6
413	17590963.81	4838349.18	2.00	0	E	A	58.4	35.4	-188.0	0.0	0.0	67.4	3.1	-0.1	0.0	0.0	0.0	0.0	0.0	-164.6
470	17590864.76	4838386.38	2.00	0	D	A	58.4	33.2	0.0	0.0	0.0	66.1	2.8	0.3	0.0	0.0	0.0	0.0	0.0	22.4
470	17590864.76	4838386.38	2.00	0	N	A	58.4	33.2	-188.0	0.0	0.0	66.1	2.8	0.3	0.0	0.0	0.0	0.0	0.0	-165.6
470	17590864.76	4838386.38	2.00	0	E	A	58.4	33.2	-188.0	0.0	0.0	66.1	2.8	0.3	0.0	0.0	0.0	0.0	0.0	-165.6
481	17590878.42	4838302.94	2.00	0	D	A	58.4	32.8	0.0	0.0	0.0	67.2	3.1	-1.7	0.0	0.0	0.0	0.0	0.0	22.6
481	17590878.42	4838302.94	2.00	0	N	A	58.4	32.8	-188.0	0.0	0.0	67.2	3.1	-1.7	0.0	0.0	0.0	0.0	0.0	-165.4
481	17590878.42	4838302.94	2.00	0	E	A	58.4	32.8	-188.0	0.0	0.0	67.2	3.1	-1.7	0.0	0.0	0.0	0.0	0.0	-165.4
494	17590902.33	4838410.44	2.00	0	D	A	58.4	31.7	0.0	0.0	0.0	66.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	21.2
494	17590902.33	4838410.44	2.00	0	N	A	58.4	31.7	-188.0	0.0	0.0	66.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	-166.8
494	17590902.33	4838410.44	2.00	0	E	A	58.4	31.7	-188.0	0.0	0.0	66.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	-166.8
532	17590949.69	4838318.99	2.00	0	D	A	58.4	32.4	0.0	0.0	0.0	67.6	3.1	-0.6	0.0	0.0	0.0	0.0	0.0	20.7
532	17590949.69	4838318.99	2.00	0	N	A	58.4	32.4	-188.0	0.0	0.0	67.6	3.1	-0.6	0.0	0.0	0.0	0.0	0.0	-167.3
532	17590949.69	4838318.99	2.00	0	E	A	58.4	32.4	-188.0	0.0	0.0	67.6	3.1	-0.6	0.0	0.0	0.0	0.0	0.0	-167.3
572	17590881.54	4838325.67	2.00	0	D	A	58.4	30.3	0.0	0.0	0.0	67.0	3.0	-1.6	0.0	0.0	0.0	0.0	0.0	20.2
572	17590881.54	4838325.67	2.00	0	N	A	58.4	30.3	-188.0	0.0	0.0	67.0	3.0	-1.6	0.0	0.0	0.0	0.0	0.0	-167.8
572	17590881.54	4838325.67	2.00	0	E	A	58.4	30.3	-188.0	0.0	0.0	67.0	3.0	-1.6	0.0	0.0	0.0	0.0	0.0	-167.8
597	17590864.58	4838346.40	2.00	0	D	A	58.4	29.9	0.0	0.0	0.0	66.6	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	19.9
597	17590864.58	4838346.40	2.00	0	N	A	58.4	29.9	-188.0	0.0	0.0	66.6	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	-168.1
597	17590864.58	4838346.40	2.00	0	E	A	58.4	29.9	-188.0	0.0	0.0	66.6	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	-168.1
626	17590847.44	4838389.66	2.00	0	D	A	58.4	29.0	0.0	0.0	0.0	65.9	2.7	0.9	0.0	0.0	0.0	0.0	0.0	17.8
626	17590847.44	4838389.66	2.00	0	N	A	58.4	29.0	-188.0	0.0	0.0	65.9	2.7	0.9	0.0	0.0	0.0	0.0	0.0	-170.2
626	17590847.44	4838389.66	2.00	0	E	A	58.4	29.0	-188.0	0.0	0.0	65.9	2.7	0.9	0.0	0.0	0.0	0.0	0.0	-170.2
642	17590984.10	4838307.71	2.00	0	D	A	58.4	30.6	0.0	0.0	0.0	67.9	3.2	-1.7	0.0	0.0	0.0	0.0	0.0	19.5
642	17590984.10	4838307.71	2.00	0	N	A	58.4	30.6	-188.0	0.0	0.0	67.9	3.2	-1.7	0.0	0.0	0.0	0.0	0.0	-168.5
642	17590984.10	4838307.71	2.00	0	E	A	58.4	30.6	-188.0	0.0	0.0	67.9	3.2	-1.7	0.0	0.0	0.0	0.0	0.0	-168.5
712	17590852.88	4838330.35	2.00	0	D	A	58.4	27.6	0.0	0.0	0.0	66.8	2.9	-1.4	0.0	0.0	0.0	0.0	0.0	17.7
712	17590852.88	4838330.35	2.00	0	N	A	58.4	27.6	-188.0	0.0	0.0	66.8	2.9	-1.4	0.0	0.0	0.0	0.0	0.0	-170.3
712	17590852.88	4838330.35	2.00	0	E	A	58.4	27.6	-188.0	0.0	0.0	66.8	2.9	-1.4	0.0	0.0	0.0	0.0	0.0	-170.3
879	17590935.16	4838297.05	2.00	0	D	A	58.4	23.7	0.0	0.0	0.0	67.7	3.2	-0.8	0.0	0.0	0.0	0.0	0.0	12.1
879	17590935.16	4838297.05	2.00	0	N	A	58.4	23.7	-188.0	0.0	0.0	67.7	3.2	-0.8	0.0	0.0	0.0	0.0	0.0	-175.9
879	17590935.16	4838297.05	2.00	0	E	A	58.4	23.7	-188.0	0.0	0.0	67.7	3.2	-0.8	0.0	0.0	0.0	0.0	0.0	-175.9
983	17590965.18	4838312.46	2.00	0	D	A	58.4	18.8	0.0	0.0	0.0	67.7	3.2	-1.4	0.0	0.0	0.0	0.0	0.0	7.6
983	17590965.18	4838312.46	2.00	0	N	A	58.4	18.8	-188.0	0.0	0.0	67.7	3.2	-1.4	0.0	0.0	0.0	0.0	0.0	-180.4
983	17590965.18	4838312.46	2.00	0	E	A	58.4	18.8	-188.0	0.0	0.0	67.7	3.2	-1.4	0.0	0.0	0.0	0.0	0.0	-180.4

Point Source, ISO 9613, Name: "", ID: "GB_HeavyTrkIdle01"																				
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)
522	17590844.65	4838354.29	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	66.4	2.9	-0.4	0.0	0.0	0.0	0.0	0.0	21.2
522	17590844.65	4838354.29	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	66.4	2.9	-0.4	0.0	0.0	0.0	0.0	0.0	-156.0
522	17590844.65	4838354.29	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	66.4	2.9	-0.4	0.0	0.0	0.0	0.0	0.0	-156.0

Point Source, ISO 9613, Name: "Corteva_HeavyTrkIdle", ID: "Cort_HeavyTrkIdle01"																				
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)
524	17591152.74	4838926.63	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	66.4	2.9	-1.1	0.0	0.0	3.3	0.0	0.0	18.5
524	17591152.74	4838926.63	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	66.4	2.9	-1.1	0.0	0.0	3.3	0.0	0.0	-158.7
524	17591152.74	4838926.63	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	66.4	2.9	-1.1	0.0	0.0	3.3	0.0	0.0	-158.7
526	17591152.74	4838926.63	2.40	1	D	A	100.9	0.0	-10.8	0.0	0.0	66.7	2.9	-1.6	0.0	0.0	0.0	0.0	2.3	19.8
526	17591152.74	4838926.63	2.40	1	N	A	100.9	0.0	-188.0	0.0	0.0	66.7	2.9	-1.6	0.0	0.0	0.0	0.0	2.3	-157.5
526	17591152.74	4838926.63	2.40	1	E	A	100.9	0.0	-188.0	0.0	0.0	66.7	2.9	-1.6	0.0	0.0	0.0	0.0	2.3	-157.5

Point Source, ISO 9613, Name: "Corteva_HeavyTrkIdle", ID: "Cort_HeavyTrkIdle01"																				
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)
528	17591152.74	4838926.63	2.40	2	D	A	100.9	0.0	-10.8	0.0	0.0	67.0	3.0	-1.7	0.0	0.0	0.0	0.0	34.0	-12.2
528	17591152.74	4838926.63	2.40	2	N	A	100.9	0.0	-188.0	0.0	0.0	67.0	3.0	-1.7	0.0	0.0	0.0	0.0	34.0	-189.4
528	17591152.74	4838926.63	2.40	2	E	A	100.9	0.0	-188.0	0.0	0.0	67.0	3.0	-1.7	0.0	0.0	0.0	0.0	34.0	-189.4

Point Source, ISO 9613, Name: "Corteva_HeavyTrkIdle", ID: "Cort_HeavyTrkIdle02"																				
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)
534	17591160.77	4838934.13	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	66.6	2.9	-1.5	0.0	0.0	5.6	0.0	0.0	16.5
534	17591160.77	4838934.13	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	66.6	2.9	-1.5	0.0	0.0	5.6	0.0	0.0	-160.7
534	17591160.77	4838934.13	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	66.6	2.9	-1.5	0.0	0.0	5.6	0.0	0.0	-160.7
536	17591160.77	4838934.13	2.40	1	D	A	100.9	0.0	-10.8	0.0	0.0	66.8	3.0	-1.6	0.0	0.0	0.0	0.0	2.4	19.6
536	17591160.77	4838934.13	2.40	1	N	A	100.9	0.0	-188.0	0.0	0.0	66.8	3.0	-1.6	0.0	0.0	0.0	0.0	2.4	-157.6
536	17591160.77	4838934.13	2.40	1	E	A	100.9	0.0	-188.0	0.0	0.0	66.8	3.0	-1.6	0.0	0.0	0.0	0.0	2.4	-157.6
538	17591160.77	4838934.13	2.40	2	D	A	100.9	0.0	-10.8	0.0	0.0	67.1	3.0	-1.8	0.0	0.0	0.0	0.0	34.2	-12.4
538	17591160.77	4838934.13	2.40	2	N	A	100.9	0.0	-188.0	0.0	0.0	67.1	3.0	-1.8	0.0	0.0	0.0	0.0	34.2	-189.7
538	17591160.77	4838934.13	2.40	2	E	A	100.9	0.0	-188.0	0.0	0.0	67.1	3.0	-1.8	0.0	0.0	0.0	0.0	34.2	-189.7

Point Source, ISO 9613, Name: "Corteva_HeavyTrkIdle", ID: "Cort_HeavyTrkIdle03"																				
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)
540	17591167.03	4838939.46	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	66.7	2.9	-1.5	0.0	0.0	5.9	0.0	0.0	16.1
540	17591167.03	4838939.46	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	66.7	2.9	-1.5	0.0	0.0	5.9	0.0	0.0	-161.1
540	17591167.03	4838939.46	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	66.7	2.9	-1.5	0.0	0.0	5.9	0.0	0.0	-161.1
542	17591167.03	4838939.46	2.40	1	D	A	100.9	0.0	-10.8	0.0	0.0	66.9	3.0	-1.6	0.0	0.0	0.0	0.0	2.4	19.5
542	17591167.03	4838939.46	2.40	1	N	A	100.9	0.0	-188.0	0.0	0.0	66.9	3.0	-1.6	0.0	0.0	0.0	0.0	2.4	-157.7
542	17591167.03	4838939.46	2.40	1	E	A	100.9	0.0	-188.0	0.0	0.0	66.9	3.0	-1.6	0.0	0.0	0.0	0.0	2.4	-157.7
544	17591167.03	4838939.46	2.40	2	D	A	100.9	0.0	-10.8	0.0	0.0	66.9	3.0	-1.2	0.0	0.0	0.0	0.0	12.3	9.0
544	17591167.03	4838939.46	2.40	2	N	A	100.9	0.0	-188.0	0.0	0.0	66.9	3.0	-1.2	0.0	0.0	0.0	0.0	12.3	-168.2
544	17591167.03	4838939.46	2.40	2	E	A	100.9	0.0	-188.0	0.0	0.0	66.9	3.0	-1.2	0.0	0.0	0.0	0.0	12.3	-168.2

