Infrastructure Ontario

NOISE & VIBRATION IMPACT STUDY

Proposed Mixed-Use Development

4105 Kingston Road, City of Toronto

October 2025

25200

LEA Consulting Ltd.
625 Cochrane Drive, 5th Floor
Markham, ON, L3R 9R9 Canada
T | 905 470 0015 F | 905 470 0030
WWW.LEA.CA

October 30, 2025

Reference Number: 25200 – Guildwood GO (Noise & Vibration)

Fotten Planning
174 Spadina Avenue, Suite 304
Toronto, ON M5T 2C2
Attn: Jennifer Maestre, MCIP RPP

RE: Noise and Vibration Impact Study
Proposed Mixed-Use Development
Guildwood GO Station, City of Toronto

Dear Ms. Maestre:

LEA Consulting Ltd. is pleased to present the findings of this Noise and Vibration Impact Study (NVIS) for the proposed Mixed-Use development located at the municipal address 4105 Kingston Road, Toronto.

The report concludes that provided the noise mitigation measures recommended herein are implemented, the issue of excess noise due to commuter and freight trains will not constrain the subject site from a noise standpoint. There are no mitigation measures required from a vibration standpoint.

Should you have any questions regarding this NVIS, please do not hesitate to contact us.

Yours truly,

LEA CONSULTING LTD.

LICENSED PROFESSIONAL ENGINEER
2025.10.30
D. E. ADARVE-VILLANUEVA
100227784
PROVINCE OF ONTARIO

Daniel Eduardo Adarve Villanueva, P. Eng.
Project Manager
Noise and Vibration Engineer

Encl.

Revision History

Rev. No.	Description	Author	Reviewed By	Date
1	Initial Draft	Ian Dinsmore & Joseph Doran	Felipe Vernaza & Daniel Eduardo Adarve Villanueva	September 25, 2025
2	Final Report	Ian Dinsmore & Joseph Doran	Felipe Vernaza & Daniel Eduardo Adarve Villanueva	October 31, 2025

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TABLE OF CONTENTS

LIST OF TABLES AND FIGURES

APPENDICES

SUMMARY

LEA Consulting Ltd. (LEA) has been retained by Infrastructure Ontario to undertake a Noise and Vibration Impact Study in support of the Zoning By-law Amendment (ZBA) application for the proposed mixed-use development located at the Guildwood GO Station at 4105 Kingston Road in the City of Toronto. This study examined the future noise environment in the development area and evaluated its potential impact on the future noise-sensitive receptors. Transportation noise assessment was accomplished based on the US Federal Transit Administration (FTA) General Method for railway noise sources, and the US Federal Highway Administration Traffic Noise Model 2.5 (TNM 2.5) algorithm for roadway noise sources, along with the Ontario Road Noise Analysis Method for Environment and Transportation (ORNAMENT) using the Cadna/A noise modelling software. Based on the analysis, the noise impact from the environment on the proposed development is not within the applicable MECP limits. Mitigative measures are required to meet the MECP limits.

Transportation Noise Sources– Outdoor Living Area (OLA):

- Parapet walls of 1.1 meters in height are required around the rooftop amenity areas on the podiums. The parapet should be continuous and have a minimum surface density of 20 kg/m^2 with no cracks, gaps or holes.

Transportation Noise Sources – Indoor:

- Exterior wall construction with a minimum of STC 54 is required for living/dining area and bedroom area on all southerly, westerly, northerly, and easterly façades of the proposed development;
- Exterior walls of the first row of dwellings (units located at the westerly, southerly and easterly façades of all buildings) are to be built to a minimum of brick veneer or masonry equivalent construction, from the foundation to the rafters;
- Windows with a minimum of STC 39 are required for living/dining areas and bedroom areas on all façades of the proposed development. The window STC can be lowered if the ratio of window to wall area is reduced. This should be examined further when more detailed drawings are made available;
- All residential units on all westerly, southerly and easterly façades of all buildings of the proposed development must be provided with a mandatory central air conditioning system and should include Warning Clause Type ‘D’ in their Agreements of Purchase/Sale or Lease/Rental agreements and/or Condominium declarations. It is anticipated that the proposed development will provide a central air conditioning system; thus, this condition is expected to be met. All other units should include Warning Clause Type’C’ in their Agreements of Purchase/Sale or Lease/Rental agreements and/or Condominium declarations; and
- Appropriate warning clauses have been recommended and are described in detail in **Section 11**.

Vibration Sources:

- No mitigation measures are required for all buildings within the development.

1 INTRODUCTION

LEA Consulting Ltd. (LEA) has been retained by Infrastructure Ontario to undertake a Noise and Vibration Impact Study in support of the Zoning By-law Amendment (ZBA) application for the proposed mixed-use development located at the Guildwood GO Station at 4105 Kingston Road (herein referred to as the subject site) in the City of Toronto.

The proposed development involves replacing the existing Guildwood GO station main parking lot with a mixed-use community consisting of three (3) buildings with six (6) towers varying from thirty (30) to sixty (60) storeys in height and containing a total of approximately 2,534 residential units and at-grade commercial space.

The subject site is located southeast of Kingston Road and north of the GO rail line (Kingston subdivision). Surrounding land uses include low-rise residential and parkland to the north, low-rise residential and the Scarboro Golf and Country Club beyond to the west, low-rise residential to the east and the Guildwood GO station building and south surface parking lot with low-rise residential beyond to the south.