Point Source, ISO 9613, Name: "", ID: "GB_HeavyTrkIdle02"																				
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)
562	17590894.04	4838287.43	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	67.5	3.2	-1.7	0.0	0.0	0.0	0.0	0.0	21.0
562	17590894.04	4838287.43	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	67.5	3.2	-1.7	0.0	0.0	0.0	0.0	0.0	-156.2
562	17590894.04	4838287.43	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	67.5	3.2	-1.7	0.0	0.0	0.0	0.0	0.0	-156.2

Line Source, ISO 9613, Name: "GB Stone - 1 Heavy Trk", ID: "GB_HeavyTrkMove01"																				
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)
566	17590870.43	4838263.66	2.40	0	D	A	64.2	24.2	0.0	0.0	0.0	67.7	2.8	-0.5	0.0	0.0	0.0	0.0	0.0	18.4
566	17590870.43	4838263.66	2.40	0	N	A	-35.8	24.2	0.0	0.0	0.0	67.7	2.8	-0.5	0.0	0.0	0.0	0.0	0.0	-81.6
566	17590870.43	4838263.66	2.40	0	E	A	-35.8	24.2	0.0	0.0	0.0	67.7	2.8	-0.5	0.0	0.0	0.0	0.0	0.0	-81.6
568	17590958.27	4838179.95	2.40	1	D	A	64.2	13.3	0.0	0.0	0.0	69.4	3.1	0.5	0.0	0.0	4.3	0.0	35.3	-35.2
568	17590958.27	4838179.95	2.40	1	N	A	-35.8	13.3	0.0	0.0	0.0	69.4	3.1	0.5	0.0	0.0	4.3	0.0	35.3	-135.2
568	17590958.27	4838179.95	2.40	1	E	A	-35.8	13.3	0.0	0.0	0.0	69.4	3.1	0.5	0.0	0.0	4.3	0.0	35.3	-135.2
570	17590923.16	4838213.42	2.40	1	D	A	64.2	14.3	0.0	0.0	0.0	68.8	3.0	-0.4	0.0	0.0	0.0	0.0	12.9	-5.8
570	17590923.16	4838213.42	2.40	1	N	A	-35.8	14.3	0.0	0.0	0.0	68.8	3.0	-0.4	0.0	0.0	0.0	0.0	12.9	-105.8
570	17590923.16	4838213.42	2.40	1	E	A	-35.8	14.3	0.0	0.0	0.0	68.8	3.0	-0.4	0.0	0.0	0.0	0.0	12.9	-105.8
653	17590886.13	4838249.99	2.40	0	D	A	64.2	23.5	0.0	0.0	0.0	67.9	2.8	-1.7	0.0	0.0	0.0	0.0	0.0	18.6
653	17590886.13	4838249.99	2.40	0	N	A	-35.8	23.5	0.0	0.0	0.0	67.9	2.8	-1.7	0.0	0.0	0.0	0.0	0.0	-81.4
653	17590886.13	4838249.99	2.40	0	E	A	-35.8	23.5	0.0	0.0	0.0	67.9	2.8	-1.7	0.0	0.0	0.0	0.0	0.0	-81.4
655	17590959.90	4838179.59	2.40	1	D	A	64.2	13.0	0.0	0.0	0.0	69.4	3.2	0.4	0.0	0.0	4.4	0.0	35.4	-35.5
655	17590959.90	4838179.59	2.40	1	N	A	-35.8	13.0	0.0	0.0	0.0	69.4	3.2	0.4	0.0	0.0	4.4	0.0	35.4	-135.5
655	17590959.90	4838179.59	2.40	1	E	A	-35.8	13.0	0.0	0.0	0.0	69.4	3.2	0.4	0.0	0.0	4.4	0.0	35.4	-135.5
657	17590925.28	4838212.62	2.40	1	D	A	64.2	14.3	0.0	0.0	0.0	68.8	3.0	-0.5	0.0	0.0	0.0	0.0	12.9	-5.8
657	17590925.28	4838212.62	2.40	1	N	A	-35.8	14.3	0.0	0.0	0.0	68.8	3.0	-0.5	0.0	0.0	0.0	0.0	12.9	-105.8
657	17590925.28	4838212.62	2.40	1	E	A	-35.8	14.3	0.0	0.0	0.0	68.8	3.0	-0.5	0.0	0.0	0.0	0.0	12.9	-105.8
940	17590808.43	4838352.03	2.40	0	D	A	64.2	15.4	0.0	0.0	0.0	66.2	2.5	0.3	0.0	0.0	0.0	0.0	0.0	10.5
940	17590808.43	4838352.03	2.40	0	N	A	-35.8	15.4	0.0	0.0	0.0	66.2	2.5	0.3	0.0	0.0	0.0	0.0	0.0	-89.5
940	17590808.43	4838352.03	2.40	0	E	A	-35.8	15.4	0.0	0.0	0.0	66.2	2.5	0.3	0.0	0.0	0.0	0.0	0.0	-89.5
970	17590832.51	4838352.47	2.40	0	D	A	64.2	14.0	0.0	0.0	0.0	66.3	2.5	0.5	0.0	0.0	0.0	0.0	0.0	8.7
970	17590832.51	4838352.47	2.40	0	N	A	-35.8	14.0	0.0	0.0	0.0	66.3	2.5	0.5	0.0	0.0	0.0	0.0	0.0	-91.3

Line Source, ISO 9613, Name: "GB Stone - 1 Heavy Trk", ID: "GB_HeavyTrkMove01"																				
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)
970	17590832.51	4838352.47	2.40	0	E	A	-35.8	14.0	0.0	0.0	0.0	66.3	2.5	0.5	0.0	0.0	0.0	0.0	0.0	-91.3
974	17590810.37	4838346.21	2.40	0	D	A	64.2	13.3	0.0	0.0	0.0	66.3	2.5	0.1	0.0	0.0	0.0	0.0	0.0	8.6
974	17590810.37	4838346.21	2.40	0	N	A	-35.8	13.3	0.0	0.0	0.0	66.3	2.5	0.1	0.0	0.0	0.0	0.0	0.0	-91.4
974	17590810.37	4838346.21	2.40	0	E	A	-35.8	13.3	0.0	0.0	0.0	66.3	2.5	0.1	0.0	0.0	0.0	0.0	0.0	-91.4
975	17590835.06	4838354.68	2.40	0	D	A	64.2	12.9	0.0	0.0	0.0	66.3	2.5	0.5	0.0	0.0	0.0	0.0	0.0	7.7
975	17590835.06	4838354.68	2.40	0	N	A	-35.8	12.9	0.0	0.0	0.0	66.3	2.5	0.5	0.0	0.0	0.0	0.0	0.0	-92.3
975	17590835.06	4838354.68	2.40	0	E	A	-35.8	12.9	0.0	0.0	0.0	66.3	2.5	0.5	0.0	0.0	0.0	0.0	0.0	-92.3
976	17590783.20	4838351.94	2.40	0	D	A	64.2	12.4	0.0	0.0	0.0	66.0	2.5	1.3	0.0	0.0	0.0	0.0	0.0	6.8
976	17590783.20	4838351.94	2.40	0	N	A	-35.8	12.4	0.0	0.0	0.0	66.0	2.5	1.3	0.0	0.0	0.0	0.0	0.0	-93.2
976	17590783.20	4838351.94	2.40	0	E	A	-35.8	12.4	0.0	0.0	0.0	66.0	2.5	1.3	0.0	0.0	0.0	0.0	0.0	-93.2
982	17590802.78	4838334.66	2.40	0	D	A	64.2	11.9	0.0	0.0	0.0	66.4	2.5	0.7	0.0	0.0	0.0	0.0	0.0	6.4
982	17590802.78	4838334.66	2.40	0	N	A	-35.8	11.9	0.0	0.0	0.0	66.4	2.5	0.7	0.0	0.0	0.0	0.0	0.0	-93.6
982	17590802.78	4838334.66	2.40	0	E	A	-35.8	11.9	0.0	0.0	0.0	66.4	2.5	0.7	0.0	0.0	0.0	0.0	0.0	-93.6

Point Source, ISO 9613, Name: "Exhaust Fan", ID: "Cort_EF07"																				
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)
588	17591101.45	4838957.61	1.00	0	D	A	71.9	0.0	0.0	0.0	0.0	65.7	2.6	2.8	0.0	0.0	0.0	0.0	0.0	0.7
588	17591101.45	4838957.61	1.00	0	N	A	71.9	0.0	0.0	0.0	0.0	65.7	2.6	2.8	0.0	0.0	0.0	0.0	0.0	0.7
588	17591101.45	4838957.61	1.00	0	E	A	71.9	0.0	0.0	0.0	0.0	65.7	2.6	2.8	0.0	0.0	0.0	0.0	0.0	0.7
590	17591101.45	4838957.61	1.00	1	D	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	2.8	0.0	0.0	0.0	0.0	3.1	-2.6
590	17591101.45	4838957.61	1.00	1	N	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	2.8	0.0	0.0	0.0	0.0	3.1	-2.6
590	17591101.45	4838957.61	1.00	1	E	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	2.8	0.0	0.0	0.0	0.0	3.1	-2.6

Point Source, ISO 9613, Name: "Exhaust Fan", ID: "Cort_EF06"																				
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)
592	17591104.24	4838954.89	1.00	0	D	A	71.9	0.0	0.0	0.0	0.0	65.7	2.6	2.9	0.0	0.0	0.0	0.0	0.0	0.6
592	17591104.24	4838954.89	1.00	0	N	A	71.9	0.0	0.0	0.0	0.0	65.7	2.6	2.9	0.0	0.0	0.0	0.0	0.0	0.6
592	17591104.24	4838954.89	1.00	0	E	A	71.9	0.0	0.0	0.0	0.0	65.7	2.6	2.9	0.0	0.0	0.0	0.0	0.0	0.6

Point Source, ISO 9613, Name: "Exhaust Fan", ID: "Cort_EF05"																				
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)
595	17591107.03	4838952.18	1.00	0	D	A	71.9	0.0	0.0	0.0	0.0	65.8	2.6	2.9	0.0	0.0	0.0	0.0	0.0	0.6
595	17591107.03	4838952.18	1.00	0	N	A	71.9	0.0	0.0	0.0	0.0	65.8	2.6	2.9	0.0	0.0	0.0	0.0	0.0	0.6
595	17591107.03	4838952.18	1.00	0	E	A	71.9	0.0	0.0	0.0	0.0	65.8	2.6	2.9	0.0	0.0	0.0	0.0	0.0	0.6

Point Source, ISO 9613, Name: "Exhaust Fan", ID: "Cort_EF04"																				
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)
599	17591110.33	4838948.97	1.00	0	D	A	71.9	0.0	0.0	0.0	0.0	65.8	2.7	2.9	0.0	0.0	0.0	0.0	0.0	0.5
599	17591110.33	4838948.97	1.00	0	N	A	71.9	0.0	0.0	0.0	0.0	65.8	2.7	2.9	0.0	0.0	0.0	0.0	0.0	0.5
599	17591110.33	4838948.97	1.00	0	E	A	71.9	0.0	0.0	0.0	0.0	65.8	2.7	2.9	0.0	0.0	0.0	0.0	0.0	0.5

Point Source, ISO 9613, Name: "Exhaust Fan", ID: "Cort_EF03"																				
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)
601	17591113.40	4838945.99	1.00	0	D	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	2.8	0.0	0.0	0.0	0.0	0.0	0.5
601	17591113.40	4838945.99	1.00	0	N	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	2.8	0.0	0.0	0.0	0.0	0.0	0.5
601	17591113.40	4838945.99	1.00	0	E	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	2.8	0.0	0.0	0.0	0.0	0.0	0.5

Point Source, ISO 9613, Name: "Exhaust Fan", ID: "Cort_EF02"																				
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)
604	17591116.28	4838943.19	1.00	0	D	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	2.4	0.0	0.0	5.2	0.0	0.0	-4.3
604	17591116.28	4838943.19	1.00	0	N	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	2.4	0.0	0.0	5.2	0.0	0.0	-4.3
604	17591116.28	4838943.19	1.00	0	E	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	2.4	0.0	0.0	5.2	0.0	0.0	-4.3
606	17591116.28	4838943.19	1.00	1	D	A	71.9	0.0	0.0	0.0	0.0	66.6	2.8	-0.4	0.0	0.0	0.0	0.0	10.5	-7.6
606	17591116.28	4838943.19	1.00	1	N	A	71.9	0.0	0.0	0.0	0.0	66.6	2.8	-0.4	0.0	0.0	0.0	0.0	10.5	-7.6
606	17591116.28	4838943.19	1.00	1	E	A	71.9	0.0	0.0	0.0	0.0	66.6	2.8	-0.4	0.0	0.0	0.0	0.0	10.5	-7.6
608	17591116.28	4838943.19	1.00	2	D	A	71.9	0.0	0.0	0.0	0.0	66.2	2.7	2.6	0.0	0.0	0.0	0.0	5.6	-5.2
608	17591116.28	4838943.19	1.00	2	N	A	71.9	0.0	0.0	0.0	0.0	66.2	2.7	2.6	0.0	0.0	0.0	0.0	5.6	-5.2
608	17591116.28	4838943.19	1.00	2	E	A	71.9	0.0	0.0	0.0	0.0	66.2	2.7	2.6	0.0	0.0	0.0	0.0	5.6	-5.2

Point Source, ISO 9613, Name: "Exhaust Fan", ID: "Cort_EF01"																				
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)
610	17591118.99	4838940.54	1.00	0	D	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	1.7	0.0	0.0	7.0	0.0	0.0	-5.4
610	17591118.99	4838940.54	1.00	0	N	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	1.7	0.0	0.0	7.0	0.0	0.0	-5.4
610	17591118.99	4838940.54	1.00	0	E	A	71.9	0.0	0.0	0.0	0.0	65.9	2.7	1.7	0.0	0.0	7.0	0.0	0.0	-5.4
612	17591118.99	4838940.54	1.00	1	D	A	71.9	0.0	0.0	0.0	0.0	66.5	2.8	-1.2	0.0	0.0	0.0	0.0	11.1	-7.3
612	17591118.99	4838940.54	1.00	1	N	A	71.9	0.0	0.0	0.0	0.0	66.5	2.8	-1.2	0.0	0.0	0.0	0.0	11.1	-7.3
612	17591118.99	4838940.54	1.00	1	E	A	71.9	0.0	0.0	0.0	0.0	66.5	2.8	-1.2	0.0	0.0	0.0	0.0	11.1	-7.3
614	17591118.99	4838940.54	1.00	2	D	A	71.9	0.0	0.0	0.0	0.0	66.2	2.7	2.7	0.0	0.0	0.0	0.0	5.6	-5.3
614	17591118.99	4838940.54	1.00	2	N	A	71.9	0.0	0.0	0.0	0.0	66.2	2.7	2.7	0.0	0.0	0.0	0.0	5.6	-5.3
614	17591118.99	4838940.54	1.00	2	E	A	71.9	0.0	0.0	0.0	0.0	66.2	2.7	2.7	0.0	0.0	0.0	0.0	5.6	-5.3

Point Source, ISO 9613, Name: "", ID: "Walker_HeavyTrkIdle04"																				
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)
620	17590874.42	4838214.39	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	68.2	3.4	-1.3	0.0	0.0	0.0	0.0	0.0	19.7
620	17590874.42	4838214.39	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	68.2	3.4	-1.3	0.0	0.0	0.0	0.0	0.0	-157.5
620	17590874.42	4838214.39	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	68.2	3.4	-1.3	0.0	0.0	0.0	0.0	0.0	-157.5
622	17590874.42	4838214.39	2.40	1	D	A	100.9	0.0	-10.8	0.0	0.0	68.4	3.4	-0.7	0.0	0.0	5.5	0.0	4.2	9.2
622	17590874.42	4838214.39	2.40	1	N	A	100.9	0.0	-188.0	0.0	0.0	68.4	3.4	-0.7	0.0	0.0	5.5	0.0	4.2	-168.0
622	17590874.42	4838214.39	2.40	1	E	A	100.9	0.0	-188.0	0.0	0.0	68.4	3.4	-0.7	0.0	0.0	5.5	0.0	4.2	-168.0

Point Source, ISO 9613, Name: "Corteva_REF14", ID: "Cort_REF14"																				
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)
628	17591144.72	4838896.25	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.3	2.8	-0.6	0.0	0.0	0.0	0.0	0.0	3.5
628	17591144.72	4838896.25	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.3	2.8	-0.6	0.0	0.0	0.0	0.0	0.0	3.5
628	17591144.72	4838896.25	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.3	2.8	-0.6	0.0	0.0	0.0	0.0	0.0	3.5

Point Source, ISO 9613, Name: "Corteva_REF13", ID: "Cort_REF13"																				
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)
630	17591146.55	4838897.83	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.3	2.8	-0.6	0.0	0.0	0.0	0.0	0.0	3.4
630	17591146.55	4838897.83	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.3	2.8	-0.6	0.0	0.0	0.0	0.0	0.0	3.4
630	17591146.55	4838897.83	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.3	2.8	-0.6	0.0	0.0	0.0	0.0	0.0	3.4

Point Source, ISO 9613, Name: "Corteva_REF08", ID: "Cort_REF08"																				
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)
635	17591156.80	4838896.84	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.5	2.8	-0.7	0.0	0.0	0.0	0.0	0.0	3.3
635	17591156.80	4838896.84	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.5	2.8	-0.7	0.0	0.0	0.0	0.0	0.0	3.3
635	17591156.80	4838896.84	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.5	2.8	-0.7	0.0	0.0	0.0	0.0	0.0	3.3

Point Source, ISO 9613, Name: "Corteva_REF11", ID: "Cort_REF11"																				
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)
637	17591160.77	4838886.05	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.5	2.8	-0.8	0.0	0.0	0.0	0.0	0.0	3.4
637	17591160.77	4838886.05	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.5	2.8	-0.8	0.0	0.0	0.0	0.0	0.0	3.4
637	17591160.77	4838886.05	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.5	2.8	-0.8	0.0	0.0	0.0	0.0	0.0	3.4

Point Source, ISO 9613, Name: "Corteva_REF10", ID: "Cort_REF10"																				
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)
639	17591163.49	4838888.63	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.6	2.8	-0.8	0.0	0.0	0.0	0.0	0.0	3.3
639	17591163.49	4838888.63	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.6	2.8	-0.8	0.0	0.0	0.0	0.0	0.0	3.3
639	17591163.49	4838888.63	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.6	2.8	-0.8	0.0	0.0	0.0	0.0	0.0	3.3

Point Source, ISO 9613, Name: "Corteva_REF12", ID: "Cort_REF12"																				
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)
646	17591168.98	4838896.24	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.6	2.8	-0.8	0.0	0.0	0.0	0.0	0.0	3.2
646	17591168.98	4838896.24	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.6	2.8	-0.8	0.0	0.0	0.0	0.0	0.0	3.2
646	17591168.98	4838896.24	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.6	2.8	-0.8	0.0	0.0	0.0	0.0	0.0	3.2

Point Source, ISO 9613, Name: "Corteva_REF15", ID: "Cort_REF15"																				
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)
648	17591172.28	4838886.45	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.7	2.8	-0.9	0.0	0.0	0.0	0.0	0.0	3.3
648	17591172.28	4838886.45	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.7	2.8	-0.9	0.0	0.0	0.0	0.0	0.0	3.3
648	17591172.28	4838886.45	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.7	2.8	-0.9	0.0	0.0	0.0	0.0	0.0	3.3

Point Source, ISO 9613, Name: "Corteva_REF09", ID: "Cort_REF09"																				
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)
651	17591172.55	4838919.80	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.7	2.8	-0.6	0.0	0.0	0.0	0.0	0.0	2.9
651	17591172.55	4838919.80	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.7	2.8	-0.6	0.0	0.0	0.0	0.0	0.0	2.9
651	17591172.55	4838919.80	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.7	2.8	-0.6	0.0	0.0	0.0	0.0	0.0	2.9

Point Source, ISO 9613, Name: "Corteva_REF07", ID: "Cort_REF07"																				
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)
659	17591174.47	4838914.64	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.7	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	3.0
659	17591174.47	4838914.64	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.7	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	3.0
659	17591174.47	4838914.64	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.7	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	3.0

Point Source, ISO 9613, Name: "Corteva_REF16", ID: "CortREF16"																				
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)
661	17591176.19	4838915.62	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	3.0
661	17591176.19	4838915.62	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	3.0
661	17591176.19	4838915.62	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	3.0

Point Source, ISO 9613, Name: "Corteva_REF06", ID: "Cort_REF06"																				
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)
663	17591177.05	4838911.99	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	3.0
663	17591177.05	4838911.99	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	3.0
663	17591177.05	4838911.99	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	3.0

Point Source, ISO 9613, Name: "Corteva_REF05", ID: "Cort_REF05"																				
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)
667	17591182.15	4838916.29	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	2.9
667	17591182.15	4838916.29	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	2.9
667	17591182.15	4838916.29	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.7	0.0	0.0	0.0	0.0	0.0	2.9

Point Source, ISO 9613, Name: "Corteva_REF02", ID: "Cort_REF02"																				
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)
669	17591182.74	4838910.80	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	2.9
669	17591182.74	4838910.80	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	2.9
669	17591182.74	4838910.80	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.8	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	2.9

Point Source, ISO 9613, Name: "Corteva_REF03", ID: "Cort_REF03"																				
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)
671	17591184.00	4838912.12	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.9	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	2.9
671	17591184.00	4838912.12	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.9	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	2.9
671	17591184.00	4838912.12	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.9	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	2.9

Point Source, ISO 9613, Name: "Corteva_REF01", ID: "Cort_REF01"																				
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)
674	17591184.33	4838909.34	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.9	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	3.0
674	17591184.33	4838909.34	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.9	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	3.0
674	17591184.33	4838909.34	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.9	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	3.0

Point Source, ISO 9613, Name: "Corteva_REF04", ID: "Cort_REF04"																				
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)
676	17591184.07	4838914.24	5.70	0	D	A	71.9	0.0	0.0	0.0	0.0	66.9	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	2.9

Point Source, ISO 9613, Name: "Corteva_REF04", ID: "Cort_REF04"																				
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)
676	17591184.07	4838914.24	5.70	0	N	A	71.9	0.0	0.0	0.0	0.0	66.9	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	2.9
676	17591184.07	4838914.24	5.70	0	E	A	71.9	0.0	0.0	0.0	0.0	66.9	2.9	-0.8	0.0	0.0	0.0	0.0	0.0	2.9

Point Source, ISO 9613, Name: "", ID: "Walker_DustCollector"																				
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)
702	17590780.50	4838220.05	2.40	0	D	A	87.7	0.0	0.0	0.0	0.0	67.7	2.5	1.5	0.0	0.0	0.0	0.0	0.0	16.0
702	17590780.50	4838220.05	2.40	0	N	A	87.7	0.0	-188.0	0.0	0.0	67.7	2.5	1.5	0.0	0.0	0.0	0.0	0.0	-172.0
702	17590780.50	4838220.05	2.40	0	E	A	87.7	0.0	-188.0	0.0	0.0	67.7	2.5	1.5	0.0	0.0	0.0	0.0	0.0	-172.0
704	17590780.50	4838220.05	2.40	1	D	A	87.7	0.0	0.0	0.0	0.0	67.9	2.5	1.5	0.0	0.0	0.0	0.0	2.7	13.2
704	17590780.50	4838220.05	2.40	1	N	A	87.7	0.0	-188.0	0.0	0.0	67.9	2.5	1.5	0.0	0.0	0.0	0.0	2.7	-174.8
704	17590780.50	4838220.05	2.40	1	E	A	87.7	0.0	-188.0	0.0	0.0	67.9	2.5	1.5	0.0	0.0	0.0	0.0	2.7	-174.8