This study examined the existing and future noise and vibration environment in the development area and evaluated its potential impact on the future noise and vibration-sensitive receptors. This report investigates the noise control measures that are required in order for the development to meet the noise guidelines of the Ontario Ministry of the Environment, Conservation and Parks (MECP) and to satisfy the requirements of the City of Toronto.

Figure 1 provides a key plan showing the location of the proposed development.

This report is based on the site plan prepared by Zeidler Architects, dated October 23, 2025. A copy of the site plan is shown in **Appendix A**.

2 NOISE SOURCES

2.1 TRANSPORTATION NOISE SOURCES

2.1.1 Road Traffic

Vehicular traffic along Kinston Road is the dominant sources of road transportation noise that could impact the subject site.

2.1.2 Rail Sources

According to *"Guidelines for New Development in Proximity to Railway Operations"* developed by the Federation of Canadian Municipalities and the Railway Association of Canada, it is recommended to assess the predicted noise impact on any new proposed development within three hundred (300) metres of the right-of-way of any rail line. The subject site is located thirty (30) meters to the north of the Metrolinx GO rail line. Therefore, the distance to the rail line corridor is less than three hundred (300) metres, and it may have an adverse noise impact on the sensitive areas at the subject site. No other significant sources of rail noise were identified near the proposed development.

2.1.3 Air Traffic

This development is not impacted by aircraft noise sources.

2.2 STATIONARY NOISE SOURCES

As confirmed by the client, the Heating, Ventilation, and Air Conditioning (HVAC) Rooftop Units (RTUs) systems related to the proposed development will be contained inside mechanical penthouses. Thus, the subject site does not include stationary noise sources that could impact the nearby noise-sensitive areas, as well as itself.

Due to the subject site fronting both Kingston Road to the west and the GO rail line to the south, elevating the high ambient background noise, stationary noise generated from the existing rooftop HVAC RTUs related to the existing buildings in the surrounding area of the subject site has been considered acoustically insignificant. As such, our study will qualitatively dismiss any stationary noise assessment on this basis for the existing and the proposed development.

3 VIBRATION SOURCES

3.1 TRANSPORTATION VIBRATION SOURCES

3.1.1 Rail Sources

According to *"Guidelines for New Development in Proximity to Railway Operations"*, developed by the Federation of Canadian Municipalities and the Railway Association of Canada, it is recommended to assess the predicted vibration impact on any new proposed development within seventy-five (75) metres of the right-of-way of any rail line. The subject site is located approximately thirty (30) meters to the north of the Metrolinx GO and VIA rail line to the south. Therefore, the distance to the rail line is less than seventy-five (75) metres, and it may have an adverse vibration impact on the sensitive areas at the subject site. Furthermore, no other significant sources of vibration were identified near the proposed development. As such, our study will include a vibration impact assessment on this basis.

4 NOISE CRITERIA

4.1 TRANSPORTATION NOISE

4.1.1 Indoors

The indoor noise level impact due to road traffic was examined as per the noise criteria outlined in the MECP guidelines. The indoor sound level limit due to road traffic for a living or dining room area during the daytime (07:00-23:00) and nighttime (23:00-07:00) hours are a Leq-16 and Leq-8hr of 45 dBA, respectively. The indoor sound level limit due to road traffic for a bedroom during daytime is a Leq-16hr of 45 dBA and during the nighttime hours an Leq-8hr of 40 dBA.

The indoor noise level impact due to rail traffic was examined as per the noise criteria outlined in the MECP guidelines which are more stringent than those for road traffic. The indoor sound level limit due to rail traffic for a living or dining room area during the daytime (07:00-23:00) and nighttime (23:00-07:00) hours are a Leq-

16 and Leq-8hr of 40 dBA, respectively. The indoor sound level limit due to rail traffic for a bedroom during daytime is a Leq-16hr of 40 dBA and during the nighttime hours an Leq-8hr of 35 dBA.

To satisfy the limits set out by the MECP guidelines, the MECP has provided a basis for the type of windows, doors, and exterior walls that will be required based on projected outdoor noise levels.

The required limits as per NPC-300 guidelines are summarised in **Table 1**. Moreover, the ventilation requirements from transportation noise sources as per NPC-300 guidelines are presented in **Table 2**.

Table 1: MECP Sound Level Limits for Indoor Spaces

Type of Space	Time Period	Sound Level Limits	
		Road	Rail
Living/Dining, Den Areas of Residences	07:00 – 23:00	Leq (16 hours): 45 dBA	Leq (16 hours): 40 dBA
	23:00 – 07:00	Leq (8 hours): 45 dBA	Leq (8 hours): 40 dBA
Sleeping quarters	07:00 – 23:00	Leq (16 hours): 45 dBA	Leq (16 hours): 40 dBA
	23:00 – 07:00	Leq (8 hours): 40 dBA	Leq (8 hours): 35 dBA

Table 2: MECP Ventilation Requirements

Plane of Window Sound Level (L_{eq})	Ventilation Requirement	Warning Clause Requirement
Daytime (07:00 to 23:00)		
≤55 dBA	None	None
55 ≤65 dBA	Forced air heating with provisions for the installation of central air conditioning	Recommended
> 65 dBA	Central air conditioning	Required
Nighttime (23:00 to 07:00)		
≤50	None	None
50 ≤60	Forced air heating with provisions for the installation of central air conditioning.	Recommended
> 60	Central air conditioning	Required

4.1.2 Outdoors

Guidelines set out by the MECP's NPC-300 Guidelines recommend that equivalent noise levels (i.e. Leq-16hr) in outdoor living areas should not exceed 55 dBA. If the predicted Leq-16hr is greater than 60 dBA, noise control measures should be implemented to reduce the level to 55 dBA. If it is not technically, economically, or administratively feasible to achieve a level of 55 dBA, noise levels between 55 dBA and 60 dBA may be acceptable, provided that the future occupants of the dwellings are made aware of the potential noise problems through a warning clause. The required limits are summarised in **Table 3**.