Line Source, ISO 9613, Name: "Walker - 2 Dump Trk", ID: "Walker_DumpTrk03"																				
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)
722	17590787.18	4838340.39	2.40	0	D	A	59.1	22.2	0.0	0.0	0.0	66.2	3.8	0.2	0.0	0.0	0.0	0.0	0.0	11.2
722	17590787.18	4838340.39	2.40	0	N	A	-43.9	22.2	0.0	0.0	0.0	66.2	3.8	0.2	0.0	0.0	0.0	0.0	0.0	-91.9
722	17590787.18	4838340.39	2.40	0	E	A	-43.9	22.2	0.0	0.0	0.0	66.2	3.8	0.2	0.0	0.0	0.0	0.0	0.0	-91.9
724	17590909.22	4838225.65	2.40	0	D	A	59.1	22.2	0.0	0.0	0.0	68.3	4.4	-0.9	0.0	0.0	0.0	0.0	0.0	9.5
724	17590909.22	4838225.65	2.40	0	N	A	-43.9	22.2	0.0	0.0	0.0	68.3	4.4	-0.9	0.0	0.0	0.0	0.0	0.0	-93.5
724	17590909.22	4838225.65	2.40	0	E	A	-43.9	22.2	0.0	0.0	0.0	68.3	4.4	-0.9	0.0	0.0	0.0	0.0	0.0	-93.5
726	17590957.55	4838180.20	2.40	1	D	A	59.1	13.3	0.0	0.0	0.0	69.4	4.8	-0.1	0.0	0.0	4.9	0.0	10.3	-16.8
726	17590957.55	4838180.20	2.40	1	N	A	-43.9	13.3	0.0	0.0	0.0	69.4	4.8	-0.1	0.0	0.0	4.9	0.0	10.3	-119.8
726	17590957.55	4838180.20	2.40	1	E	A	-43.9	13.3	0.0	0.0	0.0	69.4	4.8	-0.1	0.0	0.0	4.9	0.0	10.3	-119.8
728	17590921.62	4838213.99	2.40	1	D	A	59.1	14.4	0.0	0.0	0.0	68.8	4.6	-0.7	0.0	0.0	0.0	0.0	9.5	-8.6
728	17590921.62	4838213.99	2.40	1	N	A	-43.9	14.4	0.0	0.0	0.0	68.8	4.6	-0.7	0.0	0.0	0.0	0.0	9.5	-111.7
728	17590921.62	4838213.99	2.40	1	E	A	-43.9	14.4	0.0	0.0	0.0	68.8	4.6	-0.7	0.0	0.0	0.0	0.0	9.5	-111.7
732	17590907.98	4838223.66	2.40	0	D	A	59.1	22.2	0.0	0.0	0.0	68.3	4.4	-1.1	0.0	0.0	0.0	0.0	0.0	9.6
732	17590907.98	4838223.66	2.40	0	N	A	-43.9	22.2	0.0	0.0	0.0	68.3	4.4	-1.1	0.0	0.0	0.0	0.0	0.0	-93.4
732	17590907.98	4838223.66	2.40	0	E	A	-43.9	22.2	0.0	0.0	0.0	68.3	4.4	-1.1	0.0	0.0	0.0	0.0	0.0	-93.4
734	17590788.88	4838336.73	2.40	0	D	A	59.1	22.2	0.0	0.0	0.0	66.3	3.8	0.1	0.0	0.0	0.0	0.0	0.0	11.0
734	17590788.88	4838336.73	2.40	0	N	A	-43.9	22.2	0.0	0.0	0.0	66.3	3.8	0.1	0.0	0.0	0.0	0.0	0.0	-92.0
734	17590788.88	4838336.73	2.40	0	E	A	-43.9	22.2	0.0	0.0	0.0	66.3	3.8	0.1	0.0	0.0	0.0	0.0	0.0	-92.0
736	17590951.37	4838182.48	2.40	1	D	A	59.1	13.3	0.0	0.0	0.0	69.3	4.8	0.0	0.0	0.0	4.7	0.0	10.2	-16.7
736	17590951.37	4838182.48	2.40	1	N	A	-43.9	13.3	0.0	0.0	0.0	69.3	4.8	0.0	0.0	0.0	4.7	0.0	10.2	-119.7
736	17590951.37	4838182.48	2.40	1	E	A	-43.9	13.3	0.0	0.0	0.0	69.3	4.8	0.0	0.0	0.0	4.7	0.0	10.2	-119.7
738	17590915.95	4838216.10	2.40	1	D	A	59.1	14.3	0.0	0.0	0.0	68.7	4.6	-0.7	0.0	0.0	0.0	0.0	9.4	-8.6
738	17590915.95	4838216.10	2.40	1	N	A	-43.9	14.3	0.0	0.0	0.0	68.7	4.6	-0.7	0.0	0.0	0.0	0.0	9.4	-111.6
738	17590915.95	4838216.10	2.40	1	E	A	-43.9	14.3	0.0	0.0	0.0	68.7	4.6	-0.7	0.0	0.0	0.0	0.0	9.4	-111.6
948	17590759.08	4838334.44	2.40	0	D	A	59.1	19.4	0.0	0.0	0.0	66.1	3.8	0.1	0.0	0.0	0.0	0.0	0.0	8.4
948	17590759.08	4838334.44	2.40	0	N	A	-43.9	19.4	0.0	0.0	0.0	66.1	3.8	0.1	0.0	0.0	0.0	0.0	0.0	-94.6
948	17590759.08	4838334.44	2.40	0	E	A	-43.9	19.4	0.0	0.0	0.0	66.1	3.8	0.1	0.0	0.0	0.0	0.0	0.0	-94.6
988	17590683.68	4838319.36	2.40	0	D	A	59.1	15.8	0.0	0.0	0.0	66.0	3.8	0.1	0.0	0.0	4.7	0.0	0.0	0.3
988	17590683.68	4838319.36	2.40	0	N	A	-43.9	15.8	0.0	0.0	0.0	66.0	3.8	0.1	0.0	0.0	4.7	0.0	0.0	-102.7
988	17590683.68	4838319.36	2.40	0	E	A	-43.9	15.8	0.0	0.0	0.0	66.0	3.8	0.1	0.0	0.0	4.7	0.0	0.0	-102.7
992	17590684.51	4838283.27	2.40	0	D	A	59.1	15.6	0.0	0.0	0.0	66.6	3.9	0.4	0.0	0.0	4.4	0.0	0.0	-0.6
992	17590684.51	4838283.27	2.40	0	N	A	-43.9	15.6	0.0	0.0	0.0	66.6	3.9	0.4	0.0	0.0	4.4	0.0	0.0	-103.6
992	17590684.51	4838283.27	2.40	0	E	A	-43.9	15.6	0.0	0.0	0.0	66.6	3.9	0.4	0.0	0.0	4.4	0.0	0.0	-103.6
998	17590692.98	4838345.89	2.40	0	D	A	59.1	12.9	0.0	0.0	0.0	65.7	3.7	-0.3	0.0	0.0	4.4	0.0	0.0	-1.4
998	17590692.98	4838345.89	2.40	0	N	A	-43.9	12.9	0.0	0.0	0.0	65.7	3.7	-0.3	0.0	0.0	4.4	0.0	0.0	-104.4
998	17590692.98	4838345.89	2.40	0	E	A	-43.9	12.9	0.0	0.0	0.0	65.7	3.7	-0.3	0.0	0.0	4.4	0.0	0.0	-104.4
999	17590701.35	4838357.31	2.40	0	D	A	59.1	9.4	0.0	0.0	0.0	65.5	3.6	-0.4	0.0	0.0	0.0	0.0	0.0	-0.3
999	17590701.35	4838357.31	2.40	0	N	A	-43.9	9.4	0.0	0.0	0.0	65.5	3.6	-0.4	0.0	0.0	0.0	0.0	0.0	-103.3
999	17590701.35	4838357.31	2.40	0	E	A	-43.9	9.4	0.0	0.0	0.0	65.5	3.6	-0.4	0.0	0.0	0.0	0.0	0.0	-103.3
1005	17590730.45	4838255.76	2.40	0	D	A	59.1	15.7	0.0	0.0	0.0	67.1	4.1	0.4	0.0	0.0	0.0	0.0	0.0	3.2
1005	17590730.45	4838255.76	2.40	0	N	A	-43.9	15.7	0.0	0.0	0.0	67.1	4.1	0.4	0.0	0.0	0.0	0.0	0.0	-99.8
1005	17590730.45	4838255.76	2.40	0	E	A	-43.9	15.7	0.0	0.0	0.0	67.1	4.1	0.4	0.0	0.0	0.0	0.0	0.0	-99.8
1006	17590730.45	4838255.76	2.40	1	D	A	59.1	15.7	0.0	0.0	0.0	68.6	4.5	0.6	0.0	0.0	0.0	0.0	9.1	-8.1
1006	17590730.45	4838255.76	2.40	1	N	A	-43.9	15.7	0.0	0.0	0.0	68.6	4.5	0.6	0.0	0.0	0.0	0.0	9.1	-111.1
1006	17590730.45	4838255.76	2.40	1	E	A	-43.9	15.7	0.0	0.0	0.0	68.6	4.5	0.6	0.0	0.0	0.0	0.0	9.1	-111.1
1009	17590701.53	4838256.39	2.40	0	D	A	59.1	15.0	0.0	0.0	0.0	67.0	4.0	0.4	0.0	0.0	4.4	0.0	0.0	-1.7
1009	17590701.53	4838256.39	2.40	0	N	A	-43.9	15.0	0.0	0.0	0.0	67.0	4.0	0.4	0.0	0.0	4.4	0.0	0.0	-104.7