Table 3: MECP Sound Level Limits for Outdoor Living Area

Type of Space	Time Period	Sound Level Limits	
		Road	Rail
Outdoor Living Area (OLA)	07:00 – 23:00	Leq (16 hours): 55 dBA (may consider noise control measures) Leq (16 hours): 60 dBA (noise control measures are required)	

5 VIBRATION CRITERIA

The vibration assessment criteria are based on the *"Guidelines for New Development in Proximity to Railway Operations"* prepared by the Federation of Canadian Municipalities and the Railway Association of Canada. The assessment criteria are summarised in **Table 4**.

Table 4: Ground-Borne Vibration Criteria

Vibration Level (Indoor) (RMS Velocity between 4 Hz and 200 Hz)	Requirements
< 0.14 mm/sec	No mitigation is required
> 0.14 mm/sec	Appropriate isolation measures are recommended to be undertaken to ensure living areas do not exceed 0.14 mm/sec RMS on and above the first floor of the dwelling

6 NOISE IMPACT ASSESSMENT

6.1 TRANSPORTATION NOISE ASSESSMENT

As noted in **Section 2.1**, the study area's dominant transportation traffic noise sources are Kingston Road and the GO rail line (Kingston Subdivision). Kingston Road is located to the west of the subject site, with a posted speed limit of 60 km/h. The GO rail line is located to the south of the subject site, with a speed limit of 95 mph (153 km/h).

Noise level calculations were performed using Cadna/A noise propagation software (version 2020) which incorporates the US Federal Transit Administration (FTA) General Method for railway noise sources, and the US Federal Highway Administration Traffic Noise Model 2.5 (TNM 2.5) algorithm for roadway noise sources.

6.1.1 Road Traffic Data

Historical traffic data related to Kingston Road was obtained from the City of Toronto. This data was escalated to the year 2035 with a conservative yearly growth rate of 2 percent.

The medium/heavy truck percentages were calculated using turning movement counts dated November 28, 2024, for the Kingston Road and Celeste Drive/Guildwood GO station intersection during the weekday AM and PM peak periods. All buses were considered to be medium trucks, with the truck percentages calculated from the traffic data. The split of the heavy/medium truck split within the *"trucks"* classification was determined based on the *"Ministry of Transportation Ontario (MTO) Environmental Guide for Noise"*, dated March 2022. The day/night traffic volume splits were assumed based on a 90/10 split for regional roads as per ORNAMENT. Kingston Road was modelled as one (1) segment, for the purpose of transportation analysis given it has a four-lane cross section. Sound level distance adjustments were applied to receptors wherever applicable.

Road traffic noise predictions were based on the road traffic data outlined in **Table 5**. Road traffic data is included in **Appendix B**.

Table 5: Summary of Traffic Data

Traffic Data	Future AADT	Day/Night Ratio	Percentage of Medium Trucks	Percentage of Heavy Trucks	Posted Speed Limit
Kingston Road	33,669	90/10*	0.7%	1.1%	60 km/h

*Assumed

6.1.2 Rail Traffic Data

Three (3) rail operators are currently using the rail corridor, namely, CN Rail, operating as CN Freight and VIA Rail, and GO Transit. GO Transit volumes were obtained directly from Metrolinx correspondence. Rail traffic data for CN Rail was requested from the company, but has yet to be received at the time of writing this report. VIA Rail and CN data have been estimated using available timetables and previous reports in the vicinity of the site. CN Rail data was escalated to the year 2035 with a yearly growth rate of 2.5 percent per annum as per general CN Rail recommendations. **Table 6** summarises the rail traffic data used for the noise assessment. Rail traffic data is included in **Appendix B**.

An assessment of the average speed of the trains utilising the station was also conducted during the site visit. The proportion of trains passing through versus utilising the station was applied to the volumes, with the trains utilising the station travelling at the observed speed of 50 km/h. Departing and pass-by trains were given the throttle setting of 8 in Cadna/A to represent the engine engaging. All other trains were given throttle setting of 0.

Table 6: Rail Data Inputs Summary for Rail Noise Model

Data Inputs	Go Transit Rail Data		VIA Rail	CN Freight
Train Types	Diesel-Electric	Electric	Diesel-Electric	Diesel
Locomotives per Train	1	1	1	4
Cars per Train	12	12	5	25
Average Number of Trains per Day/Night	64/10	230/38	26/0	2/2
Maximum Speed (km/h)	153	153	153	97
Welded/Jointed Track	Welded	Welded	Welded	Welded

6.1.3 Transportation Noise Predictions

Noise impact assessments on the proposed development were performed with consideration of the predicted future volume of roadway and rail traffic. Daytime and nighttime impacts from transportation noise were investigated. Distance adjustment corrections were applied wherever applicable. Worst-case receptor heights were selected in the noise modelling software.

As noted in **Section 1**, the proposed development consists of three (3) buildings with six (6) towers ranging from thirty (30) to sixty (60) storeys in height and with retail units at grade. Shared outdoor amenity areas were assumed to be on top of the podiums, which can be considered an Outdoor Living Area (OLA) that may be negatively impacted by road and rail traffic noise. The at-grade park area to the east of the subject site was not considered an OLA receptor as it is preferred to be an open space (without fences) and other amenity areas are available for quiet enjoyment of the outdoor environment. Therefore, OLA receptors were considered for the centre of each podium on the proposed development.

The locations of the façade and outdoor receptors are shown in **Figure 2**.

Figure 2 shows the unattenuated daytime and nighttime predicted L_{eq} due to road and rail traffic at the noise-sensitive receptors within the proposed development. Façade and outdoor receptors are labelled as

RP01 to RP07 and OLA01 to OLA03, respectively, in **Figure 2**. Detailed sound level calculations are provided in **Appendix C**.

Table 7: Predicted (Unattenuated) Transportation Sound Levels (Plane of Window and OLA)

Receptor	Receptor Height (m)	Description	Overall L_{eq} (dBA) Day	Overall L_{eq} (dBA) Night
RP01	6.3[1]	Southerly Façade Block C podium	68	62
RP02	29.75[2]	Southerly Façade Tower C2	67	62
RP03	6.3[1]	Northwesterly Façade Block C podium	64	58
RP04	29.75[2]	Southerly Façade Tower B1	67	62
RP05	6.3[1]	Southerly Façade Block B podium	64	59
RP06	29.75[2]	Southerly Façade Tower A2	66	61
RP07	6.3[1]	Northerly Façade Block A podium	56	50
RP08	6.3[1]	Westerly Façade Block C podium	66	60
OLA01	24[3]	Outdoor Amenity Area Block C Podium rooftop	51	-
OLA02	24[3]	Outdoor Amenity Area Block B Podium rooftop	51	-
OLA03	24[3]	Outdoor Amenity Area Block A Podium rooftop	53	-

(1) Based on the Level 2 elevation of 4.8 metres plus receptor height of 1.5 metres.
(2) Based on the Level 9 elevation of 28.25 metres plus receptor height of 1.5 metres.
(3) Based on the Level 7 elevation of 22.5 metres plus receptor height of 1.5 metres.

7 VIBRATION IMPACT ASSESSMENT

7.1 VIBRATION MEASUREMENT PROCEDURE

The vibration measurement procedures were based on the methodology outlined in the "*Guidelines for New Development in Proximity to Railway Operations*" prepared by The Federation of Canadian Municipalities and The Railway Association of Canada, dated May 2013. The following instrumentation was used to measure the streetcar-related vibrations near the subject site.

- Data Recorder and Analyser – RION Signal Analyzer & Data Recorder; and
- Transducer – PCB piezotronics accelerometer Model 393A03, with a nominal sensitivity of 1,000 mV/g and a frequency range from 0.5 to 2,000 Hz.

Vibration measurements were performed at the subject site to determine the existing vibration velocities on August 12, 2025. Measurements were conducted at the ground level near the southerly property line as per the proposed site plan for development. Accelerometers were rigidly mounted on the ground surface. The accelerometer was then connected to a RION Signal Analyzer/Data Recorder to record the vibration levels during train passbys. **Figure 3** illustrates the aerial view of the subject site and the approximate location of the accelerometers. Location 1 represents the southwest corner of the podium of Building C, approximately 35 m from the centreline of the nearest track. Location 2 is slightly further from the track approximately 47 m from the centreline of the track to represent Tower C2.

7.2 VIBRATION MEASUREMENT DATA

Measurements were conducted for ten (10) eastbound and westbound train passbys in each direction during the measurement period. Seventeen (17) GO Trains and three (3) VIA Rail trains were observed. The one (1) second averaged Root Mean Square (RMS) velocity graph for the measurement is shown in **Figure 4**. The three (3) highest measured RMS vibration velocities were 0.080mm/s, 0.056 mm/s and 0.055 mm/s.

7.3 VIBRATION MEASUREMENT RESULTS

The maximum RMS velocity averaged for one (1) second period was determined using frequency analysis. The signal was sampled with a sampling frequency of 1 kHz and then filtered from 1 to 350 Hz. The maximum measured vibration velocity is tabuliated in **Table 8**. It shows that the maximum measured vibration velocity (RMS) is lower than the vibration limit of 0.14 mm/s (RMS).

Table 8: Measured Maximum Vibration Velocity

Measurement Location	Maximum Vibration RMS Velocity (Outdoor)	Vibration Velocity Limit (Indoor)
1	0.080 mm/s	0.14 mm/s, RMS
2	0.056 mm/s	

8 NOISE ABATEMENT REQUIREMENTS

8.1 INDOOR LIVING AREAS AND AC/VENTILATION REQUIREMENTS

Indoor sound levels have been examined with respect to MECP Guidelines, as summarised in **Section 6.1.3** of this report. The recommendations discussed below should be verified upon the final detailed review of the architectural design of the proposed development.