Line Source, ISO 9613, Name: "Walker - 2 Dump Trk", ID: "Walker_DumpTrk03"																				
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)
1009	17590701.53	4838256.39	2.40	0	E	A	-43.9	15.0	0.0	0.0	0.0	67.0	4.0	0.4	0.0	0.0	4.4	0.0	0.0	-104.7
1010	17590701.53	4838256.39	2.40	1	D	A	59.1	15.0	0.0	0.0	0.0	68.9	4.6	0.7	0.0	0.0	0.0	0.0	9.2	-9.3
1010	17590701.53	4838256.39	2.40	1	N	A	-43.9	15.0	0.0	0.0	0.0	68.9	4.6	0.7	0.0	0.0	0.0	0.0	9.2	-112.3
1010	17590701.53	4838256.39	2.40	1	E	A	-43.9	15.0	0.0	0.0	0.0	68.9	4.6	0.7	0.0	0.0	0.0	0.0	9.2	-112.3
1011	17590725.34	4838372.37	2.40	0	D	A	59.1	13.2	0.0	0.0	0.0	65.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	3.3
1011	17590725.34	4838372.37	2.40	0	N	A	-43.9	13.2	0.0	0.0	0.0	65.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	-99.7
1011	17590725.34	4838372.37	2.40	0	E	A	-43.9	13.2	0.0	0.0	0.0	65.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	-99.7
1012	17590798.92	4838293.98	2.40	0	D	A	59.1	14.7	0.0	0.0	0.0	66.9	4.0	0.3	0.0	0.0	0.0	0.0	0.0	2.6
1012	17590798.92	4838293.98	2.40	0	N	A	-43.9	14.7	0.0	0.0	0.0	66.9	4.0	0.3	0.0	0.0	0.0	0.0	0.0	-100.4
1012	17590798.92	4838293.98	2.40	0	E	A	-43.9	14.7	0.0	0.0	0.0	66.9	4.0	0.3	0.0	0.0	0.0	0.0	0.0	-100.4
1024	17590716.69	4838379.96	2.40	0	D	A	59.1	12.2	0.0	0.0	0.0	65.2	3.6	0.1	0.0	0.0	0.0	0.0	0.0	2.4
1024	17590716.69	4838379.96	2.40	0	N	A	-43.9	12.2	0.0	0.0	0.0	65.2	3.6	0.1	0.0	0.0	0.0	0.0	0.0	-100.6
1024	17590716.69	4838379.96	2.40	0	E	A	-43.9	12.2	0.0	0.0	0.0	65.2	3.6	0.1	0.0	0.0	0.0	0.0	0.0	-100.6
1025	17590796.23	4838272.16	2.40	0	D	A	59.1	14.1	0.0	0.0	0.0	67.2	4.1	0.6	0.0	0.0	0.0	0.0	0.0	1.3
1025	17590796.23	4838272.16	2.40	0	N	A	-43.9	14.1	0.0	0.0	0.0	67.2	4.1	0.6	0.0	0.0	0.0	0.0	0.0	-101.7
1025	17590796.23	4838272.16	2.40	0	E	A	-43.9	14.1	0.0	0.0	0.0	67.2	4.1	0.6	0.0	0.0	0.0	0.0	0.0	-101.7
1026	17590789.02	4838265.40	2.40	1	D	A	59.1	7.6	0.0	0.0	0.0	68.0	4.3	0.2	0.0	0.0	0.0	0.0	3.4	-9.3
1026	17590789.02	4838265.40	2.40	1	N	A	-43.9	7.6	0.0	0.0	0.0	68.0	4.3	0.2	0.0	0.0	0.0	0.0	3.4	-112.3
1026	17590789.02	4838265.40	2.40	1	E	A	-43.9	7.6	0.0	0.0	0.0	68.0	4.3	0.2	0.0	0.0	0.0	0.0	3.4	-112.3
1027	17590768.85	4838257.10	2.40	0	D	A	59.1	1.4	0.0	0.0	0.0	67.2	4.1	0.6	0.0	0.0	0.0	0.0	0.0	-11.4
1027	17590768.85	4838257.10	2.40	0	N	A	-43.9	1.4	0.0	0.0	0.0	67.2	4.1	0.6	0.0	0.0	0.0	0.0	0.0	-114.5
1027	17590768.85	4838257.10	2.40	0	E	A	-43.9	1.4	0.0	0.0	0.0	67.2	4.1	0.6	0.0	0.0	0.0	0.0	0.0	-114.5
1028	17590757.44	4838260.93	2.40	0	D	A	59.1	13.6	0.0	0.0	0.0	67.1	4.1	0.6	0.0	0.0	0.0	0.0	0.0	0.9
1028	17590757.44	4838260.93	2.40	0	N	A	-43.9	13.6	0.0	0.0	0.0	67.1	4.1	0.6	0.0	0.0	0.0	0.0	0.0	-102.1
1028	17590757.44	4838260.93	2.40	0	E	A	-43.9	13.6	0.0	0.0	0.0	67.1	4.1	0.6	0.0	0.0	0.0	0.0	0.0	-102.1
1029	17590758.09	4838260.71	2.40	1	D	A	59.1	13.8	0.0	0.0	0.0	68.3	4.4	0.6	0.0	0.0	0.0	0.0	3.3	-3.8
1029	17590758.09	4838260.71	2.40	1	N	A	-43.9	13.8	0.0	0.0	0.0	68.3	4.4	0.6	0.0	0.0	0.0	0.0	3.3	-106.8
1029	17590758.09	4838260.71	2.40	1	E	A	-43.9	13.8	0.0	0.0	0.0	68.3	4.4	0.6	0.0	0.0	0.0	0.0	3.3	-106.8
1033	17590708.70	4838366.61	2.40	0	D	A	59.1	11.8	0.0	0.0	0.0	65.4	3.6	-0.3	0.0	0.0	0.0	0.0	0.0	2.1
1033	17590708.70	4838366.61	2.40	0	N	A	-43.9	11.8	0.0	0.0	0.0	65.4	3.6	-0.3	0.0	0.0	0.0	0.0	0.0	-100.9
1033	17590708.70	4838366.61	2.40	0	E	A	-43.9	11.8	0.0	0.0	0.0	65.4	3.6	-0.3	0.0	0.0	0.0	0.0	0.0	-100.9
1034	17590723.03	4838392.64	2.40	0	D	A	59.1	10.8	0.0	0.0	0.0	65.1	3.5	-0.0	0.0	0.0	0.0	0.0	0.0	1.3
1034	17590723.03	4838392.64	2.40	0	N	A	-43.9	10.8	0.0	0.0	0.0	65.1	3.5	-0.0	0.0	0.0	0.0	0.0	0.0	-101.7
1034	17590723.03	4838392.64	2.40	0	E	A	-43.9	10.8	0.0	0.0	0.0	65.1	3.5	-0.0	0.0	0.0	0.0	0.0	0.0	-101.7
1035	17590778.21	4838260.16	2.40	0	D	A	59.1	12.7	0.0	0.0	0.0	67.2	4.1	0.6	0.0	0.0	0.0	0.0	0.0	-0.1
1035	17590778.21	4838260.16	2.40	0	N	A	-43.9	12.7	0.0	0.0	0.0	67.2	4.1	0.6	0.0	0.0	0.0	0.0	0.0	-103.1
1035	17590778.21	4838260.16	2.40	0	E	A	-43.9	12.7	0.0	0.0	0.0	67.2	4.1	0.6	0.0	0.0	0.0	0.0	0.0	-103.1
1036	17590773.05	4838258.21	2.40	1	D	A	59.1	8.8	0.0	0.0	0.0	68.1	4.4	0.6	0.0	0.0	0.0	0.0	3.3	-8.5
1036	17590773.05	4838258.21	2.40	1	N	A	-43.9	8.8	0.0	0.0	0.0	68.1	4.4	0.6	0.0	0.0	0.0	0.0	3.3	-111.5
1036	17590773.05	4838258.21	2.40	1	E	A	-43.9	8.8	0.0	0.0	0.0	68.1	4.4	0.6	0.0	0.0	0.0	0.0	3.3	-111.5
1037	17590781.38	4838261.35	2.40	1	D	A	59.1	10.7	0.0	0.0	0.0	68.1	4.4	0.5	0.0	0.0	0.0	0.0	3.3	-6.5
1037	17590781.38	4838261.35	2.40	1	N	A	-43.9	10.7	0.0	0.0	0.0	68.1	4.4	0.5	0.0	0.0	0.0	0.0	3.3	-109.5
1037	17590781.38	4838261.35	2.40	1	E	A	-43.9	10.7	0.0	0.0	0.0	68.1	4.4	0.5	0.0	0.0	0.0	0.0	3.3	-109.5
1038	17590727.08	4838388.10	2.40	0	D	A	59.1	10.5	0.0	0.0	0.0	65.1	3.5	-0.0	0.0	0.0	0.0	0.0	0.0	0.9
1038	17590727.08	4838388.10	2.40	0	N	A	-43.9	10.5	0.0	0.0	0.0	65.1	3.5	-0.0	0.0	0.0	0.0	0.0	0.0	-102.1
1038	17590727.08	4838388.10	2.40	0	E	A	-43.9	10.5	0.0	0.0	0.0	65.1	3.5	-0.0	0.0	0.0	0.0	0.0	0.0	-102.1

Line Source, ISO 9613, Name: "GB Stone - 1 Heavy Trk", ID: "GB_HeavyTrkMove02"																				
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)
746	17590912.95	4838225.27	2.40	0	D	A	64.2	21.9	0.0	0.0	0.0	68.3	2.9	-0.1	0.0	0.0	0.0	0.0	0.0	14.9
746	17590912.95	4838225.27	2.40	0	N	A	-35.8	21.9	0.0	0.0	0.0	68.3	2.9	-0.1	0.0	0.0	0.0	0.0	0.0	-85.1
746	17590912.95	4838225.27	2.40	0	E	A	-35.8	21.9	0.0	0.0	0.0	68.3	2.9	-0.1	0.0	0.0	0.0	0.0	0.0	-85.1
748	17590961.03	4838179.00	2.40	1	D	A	64.2	13.2	0.0	0.0	0.0	69.4	3.2	0.3	0.0	0.0	4.4	0.0	35.4	-35.4
748	17590961.03	4838179.00	2.40	1	N	A	-35.8	13.2	0.0	0.0	0.0	69.4	3.2	0.3	0.0	0.0	4.4	0.0	35.4	-135.4
748	17590961.03	4838179.00	2.40	1	E	A	-35.8	13.2	0.0	0.0	0.0	69.4	3.2	0.3	0.0	0.0	4.4	0.0	35.4	-135.4
750	17590926.61	4838212.13	2.40	1	D	A	64.2	14.3	0.0	0.0	0.0	68.8	3.0	-0.6	0.0	0.0	0.0	0.0	13.0	-5.8
750	17590926.61	4838212.13	2.40	1	N	A	-35.8	14.3	0.0	0.0	0.0	68.8	3.0	-0.6	0.0	0.0	0.0	0.0	13.0	-105.8
750	17590926.61	4838212.13	2.40	1	E	A	-35.8	14.3	0.0	0.0	0.0	68.8	3.0	-0.6	0.0	0.0	0.0	0.0	13.0	-105.8
772	17590923.59	4838217.59	2.40	0	D	A	64.2	21.1	0.0	0.0	0.0	68.5	2.9	0.6	0.0	0.0	0.0	0.0	0.0	13.2
772	17590923.59	4838217.59	2.40	0	N	A	-35.8	21.1	0.0	0.0	0.0	68.5	2.9	0.6	0.0	0.0	0.0	0.0	0.0	-86.8
772	17590923.59	4838217.59	2.40	0	E	A	-35.8	21.1	0.0	0.0	0.0	68.5	2.9	0.6	0.0	0.0	0.0	0.0	0.0	-86.8
774	17590963.35	4838178.80	2.40	1	D	A	64.2	12.4	0.0	0.0	0.0	69.4	3.2	0.2	0.0	0.0	4.5	0.0	35.5	-36.2

Line Source, ISO 9613, Name: "GB Stone - 1 Heavy Trk", ID: "GB_HeavyTrkMove02"																				
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)
774	17590963.35	4838178.80	2.40	1	N	A	-35.8	12.4	0.0	0.0	0.0	69.4	3.2	0.2	0.0	0.0	4.5	0.0	35.5	-136.2
774	17590963.35	4838178.80	2.40	1	E	A	-35.8	12.4	0.0	0.0	0.0	69.4	3.2	0.2	0.0	0.0	4.5	0.0	35.5	-136.2
776	17590930.77	4838210.58	2.40	1	D	A	64.2	14.3	0.0	0.0	0.0	68.9	3.0	-0.7	0.0	0.0	0.0	0.0	13.1	-5.9
776	17590930.77	4838210.58	2.40	1	N	A	-35.8	14.3	0.0	0.0	0.0	68.9	3.0	-0.7	0.0	0.0	0.0	0.0	13.1	-105.9
776	17590930.77	4838210.58	2.40	1	E	A	-35.8	14.3	0.0	0.0	0.0	68.9	3.0	-0.7	0.0	0.0	0.0	0.0	13.1	-105.9
972	17590885.73	4838274.85	2.40	0	D	A	64.2	14.7	0.0	0.0	0.0	67.6	2.8	-1.6	0.0	0.0	0.0	0.0	0.0	10.1
972	17590885.73	4838274.85	2.40	0	N	A	-35.8	14.7	0.0	0.0	0.0	67.6	2.8	-1.6	0.0	0.0	0.0	0.0	0.0	-89.9
972	17590885.73	4838274.85	2.40	0	E	A	-35.8	14.7	0.0	0.0	0.0	67.6	2.8	-1.6	0.0	0.0	0.0	0.0	0.0	-89.9
973	17590884.86	4838275.77	2.40	0	D	A	64.2	14.7	0.0	0.0	0.0	67.6	2.8	-1.6	0.0	0.0	0.0	0.0	0.0	10.1
973	17590884.86	4838275.77	2.40	0	N	A	-35.8	14.7	0.0	0.0	0.0	67.6	2.8	-1.6	0.0	0.0	0.0	0.0	0.0	-89.9
973	17590884.86	4838275.77	2.40	0	E	A	-35.8	14.7	0.0	0.0	0.0	67.6	2.8	-1.6	0.0	0.0	0.0	0.0	0.0	-89.9
980	17590866.60	4838271.54	2.40	0	D	A	64.2	13.7	0.0	0.0	0.0	67.5	2.8	-0.5	0.0	0.0	0.0	0.0	0.0	8.0
980	17590866.60	4838271.54	2.40	0	N	A	-35.8	13.7	0.0	0.0	0.0	67.5	2.8	-0.5	0.0	0.0	0.0	0.0	0.0	-92.0
980	17590866.60	4838271.54	2.40	0	E	A	-35.8	13.7	0.0	0.0	0.0	67.5	2.8	-0.5	0.0	0.0	0.0	0.0	0.0	-92.0