8.1.1 Building Façade Constructions

The required Sound Transmission Class (STC) for upgraded building components was calculated based on the indoor sound level limits shown in **Table 1** and the predicted outdoor façade sound levels shown in **Table 7**. Window-to-floor and wall-to-floor area ratios were assumed to determine the building component requirements for the proposed development dwellings. Outdoor façade receptors with the worst-case (highest) sound levels, i.e. a corner bedroom exposed to the highest sound levels predicted, were selected to determine the developments in building façade construction. Wall construction was assumed to have an STC value of 54; typical concrete wall construction and window STC requirements were ascertained using the method outlined in the "*National Research Council of Canada Building Practice Note 56*" (BPN 56). STC assessments on the proposed development were performed with consideration of the predicted worst-case (highest) noise impact receptor during the daytime and nighttime hours. The STC requirements for the worst-case receptor walls and windows are summarised in **Table 9** below. Details related to the STC calculations and values are attached in **Appendix D**.

Table 9: Recommended Noise Control Measures for Indoor Spaces – Initial Estimation

Receptor	Description	Window STC[1]	Exterior Wall STC[1]
RP01	Northwest Corner of Block C podium	39	54[2]

(1) Based on a window-to-floor ratio of 50 per cent and a wall-to-floor ratio of 100 per cent.
(2) NPC-300 requires brick veneer or masonry equivalent construction for the exterior walls of the first row of dwellings next to railway tracks. The STC rating has been recommended to satisfy this requirement.
'--' Exterior window and wall components meeting the minimum requirements of the Ontario Building Code (OBC) will provide adequate acoustical protection for the future indoor daytime and nighttime living spaces

The exterior wall STC values show that the following are required to mitigate road and rail traffic sound levels to the MECP and City of Toronto indoor sound level criteria:

- Exterior wall construction with a minimum of STC 54 is required for living/dining area and bedroom area on all southerly, westerly, northerly, and easterly façades of the proposed development;
- Exterior walls of the first row of dwellings (units located at the westerly, southerly and easterly façades of all 3 bulidings) are to be built to a minimum of brick veneer or masonry equivalent construction, from the foundation to the rafters;
- Windows with a minimum of STC 39 are required for living/dining areas and bedroom areas on all façades of the proposed development. The window STC can be lowered if the ratio of window to wall area is reduced. This should be examined further when more detailed drawings are made available; and
- Further, all units within the proposed development will require CN's and Metrolinx standard warning clause to be inserted into any Agreement of Purchase/Sale or Lease, as outlined in **Section 11** of this report.

8.1.2 Ventilation Requirements

Based on the unattenuated noise levels shown in **Table 7** and the ventilation requirements in **Table 2**, the following façades require warning clauses for future purchasers or renters in their Agreements of Purchase/Sale or Lease, as outlined in **Section 11** of this report.

- All residential units on all westerly, southerly and easterly façades of the proposed development must be provided with a mandatory central air conditioning system and should include Warning Clause Type 'D' in their Agreements of Purchase/Sale or Lease/Rental agreements and/or Condominium declarations. It is anticipated that the proposed development will provide a central air conditioning system; thus, this condition is expected to be met.

8.2 OUTDOOR LIVING AREAS AND NOISE BARRIERS

As indicated in **Section 6.1.3** of this report, the outdoor amenity areas on the podium rooftops were considered as OLAs and required a noise assessment.

The transportation noise level predictions in **Table 7** indicate that the future impact at the outdoor point of reception, directly exposed to the road and rail traffic, is below the applicable limit of 55 dBA with minimum parapet walls of 1.1 m in height and will not require further mitigation. The parapet should be continuous and have a minimum surface density of 20 kg/m^2 with no cracks, gaps or holes

9 VIBRATION ABATEMENT REQUIREMENTS

Vibration measurements were performed on the ground floor close to the southerly property line. The measured RMS vibration velocity at the ground floor was identified to be below the vibration limit. No vibration mitigation measure in the proposed building is required.

10 CONCLUSIONS & RECOMMENDATIONS

According to the NPC-300 noise guidelines, the implementation of all required noise control measures should be verified by a qualified Acoustical Consultant. All relevant builder's plans should be certified by an Acoustic Consultant as being in conformance with the recommendations of the approved Noise and Vibration Impact Study. Further, prior to the final inspection and release for occupancy, the recommended noise control measures within the subject site should be inspected by an Acoustic Consultant. The intent is to ensure that the recommendations and builder's plans are compliant with the approved Noise and Vibration Impact Study.

Based on the analysis, the impact of the environment on the proposed development is not within the applicable MECP limits. The following mitigative measures are required to meet the MECP limits:

- Exterior wall construction with a minimum of STC 54 is required for living/dining area and bedroom area on all southerly, westerly, northerly, and easterly façades of the proposed development;
- Exterior walls of the first row of dwellings (units located at the westerly, southerly and easterly façades of all buildings) are to be built to a minimum of brick veneer or masonry equivalent construction, from the foundation to the rafters;
- Windows with a minimum of STC 39 are required for living/dining areas and bedroom areas on all façades of the proposed development. The window STC can be lowered if the ratio of window to wall area is reduced. This should be examined further when more detailed drawings are made available;
- All residential units on all westerly, southerly and easterly façades of all buildings of the proposed development must be provided with a mandatory central air conditioning system and should include Warning Clause Type 'D' in their Agreements of Purchase/Sale or Lease/Rental agreements and/or Condominium declarations. It is anticipated that the proposed development will provide a central air conditioning system; thus, this condition is expected to be met. All other units should include Warning Clause Type'C' in their Agreements of Purchase/Sale or Lease/Rental agreements and/or Condominium declarations. ;
- Appropriate warning clauses have been recommended and are described in detail in **Section 11**.

Should any of the plans or information used in the completion of this report change, a detailed review should be completed by an acoustical consultant to ensure the sound level limits are met.

11 WARNING CLAUSES

The following warning clause should be included in all offers of purchase and sale relating to:

- All residential units on the westerly, southerly and easterly facades of all buildings;

Warning Clause Type D:
"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 City of Toronto and the Ministry of the Environment, Conservation and Parks."

- All remaining residential units of all buildings of the proposed development;

Warning Clause Type 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 levels limits of the City of Toronto and the Ministry of the Environment, Conservation and Parks."

The following warning clause should be included in all offers of purchase and sale relating to:

- The residential units on all westerly, easterly, southerly and northerly façades of the proposed development;

CN Rail Warning Clause:

"Canadian National Railway Company or its assigns or successors in interest has or have a right-of-way within 300 metres from the land the subject thereof. There may be alterations to or expansions of the rail facilities on such right-of-way in the future including the possibility that the railway or its assigns or successors as aforesaid may expand its operations, which expansion may affect the living environment of the residents in the vicinity, notwithstanding the inclusion of any noise and vibration attenuating measures in the design of the development and individual dwelling(s). CNR will not be responsible for any complaints or claims arising from use of such facilities and/or operations on, over or under the aforesaid right-of-way."

The following warning clause should be included in all offers of purchase and sale relating to:

- The residential units on all westerly, easterly, southerly and northerly façades of the proposed development;

Metrolinx Warning Clause:

"Metrolinx, carrying on business as GO Transit, and its assigns andsuccessors in interest has or have a right-of-way within 300 metres from the land thesubject hereof. There may be alterations to or expansions of the rail facilities on suchright-of-way in the future including the possibility that GO Transit or any railwayentering into an agreement with GO Transit to use the right-of-way or their assigns orsuccessors as aforesaid may expand their operations, which expansion may affect theliving environment of the residents in the vicinity, notwithstanding the inclusion of anynoise and vibration attenuating measures in the design of the development andindividual dwelling(s). Metrolinx will not be responsible for any complaints or claimsarising from use of such facilities and/or operations on, over or under the aforesaidright-of-way."

12 REFERENCES

1. ORNAMENT – *"Ontario Road Noise Analysis Method for Environmental and Transportation"*, Ontario Ministry of the Environment, October 1989.
2. STEAM – *"Sound from Trains Environmental Analysis Method"*, Ontario Ministry of the Environment, July 1990.
3. *"Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300"*, Ontario Ministry of the Environment, Aug 2013.
4. RC-0401-01 – *"Adjacent Development Guidelines"*, Metrolinx, January 2013.
5. *"Principal Main Line Requirements"*, CN Railway Properties.
6. *"Noise & Vibration Impact S Livingston Road North, Scarborough, ON"*, RWDI, March 2025
7. *"Transit Noise and Vibration Impact Assessment Manual",* US Federal Transit Administration, February 2020
8. *"FHWA Traffic Noise Model User's Guide",* US Federal Highway Administration, April 2004
9. *"Guidelines for New Development in Proximity to Railway Operations",* Federation of Canadian Municipalities & Railway Association of Canada, May 2013

LEA Consulting Ltd.