Line Source, ISO 9613, Name: "Walker - Heavy Trk", ID: "Walker_HeavyTrkMove04"																				
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)
786	17590927.08	4838206.25	2.40	0	D	A	64.2	20.7	0.0	0.0	0.0	68.6	3.0	0.3	0.0	0.0	0.0	0.0	0.0	13.0
786	17590927.08	4838206.25	2.40	0	N	A	-35.8	20.7	0.0	0.0	0.0	68.6	3.0	0.3	0.0	0.0	0.0	0.0	0.0	-87.0
786	17590927.08	4838206.25	2.40	0	E	A	-35.8	20.7	0.0	0.0	0.0	68.6	3.0	0.3	0.0	0.0	0.0	0.0	0.0	-87.0
788	17590951.33	4838182.49	2.40	1	D	A	64.2	13.1	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-14.0
788	17590951.33	4838182.49	2.40	1	N	A	-35.8	13.1	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-114.0
788	17590951.33	4838182.49	2.40	1	E	A	-35.8	13.1	0.0	0.0	0.0	69.3	3.1	0.7	0.0	0.0	4.0	0.0	14.0	-114.0
789	17590917.68	4838215.46	2.40	1	D	A	64.2	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-5.9
789	17590917.68	4838215.46	2.40	1	N	A	-35.8	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.9
789	17590917.68	4838215.46	2.40	1	E	A	-35.8	14.2	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.8	-105.9
818	17590935.15	4838195.89	2.40	0	D	A	64.2	19.4	0.0	0.0	0.0	68.7	3.0	0.1	0.0	0.0	0.0	0.0	0.0	11.7
818	17590935.15	4838195.89	2.40	0	N	A	-35.8	19.4	0.0	0.0	0.0	68.7	3.0	0.1	0.0	0.0	0.0	0.0	0.0	-88.3
818	17590935.15	4838195.89	2.40	0	E	A	-35.8	19.4	0.0	0.0	0.0	68.7	3.0	0.1	0.0	0.0	0.0	0.0	0.0	-88.3
820	17590947.29	4838183.98	2.40	1	D	A	64.2	13.1	0.0	0.0	0.0	69.3	3.1	0.9	0.0	0.0	3.9	0.0	14.0	-13.9
820	17590947.29	4838183.98	2.40	1	N	A	-35.8	13.1	0.0	0.0	0.0	69.3	3.1	0.9	0.0	0.0	3.9	0.0	14.0	-113.9
820	17590947.29	4838183.98	2.40	1	E	A	-35.8	13.1	0.0	0.0	0.0	69.3	3.1	0.9	0.0	0.0	3.9	0.0	14.0	-113.9
822	17590913.71	4838216.94	2.40	1	D	A	64.2	14.1	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.7	-5.9
822	17590913.71	4838216.94	2.40	1	N	A	-35.8	14.1	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.7	-105.9
822	17590913.71	4838216.94	2.40	1	E	A	-35.8	14.1	0.0	0.0	0.0	68.7	3.0	-0.3	0.0	0.0	0.0	0.0	12.7	-105.9
984	17590884.83	4838236.78	2.40	0	D	A	64.2	13.3	0.0	0.0	0.0	68.0	2.9	-1.2	0.0	0.0	0.0	0.0	0.0	7.7
984	17590884.83	4838236.78	2.40	0	N	A	-35.8	13.3	0.0	0.0	0.0	68.0	2.9	-1.2	0.0	0.0	0.0	0.0	0.0	-92.3
984	17590884.83	4838236.78	2.40	0	E	A	-35.8	13.3	0.0	0.0	0.0	68.0	2.9	-1.2	0.0	0.0	0.0	0.0	0.0	-92.3
985	17590884.68	4838229.67	2.40	1	D	A	64.2	8.5	0.0	0.0	0.0	68.3	2.9	-0.5	0.0	0.0	0.0	0.0	6.6	-4.7
985	17590884.68	4838229.67	2.40	1	N	A	-35.8	8.5	0.0	0.0	0.0	68.3	2.9	-0.5	0.0	0.0	0.0	0.0	6.6	-104.7
985	17590884.68	4838229.67	2.40	1	E	A	-35.8	8.5	0.0	0.0	0.0	68.3	2.9	-0.5	0.0	0.0	0.0	0.0	6.6	-104.7
993	17590881.10	4838220.06	2.40	0	D	A	64.2	12.2	0.0	0.0	0.0	68.2	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	6.5
993	17590881.10	4838220.06	2.40	0	N	A	-35.8	12.2	0.0	0.0	0.0	68.2	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	-93.5
993	17590881.10	4838220.06	2.40	0	E	A	-35.8	12.2	0.0	0.0	0.0	68.2	2.9	-1.1	0.0	0.0	0.0	0.0	0.0	-93.5
994	17590874.89	4838214.57	2.40	1	D	A	64.2	-7.0	0.0	0.0	0.0	68.4	2.9	-0.1	0.0	0.0	4.9	0.0	7.3	-26.3
994	17590874.89	4838214.57	2.40	1	N	A	-35.8	-7.0	0.0	0.0	0.0	68.4	2.9	-0.1	0.0	0.0	4.9	0.0	7.3	-126.3
994	17590874.89	4838214.57	2.40	1	E	A	-35.8	-7.0	0.0	0.0	0.0	68.4	2.9	-0.1	0.0	0.0	4.9	0.0	7.3	-126.3
995	17590885.72	4838224.15	2.40	1	D	A	64.2	6.5	0.0	0.0	0.0	68.3	2.9	-0.5	0.0	0.0	0.0	0.0	6.6	-6.7
995	17590885.72	4838224.15	2.40	1	N	A	-35.8	6.5	0.0	0.0	0.0	68.3	2.9	-0.5	0.0	0.0	0.0	0.0	6.6	-106.7
995	17590885.72	4838224.15	2.40	1	E	A	-35.8	6.5	0.0	0.0	0.0	68.3	2.9	-0.5	0.0	0.0	0.0	0.0	6.6	-106.7
996	17590895.59	4838226.15	2.40	0	D	A	64.2	12.2	0.0	0.0	0.0	68.2	2.9	-1.8	0.0	0.0	0.0	0.0	0.0	7.0
996	17590895.59	4838226.15	2.40	0	N	A	-35.8	12.2	0.0	0.0	0.0	68.2	2.9	-1.8	0.0	0.0	0.0	0.0	0.0	-93.0
996	17590895.59	4838226.15	2.40	0	E	A	-35.8	12.2	0.0	0.0	0.0	68.2	2.9	-1.8	0.0	0.0	0.0	0.0	0.0	-93.0
997	17590895.09	4838226.12	2.40	1	D	A	64.2	11.9	0.0	0.0	0.0	68.4	2.9	-0.6	0.0	0.0	0.0	0.0	12.8	-7.6
997	17590895.09	4838226.12	2.40	1	N	A	-35.8	11.9	0.0	0.0	0.0	68.4	2.9	-0.6	0.0	0.0	0.0	0.0	12.8	-107.6
997	17590895.09	4838226.12	2.40	1	E	A	-35.8	11.9	0.0	0.0	0.0	68.4	2.9	-0.6	0.0	0.0	0.0	0.0	12.8	-107.6
1001	17590879.71	4838220.33	2.40	0	D	A	64.2	11.8	0.0	0.0	0.0	68.2	2.9	-1.0	0.0	0.0	0.0	0.0	0.0	5.9
1001	17590879.71	4838220.33	2.40	0	N	A	-35.8	11.8	0.0	0.0	0.0	68.2	2.9	-1.0	0.0	0.0	0.0	0.0	0.0	-94.1
1001	17590879.71	4838220.33	2.40	0	E	A	-35.8	11.8	0.0	0.0	0.0	68.2	2.9	-1.0	0.0	0.0	0.0	0.0	0.0	-94.1
1002	17590874.87	4838214.58	2.40	1	D	A	64.2	-7.3	0.0	0.0	0.0	68.4	2.9	-0.1	0.0	0.0	4.9	0.0	7.3	-26.6
1002	17590874.87	4838214.58	2.40	1	N	A	-35.8	-7.3	0.0	0.0	0.0	68.4	2.9	-0.1	0.0	0.0	4.9	0.0	7.3	-126.6
1002	17590874.87	4838214.58	2.40	1	E	A	-35.8	-7.3	0.0	0.0	0.0	68.4	2.9	-0.1	0.0	0.0	4.9	0.0	7.3	-126.6

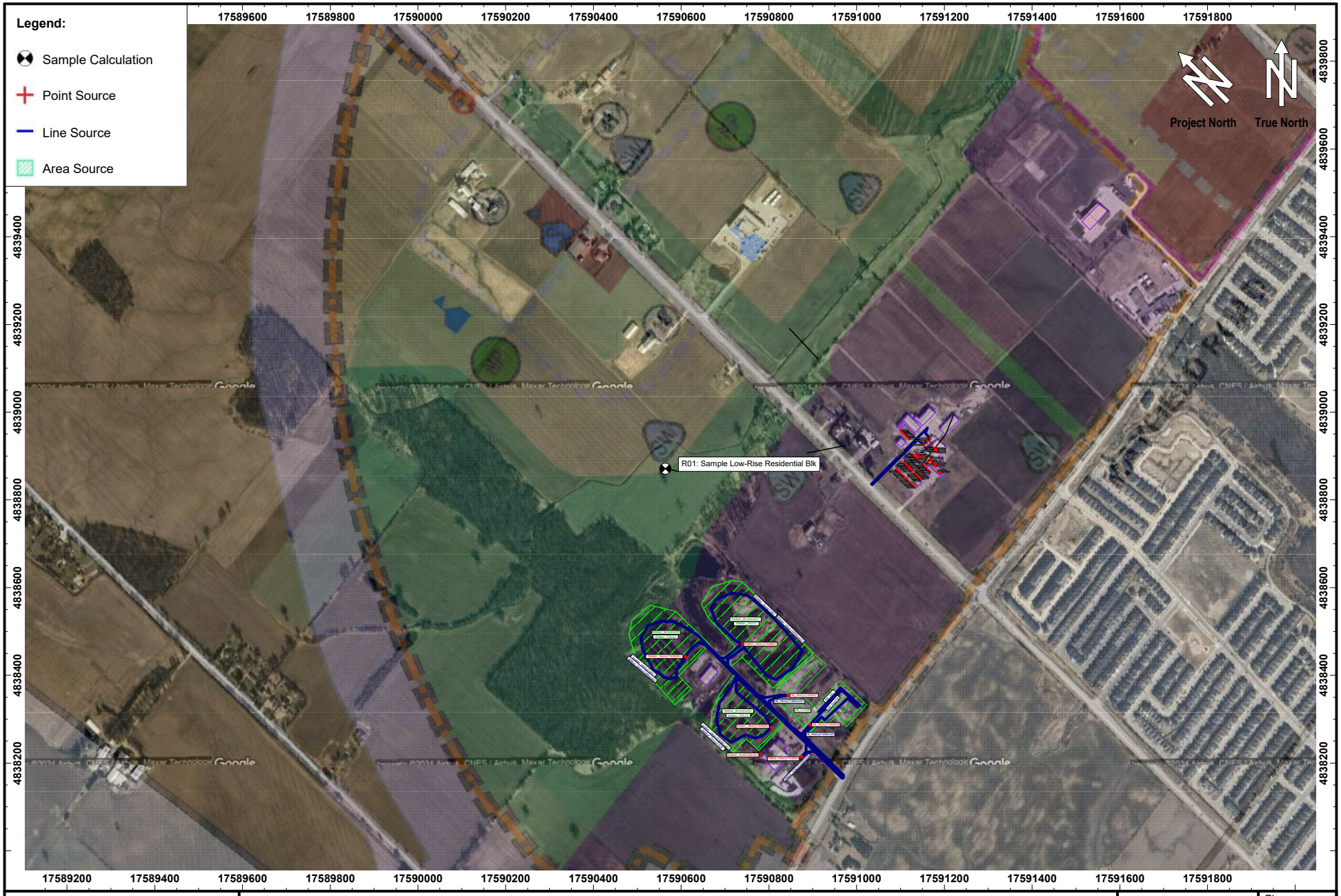
Line Source, ISO 9613, Name: "Walker - Heavy Trk", ID: "Walker_HeavyTrkMove04"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1003	17590883.43	4838224.76	2.40	1	D	A	64.2	5.6	0.0	0.0	0.0	68.3	2.9	-0.5	0.0	0.0	0.0	0.0	6.6	-7.5
1003	17590883.43	4838224.76	2.40	1	N	A	-35.8	5.6	0.0	0.0	0.0	68.3	2.9	-0.5	0.0	0.0	0.0	0.0	6.6	-107.5
1003	17590883.43	4838224.76	2.40	1	E	A	-35.8	5.6	0.0	0.0	0.0	68.3	2.9	-0.5	0.0	0.0	0.0	0.0	6.6	-107.5