Project ID: 25200

Scale: NTS
Drawn by: ID
Reviewed by: JD/DEA
Date: October 2, 2025
Revision: 1

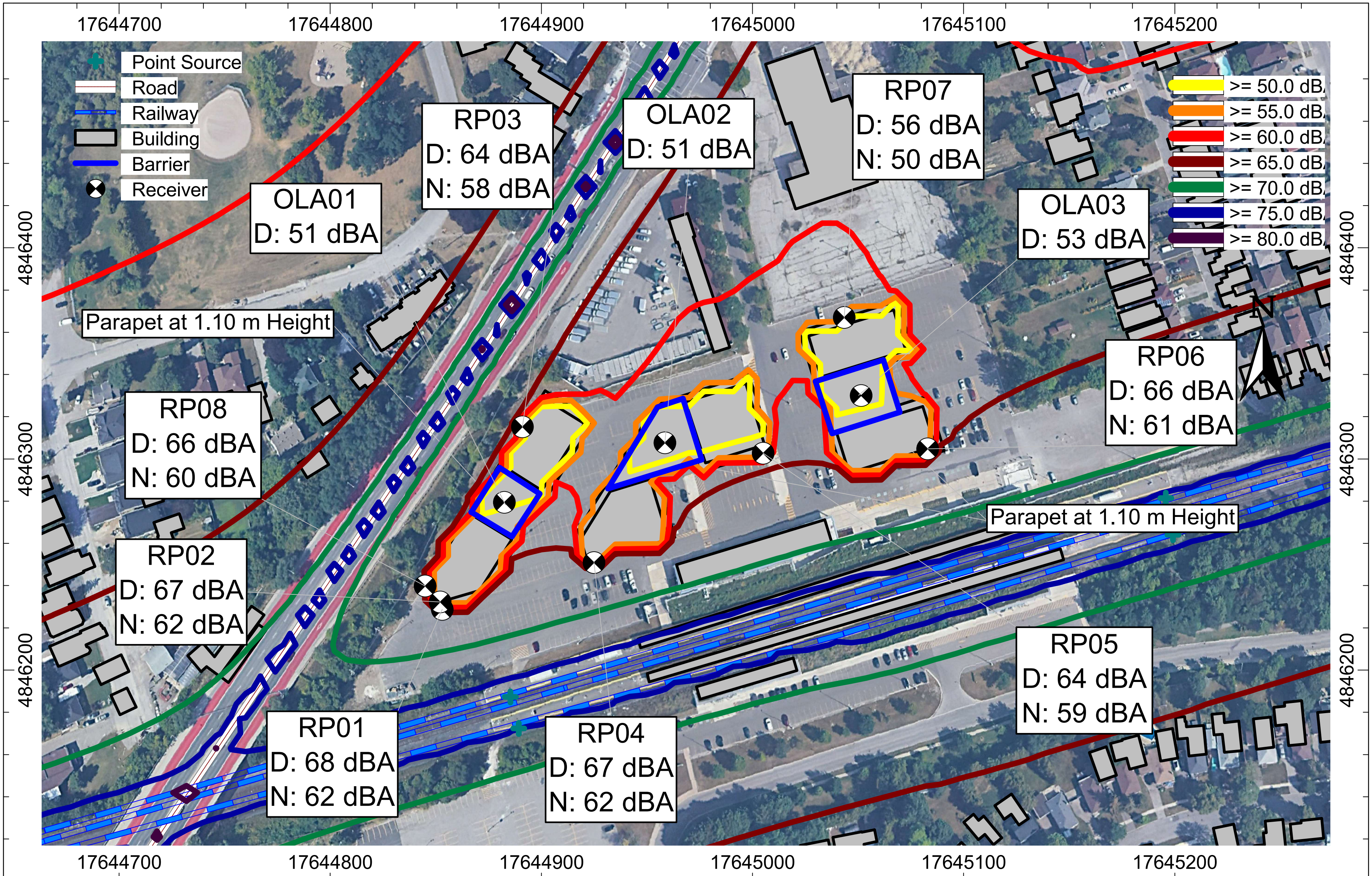
Project Name

Guildwood GO Station - Noise and Vibration Assessment

Figure Title

Key Plan Showing Site Location and Area

Figure 1



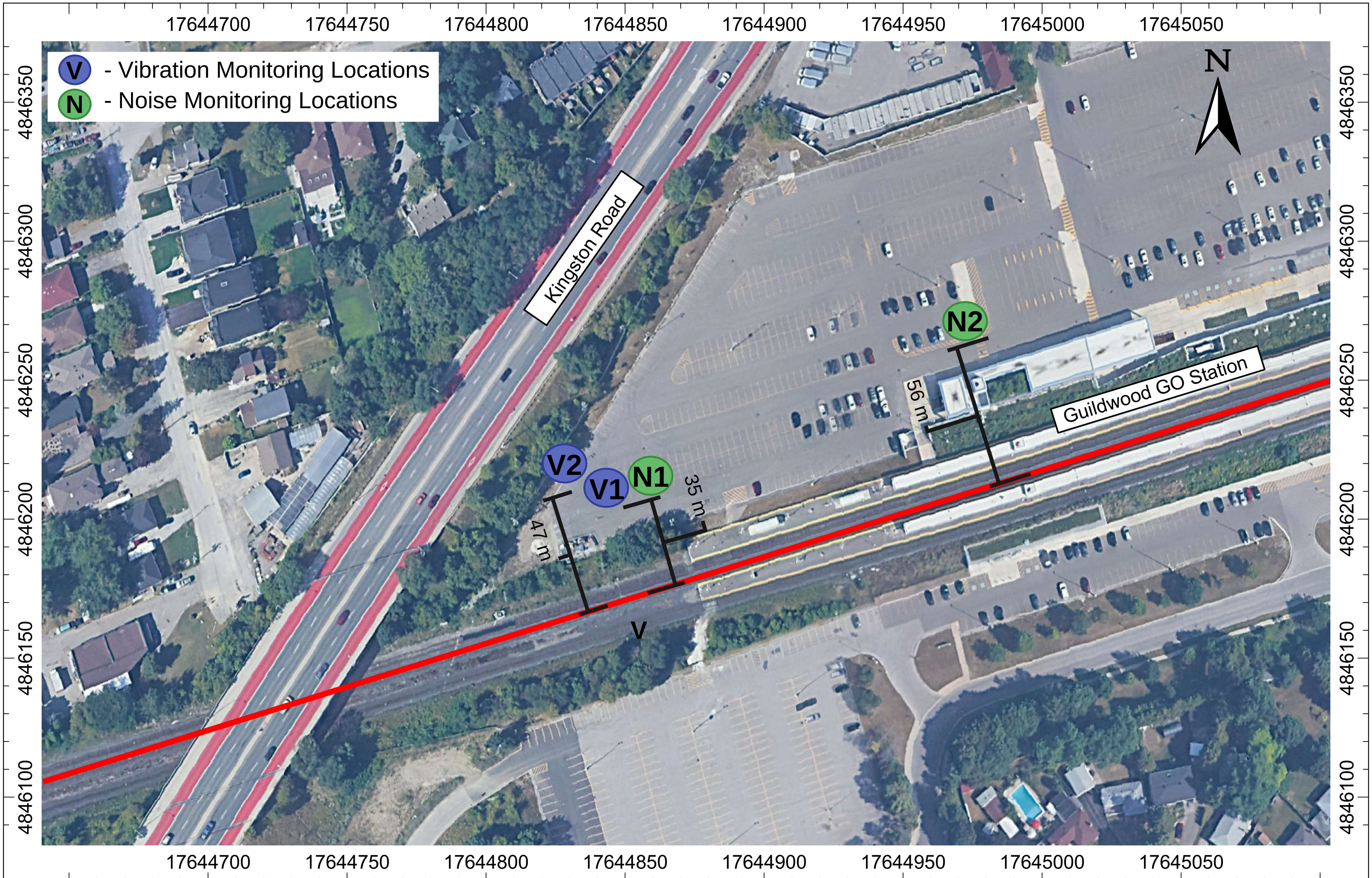
LEA Consulting Ltd.