Line Source, ISO 9613, Name: "Walker - 2 Dump Trk", ID: "Walker_DumpTrk02"																				
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)
938	17590685.50	4838443.11	2.40	0	D	A	59.1	17.9	0.0	0.0	0.0	64.0	3.2	0.3	0.0	0.0	0.0	0.0	0.0	9.4
938	17590685.50	4838443.11	2.40	0	N	A	-43.9	17.9	0.0	0.0	0.0	64.0	3.2	0.3	0.0	0.0	0.0	0.0	0.0	-93.6
938	17590685.50	4838443.11	2.40	0	E	A	-43.9	17.9	0.0	0.0	0.0	64.0	3.2	0.3	0.0	0.0	0.0	0.0	0.0	-93.6
963	17590622.94	4838500.96	2.40	0	D	A	59.1	15.3	0.0	0.0	0.0	62.5	2.9	0.5	0.0	0.0	0.0	0.0	0.0	8.5
963	17590622.94	4838500.96	2.40	0	N	A	-43.9	15.3	0.0	0.0	0.0	62.5	2.9	0.5	0.0	0.0	0.0	0.0	0.0	-94.5
963	17590622.94	4838500.96	2.40	0	E	A	-43.9	15.3	0.0	0.0	0.0	62.5	2.9	0.5	0.0	0.0	0.0	0.0	0.0	-94.5
964	17590650.62	4838478.34	2.40	0	D	A	59.1	15.8	0.0	0.0	0.0	63.1	3.0	0.5	0.0	0.0	0.0	0.0	0.0	8.2
964	17590650.62	4838478.34	2.40	0	N	A	-43.9	15.8	0.0	0.0	0.0	63.1	3.0	0.5	0.0	0.0	0.0	0.0	0.0	-94.8
964	17590650.62	4838478.34	2.40	0	E	A	-43.9	15.8	0.0	0.0	0.0	63.1	3.0	0.5	0.0	0.0	0.0	0.0	0.0	-94.8
965	17590517.36	4838501.55	2.40	0	D	A	59.1	15.1	0.0	0.0	0.0	62.4	2.9	0.5	0.0	0.0	0.0	0.0	0.0	8.3
965	17590517.36	4838501.55	2.40	0	N	A	-43.9	15.1	0.0	0.0	0.0	62.4	2.9	0.5	0.0	0.0	0.0	0.0	0.0	-94.7
965	17590517.36	4838501.55	2.40	0	E	A	-43.9	15.1	0.0	0.0	0.0	62.4	2.9	0.5	0.0	0.0	0.0	0.0	0.0	-94.7
966	17590669.57	4838455.06	2.40	0	D	A	59.1	16.3	0.0	0.0	0.0	63.7	3.2	0.2	0.0	0.0	0.0	0.0	0.0	8.4
966	17590669.57	4838455.06	2.40	0	N	A	-43.9	16.3	0.0	0.0	0.0	63.7	3.2	0.2	0.0	0.0	0.0	0.0	0.0	-94.7
966	17590669.57	4838455.06	2.40	0	E	A	-43.9	16.3	0.0	0.0	0.0	63.7	3.2	0.2	0.0	0.0	0.0	0.0	0.0	-94.7
967	17590568.14	4838523.55	2.40	0	D	A	59.1	14.7	0.0	0.0	0.0	61.8	2.8	0.5	0.0	0.0	0.0	0.0	0.0	8.7
967	17590568.14	4838523.55	2.40	0	N	A	-43.9	14.7	0.0	0.0	0.0	61.8	2.8	0.5	0.0	0.0	0.0	0.0	0.0	-94.4
967	17590568.14	4838523.55	2.40	0	E	A	-43.9	14.7	0.0	0.0	0.0	61.8	2.8	0.5	0.0	0.0	0.0	0.0	0.0	-94.4
968	17590595.59	4838516.79	2.40	0	D	A	59.1	14.7	0.0	0.0	0.0	62.0	2.8	0.5	0.0	0.0	0.0	0.0	0.0	8.4
968	17590595.59	4838516.79	2.40	0	N	A	-43.9	14.7	0.0	0.0	0.0	62.0	2.8	0.5	0.0	0.0	0.0	0.0	0.0	-94.6
968	17590595.59	4838516.79	2.40	0	E	A	-43.9	14.7	0.0	0.0	0.0	62.0	2.8	0.5	0.0	0.0	0.0	0.0	0.0	-94.6
969	17590539.79	4838519.24	2.40	0	D	A	59.1	14.6	0.0	0.0	0.0	62.0	2.8	0.5	0.0	0.0	0.0	0.0	0.0	8.4
969	17590539.79	4838519.24	2.40	0	N	A	-43.9	14.6	0.0	0.0	0.0	62.0	2.8	0.5	0.0	0.0	0.0	0.0	0.0	-94.6
969	17590539.79	4838519.24	2.40	0	E	A	-43.9	14.6	0.0	0.0	0.0	62.0	2.8	0.5	0.0	0.0	0.0	0.0	0.0	-94.6
977	17590510.04	4838474.66	2.40	0	D	A	59.1	14.3	0.0	0.0	0.0	63.0	3.0	0.5	0.0	0.0	0.0	0.0	0.0	6.8
977	17590510.04	4838474.66	2.40	0	N	A	-43.9	14.3	0.0	0.0	0.0	63.0	3.0	0.5	0.0	0.0	0.0	0.0	0.0	-96.2
977	17590510.04	4838474.66	2.40	0	E	A	-43.9	14.3	0.0	0.0	0.0	63.0	3.0	0.5	0.0	0.0	0.0	0.0	0.0	-96.2
978	17590599.81	4838427.77	2.40	0	D	A	59.1	15.2	0.0	0.0	0.0	64.0	3.2	0.5	0.0	0.0	0.0	0.0	0.0	6.6
978	17590599.81	4838427.77	2.40	0	N	A	-43.9	15.2	0.0	0.0	0.0	64.0	3.2	0.5	0.0	0.0	0.0	0.0	0.0	-96.5
978	17590599.81	4838427.77	2.40	0	E	A	-43.9	15.2	0.0	0.0	0.0	64.0	3.2	0.5	0.0	0.0	0.0	0.0	0.0	-96.5
979	17590594.53	4838420.08	2.40	1	D	A	59.1	11.6	0.0	0.0	0.0	65.5	3.6	-0.2	0.0	0.0	0.0	0.0	8.0	-6.3
979	17590594.53	4838420.08	2.40	1	N	A	-43.9	11.6	0.0	0.0	0.0	65.5	3.6	-0.2	0.0	0.0	0.0	0.0	8.0	-109.3
979	17590594.53	4838420.08	2.40	1	E	A	-43.9	11.6	0.0	0.0	0.0	65.5	3.6	-0.2	0.0	0.0	0.0	0.0	8.0	-109.3
989	17590516.15	4838451.95	2.40	0	D	A	59.1	13.2	0.0	0.0	0.0	63.5	3.1	0.5	0.0	0.0	0.0	0.0	0.0	5.1
989	17590516.15	4838451.95	2.40	0	N	A	-43.9	13.2	0.0	0.0	0.0	63.5	3.1	0.5	0.0	0.0	0.0	0.0	0.0	-97.9
989	17590516.15	4838451.95	2.40	0	E	A	-43.9	13.2	0.0	0.0	0.0	63.5	3.1	0.5	0.0	0.0	0.0	0.0	0.0	-97.9
990	17590526.38	4838432.75	2.40	0	D	A	59.1	13.5	0.0	0.0	0.0	63.9	3.2	0.5	0.0	0.0	0.0	0.0	0.0	5.0
990	17590526.38	4838432.75	2.40	0	N	A	-43.9	13.5	0.0	0.0	0.0	63.9	3.2	0.5	0.0	0.0	0.0	0.0	0.0	-98.0
990	17590526.38	4838432.75	2.40	0	E	A	-43.9	13.5	0.0	0.0	0.0	63.9	3.2	0.5	0.0	0.0	0.0	0.0	0.0	-98.0
991	17590633.22	4838470.17	2.40	0	D	A	59.1	12.8	0.0	0.0	0.0	63.2	3.1	0.5	0.0	0.0	0.0	0.0	0.0	5.1
991	17590633.22	4838470.17	2.40	0	N	A	-43.9	12.8	0.0	0.0	0.0	63.2	3.1	0.5	0.0	0.0	0.0	0.0	0.0	-97.9
991	17590633.22	4838470.17	2.40	0	E	A	-43.9	12.8	0.0	0.0	0.0	63.2	3.1	0.5	0.0	0.0	0.0	0.0	0.0	-97.9
1000	17590620.37	4838458.30	2.40	0	D	A	59.1	12.1	0.0	0.0	0.0	63.4	3.1	0.5	0.0	0.0	0.0	0.0	0.0	4.1
1000	17590620.37	4838458.30	2.40	0	N	A	-43.9	12.1	0.0	0.0	0.0	63.4	3.1	0.5	0.0	0.0	0.0	0.0	0.0	-98.9
1000	17590620.37	4838458.30	2.40	0	E	A	-43.9	12.1	0.0	0.0	0.0	63.4	3.1	0.5	0.0	0.0	0.0	0.0	0.0	-98.9
1004	17590647.75	4838472.99	2.40	0	D	A	59.1	11.8	0.0	0.0	0.0	63.2	3.1	0.5	0.0	0.0	0.0	0.0	0.0	4.1
1004	17590647.75	4838472.99	2.40	0	N	A	-43.9	11.8	0.0	0.0	0.0	63.2	3.1	0.5	0.0	0.0	0.0	0.0	0.0	-98.9
1004	17590647.75	4838472.99	2.40	0	E	A	-43.9	11.8	0.0	0.0	0.0	63.2	3.1	0.5	0.0	0.0	0.0	0.0	0.0	-98.9
1007	17590589.12	4838405.02	2.40	0	D	A	59.1	12.6	0.0	0.0	0.0	64.4	3.3	0.6	0.0	0.0	0.0	0.0	0.0	3.4
1007	17590589.12	4838405.02	2.40	0	N	A	-43.9	12.6	0.0	0.0	0.0	64.4	3.3	0.6	0.0	0.0	0.0	0.0	0.0	-99.6
1007	17590589.12	4838405.02	2.40	0	E	A	-43.9	12.6	0.0	0.0	0.0	64.4	3.3	0.6	0.0	0.0	0.0	0.0	0.0	-99.6
1008	17590589.12	4838405.02	2.40	1	D	A	59.1	12.6	0.0	0.0	0.0	65.6	3.7	0.4	0.0	0.0	0.0	0.0	8.0	-5.9
1008	17590589.12	4838405.02	2.40	1	N	A	-43.9	12.6	0.0	0.0	0.0	65.6	3.7	0.4	0.0	0.0	0.0	0.0	8.0	-108.9
1008	17590589.12	4838405.02	2.40	1	E	A	-43.9	12.6	0.0	0.0	0.0	65.6	3.7	0.4	0.0	0.0	0.0	0.0	8.0	-108.9
1013	17590580.12	4838394.65	2.40	0	D	A	59.1	11.9	0.0	0.0	0.0	64.6	3.4	0.6	0.0	0.0	0.0	0.0	0.0	2.5
1013	17590580.12	4838394.65	2.40	0	N	A	-43.9	11.9	0.0	0.0	0.0	64.6	3.4	0.6	0.0	0.0	0.0	0.0	0.0	-100.5

Line Source, ISO 9613, Name: "Walker - 2 Dump Trk", ID: "Walker_DumpTrk02"																				
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)
1013	17590580.12	4838394.65	2.40	0	E	A	-43.9	11.9	0.0	0.0	0.0	64.6	3.4	0.6	0.0	0.0	0.0	0.0	0.0	-100.5
1014	17590580.12	4838394.65	2.40	1	D	A	59.1	11.9	0.0	0.0	0.0	65.8	3.7	0.4	0.0	0.0	0.0	0.0	8.0	-6.9
1014	17590580.12	4838394.65	2.40	1	N	A	-43.9	11.9	0.0	0.0	0.0	65.8	3.7	0.4	0.0	0.0	0.0	0.0	8.0	-109.9
1014	17590580.12	4838394.65	2.40	1	E	A	-43.9	11.9	0.0	0.0	0.0	65.8	3.7	0.4	0.0	0.0	0.0	0.0	8.0	-109.9
1015	17590612.19	4838446.83	2.40	0	D	A	59.1	10.9	0.0	0.0	0.0	63.6	3.2	0.5	0.0	0.0	0.0	0.0	0.0	2.7
1015	17590612.19	4838446.83	2.40	0	N	A	-43.9	10.9	0.0	0.0	0.0	63.6	3.2	0.5	0.0	0.0	0.0	0.0	0.0	-100.3
1015	17590612.19	4838446.83	2.40	0	E	A	-43.9	10.9	0.0	0.0	0.0	63.6	3.2	0.5	0.0	0.0	0.0	0.0	0.0	-100.3
1017	17590542.98	4838409.38	2.40	0	D	A	59.1	11.5	0.0	0.0	0.0	64.3	3.3	0.5	0.0	0.0	0.0	0.0	0.0	2.4
1017	17590542.98	4838409.38	2.40	0	N	A	-43.9	11.5	0.0	0.0	0.0	64.3	3.3	0.5	0.0	0.0	0.0	0.0	0.0	-100.6
1017	17590542.98	4838409.38	2.40	0	E	A	-43.9	11.5	0.0	0.0	0.0	64.3	3.3	0.5	0.0	0.0	0.0	0.0	0.0	-100.6
1018	17590542.98	4838409.38	2.40	1	D	A	59.1	11.5	0.0	0.0	0.0	66.3	3.9	0.5	0.0	0.0	0.0	0.0	26.4	-26.4
1018	17590542.98	4838409.38	2.40	1	N	A	-43.9	11.5	0.0	0.0	0.0	66.3	3.9	0.5	0.0	0.0	0.0	0.0	26.4	-129.4
1018	17590542.98	4838409.38	2.40	1	E	A	-43.9	11.5	0.0	0.0	0.0	66.3	3.9	0.5	0.0	0.0	0.0	0.0	26.4	-129.4
1019	17590554.71	4838401.74	2.40	0	D	A	59.1	11.5	0.0	0.0	0.0	64.4	3.4	0.6	0.0	0.0	0.0	0.0	0.0	2.3
1019	17590554.71	4838401.74	2.40	0	N	A	-43.9	11.5	0.0	0.0	0.0	64.4	3.4	0.6	0.0	0.0	0.0	0.0	0.0	-100.8
1019	17590554.71	4838401.74	2.40	0	E	A	-43.9	11.5	0.0	0.0	0.0	64.4	3.4	0.6	0.0	0.0	0.0	0.0	0.0	-100.8
1020	17590554.71	4838401.74	2.40	1	D	A	59.1	11.5	0.0	0.0	0.0	66.2	3.8	0.5	0.0	0.0	0.0	0.0	26.0	-25.9
1020	17590554.71	4838401.74	2.40	1	N	A	-43.9	11.5	0.0	0.0	0.0	66.2	3.8	0.5	0.0	0.0	0.0	0.0	26.0	-128.9
1020	17590554.71	4838401.74	2.40	1	E	A	-43.9	11.5	0.0	0.0	0.0	66.2	3.8	0.5	0.0	0.0	0.0	0.0	26.0	-128.9
1030	17590566.16	4838395.12	2.40	0	D	A	59.1	11.1	0.0	0.0	0.0	64.6	3.4	0.6	0.0	0.0	0.0	0.0	0.0	1.7
1030	17590566.16	4838395.12	2.40	0	N	A	-43.9	11.1	0.0	0.0	0.0	64.6	3.4	0.6	0.0	0.0	0.0	0.0	0.0	-101.3
1030	17590566.16	4838395.12	2.40	0	E	A	-43.9	11.1	0.0	0.0	0.0	64.6	3.4	0.6	0.0	0.0	0.0	0.0	0.0	-101.3
1031	17590566.16	4838395.12	2.40	1	D	A	59.1	11.1	0.0	0.0	0.0	66.0	3.8	0.5	0.0	0.0	0.0	0.0	8.1	-8.1
1031	17590566.16	4838395.12	2.40	1	N	A	-43.9	11.1	0.0	0.0	0.0	66.0	3.8	0.5	0.0	0.0	0.0	0.0	8.1	-111.1
1031	17590566.16	4838395.12	2.40	1	E	A	-43.9	11.1	0.0	0.0	0.0	66.0	3.8	0.5	0.0	0.0	0.0	0.0	8.1	-111.1
1032	17590534.16	4838417.55	2.40	0	D	A	59.1	10.7	0.0	0.0	0.0	64.2	3.3	0.5	0.0	0.0	0.0	0.0	0.0	1.8
1032	17590534.16	4838417.55	2.40	0	N	A	-43.9	10.7	0.0	0.0	0.0	64.2	3.3	0.5	0.0	0.0	0.0	0.0	0.0	-101.3
1032	17590534.16	4838417.55	2.40	0	E	A	-43.9	10.7	0.0	0.0	0.0	64.2	3.3	0.5	0.0	0.0	0.0	0.0	0.0	-101.3

Line Source, ISO 9613, Name: "GB Stone - 2 Dump Trks", ID: "GB_AggTrk"																				
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)
944	17590919.91	4838316.13	2.40	0	D	A	59.1	21.3	0.0	0.0	0.0	67.4	4.2	-0.1	0.0	0.0	0.0	0.0	0.0	8.9
944	17590919.91	4838316.13	2.40	0	N	A	-43.9	21.3	0.0	0.0	0.0	67.4	4.2	-0.1	0.0	0.0	0.0	0.0	0.0	-94.1
944	17590919.91	4838316.13	2.40	0	E	A	-43.9	21.3	0.0	0.0	0.0	67.4	4.2	-0.1	0.0	0.0	0.0	0.0	0.0	-94.1
950	17590922.04	4838218.85	2.40	0	D	A	59.1	21.3	0.0	0.0	0.0	68.4	4.5	-0.1	0.0	0.0	0.0	0.0	0.0	7.6
950	17590922.04	4838218.85	2.40	0	N	A	-43.9	21.3	0.0	0.0	0.0	68.4	4.5	-0.1	0.0	0.0	0.0	0.0	0.0	-95.4
950	17590922.04	4838218.85	2.40	0	E	A	-43.9	21.3	0.0	0.0	0.0	68.4	4.5	-0.1	0.0	0.0	0.0	0.0	0.0	-95.4
952	17590962.82	4838178.35	2.40	1	D	A	59.1	13.0	0.0	0.0	0.0	69.4	4.8	-0.3	0.0	0.0	5.1	0.0	34.2	-41.1
952	17590962.82	4838178.35	2.40	1	N	A	-43.9	13.0	0.0	0.0	0.0	69.4	4.8	-0.3	0.0	0.0	5.1	0.0	34.2	-144.1
952	17590962.82	4838178.35	2.40	1	E	A	-43.9	13.0	0.0	0.0	0.0	69.4	4.8	-0.3	0.0	0.0	5.1	0.0	34.2	-144.1
954	17590930.13	4838210.82	2.40	1	D	A	59.1	14.2	0.0	0.0	0.0	68.9	4.6	-1.0	0.0	0.0	0.0	0.0	9.6	-8.9
954	17590930.13	4838210.82	2.40	1	N	A	-43.9	14.2	0.0	0.0	0.0	68.9	4.6	-1.0	0.0	0.0	0.0	0.0	9.6	-111.9
954	17590930.13	4838210.82	2.40	1	E	A	-43.9	14.2	0.0	0.0	0.0	68.9	4.6	-1.0	0.0	0.0	0.0	0.0	9.6	-111.9
960	17590924.49	4838217.78	2.40	0	D	A	59.1	21.1	0.0	0.0	0.0	68.5	4.5	-0.1	0.0	0.0	0.0	0.0	0.0	7.3
960	17590924.49	4838217.78	2.40	0	N	A	-43.9	21.1	0.0	0.0	0.0	68.5	4.5	-0.1	0.0	0.0	0.0	0.0	0.0	-95.7
960	17590924.49	4838217.78	2.40	0	E	A	-43.9	21.1	0.0	0.0	0.0	68.5	4.5	-0.1	0.0	0.0	0.0	0.0	0.0	-95.7
961	17590964.25	4838178.40	2.40	1	D	A	59.1	12.5	0.0	0.0	0.0	69.4	4.8	-0.3	0.0	0.0	5.1	0.0	34.3	-41.7
961	17590964.25	4838178.40	2.40	1	N	A	-43.9	12.5	0.0	0.0	0.0	69.4	4.8	-0.3	0.0	0.0	5.1	0.0	34.3	-144.8
961	17590964.25	4838178.40	2.40	1	E	A	-43.9	12.5	0.0	0.0	0.0	69.4	4.8	-0.3	0.0	0.0	5.1	0.0	34.3	-144.8
962	17590932.37	4838209.99	2.40	1	D	A	59.1	14.2	0.0	0.0	0.0	68.9	4.6	-1.0	0.0	0.0	0.0	0.0	9.6	-8.9
962	17590932.37	4838209.99	2.40	1	N	A	-43.9	14.2	0.0	0.0	0.0	68.9	4.6	-1.0	0.0	0.0	0.0	0.0	9.6	-111.9
962	17590932.37	4838209.99	2.40	1	E	A	-43.9	14.2	0.0	0.0	0.0	68.9	4.6	-1.0	0.0	0.0	0.0	0.0	9.6	-111.9
981	17590953.32	4838323.12	2.40	0	D	A	59.1	18.6	0.0	0.0	0.0	67.5	4.2	-0.6	0.0	0.0	0.0	0.0	0.0	6.5
981	17590953.32	4838323.12	2.40	0	N	A	-43.9	18.6	0.0	0.0	0.0	67.5	4.2	-0.6	0.0	0.0	0.0	0.0	0.0	-96.5
981	17590953.32	4838323.12	2.40	0	E	A	-43.9	18.6	0.0	0.0	0.0	67.5	4.2	-0.6	0.0	0.0	0.0	0.0	0.0	-96.5
986	17590899.19	4838284.41	2.40	0	D	A	59.1	17.7	0.0	0.0	0.0	67.6	4.2	-1.6	0.0	0.0	0.0	0.0	0.0	6.6
986	17590899.19	4838284.41	2.40	0	N	A	-43.9	17.7	0.0	0.0	0.0	67.6	4.2	-1.6	0.0	0.0	0.0	0.0	0.0	-96.4
986	17590899.19	4838284.41	2.40	0	E	A	-43.9	17.7	0.0	0.0	0.0	67.6	4.2	-1.6	0.0	0.0	0.0	0.0	0.0	-96.4
987	17590985.85	4838348.25	2.40	0	D	A	59.1	17.3	0.0	0.0	0.0	67.5	4.2	-0.7	0.0	0.0	0.0	0.0	0.0	5.3
987	17590985.85	4838348.25	2.40	0	N	A	-43.9	17.3	0.0	0.0	0.0	67.5	4.2	-0.7	0.0	0.0	0.0	0.0	0.0	-97.7
987	17590985.85	4838348.25	2.40	0	E	A	-43.9	17.3	0.0	0.0	0.0	67.5	4.2	-0.7	0.0	0.0	0.0	0.0	0.0	-97.7
1016	17590990.99	4838337.64	2.40	0	D	A	59.1	14.8	0.0	0.0	0.0	67.7	4.3	-1.0	0.0	0.0	0.0	0.0	0.0	3.0

Line Source, ISO 9613, Name: "GB Stone - 2 Dump Trks", ID: "GB_AggTrk"																				
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)
1016	17590990.99	4838337.64	2.40	0	N	A	-43.9	14.8	0.0	0.0	0.0	67.7	4.3	-1.0	0.0	0.0	0.0	0.0	0.0	-100.0
1016	17590990.99	4838337.64	2.40	0	E	A	-43.9	14.8	0.0	0.0	0.0	67.7	4.3	-1.0	0.0	0.0	0.0	0.0	0.0	-100.0
1039	17590923.32	4838301.83	2.40	0	D	A	59.1	10.0	0.0	0.0	0.0	67.6	4.2	-0.3	0.0	0.0	0.0	0.0	0.0	-2.4
1039	17590923.32	4838301.83	2.40	0	N	A	-43.9	10.0	0.0	0.0	0.0	67.6	4.2	-0.3	0.0	0.0	0.0	0.0	0.0	-105.4
1039	17590923.32	4838301.83	2.40	0	E	A	-43.9	10.0	0.0	0.0	0.0	67.6	4.2	-0.3	0.0	0.0	0.0	0.0	0.0	-105.4
1040	17591004.07	4838328.96	2.40	0	D	A	59.1	7.2	0.0	0.0	0.0	67.9	4.3	-1.5	0.0	0.0	0.0	0.0	0.0	-4.4
1040	17591004.07	4838328.96	2.40	0	N	A	-43.9	7.2	0.0	0.0	0.0	67.9	4.3	-1.5	0.0	0.0	0.0	0.0	0.0	-107.4
1040	17591004.07	4838328.96	2.40	0	E	A	-43.9	7.2	0.0	0.0	0.0	67.9	4.3	-1.5	0.0	0.0	0.0	0.0	0.0	-107.4



VALCOUSTICS
Canada Ltd.
consulting acoustical engineers

Title
Sample Sound Level Calculation Location

Date
June 27, 2024

Figure
D-1

Project Name
Alloa Secondary Plan, Caledon

Project No.
124-0062

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Date Plotted: 02.07.24