Project ID: 25200	Project Name
Scale: NTS Drawn by: ID Reviewed by: JD/DEA Date: October 2, 2025 Revision: 1	Guildwood GO Station - Noise and Vibration Assessment

Figure Title

Transportation Noise Contours at 6.3 metres
Daytime (7:00 – 23:00) - Unmitigated

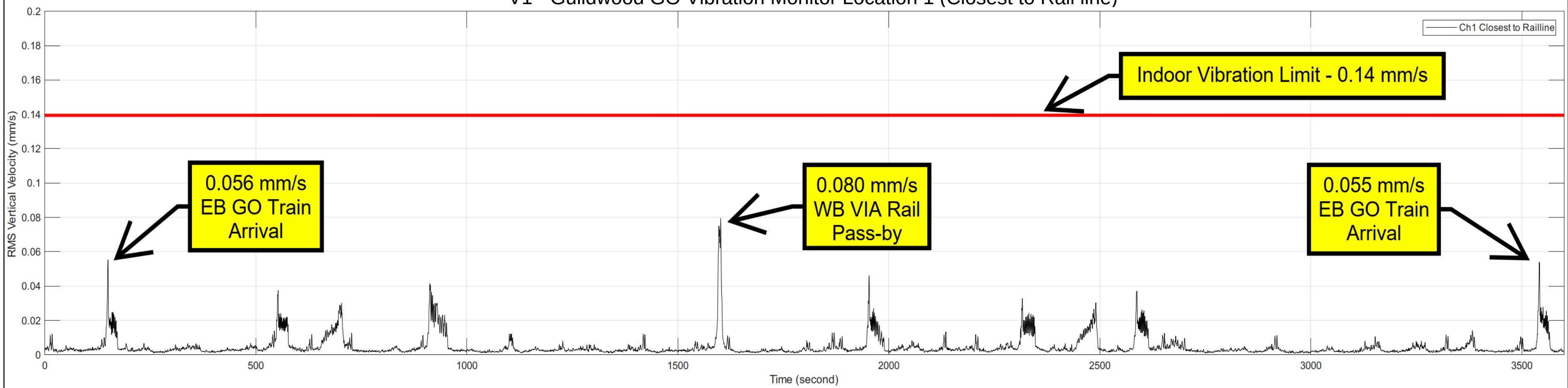
Figure 2



LEA Consulting Ltd.

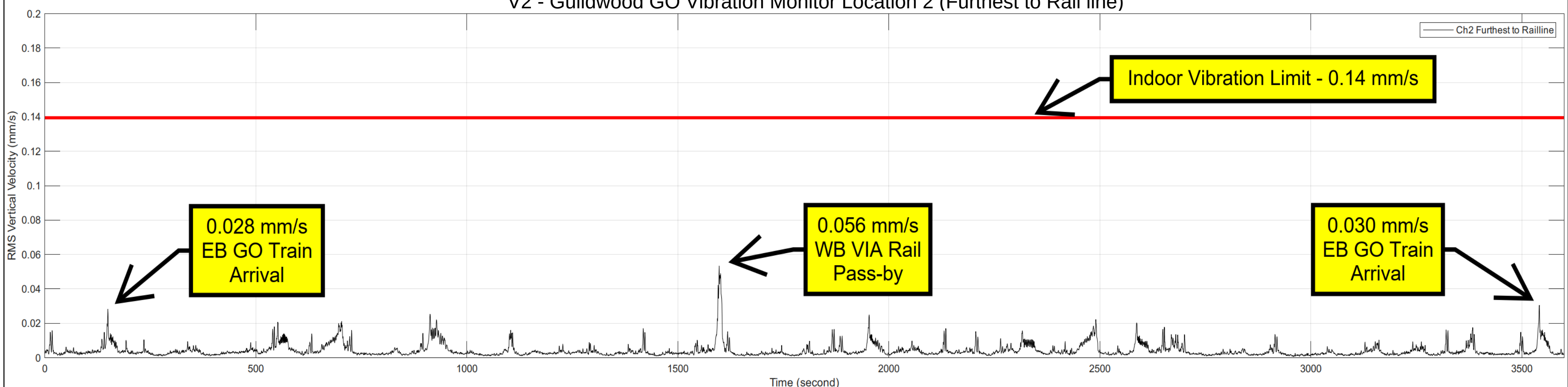
Project ID: 25200	Project Name	
Scale: NTS Drawn by: ID Reviewed by: JD/DEA Date: October 2, 2025 Revision: 1	Guildwood GO Station - Noise and Vibration Assessment	
	Figure Title Noise and Vibration Monitoring Locations	**Figure 3**

V1 - Guildwood GO Vibration Monitor Location 1 (Closest to Rail line)



Tuesday, August 12, 2025 - 8:30 a.m.-9:30 a.m.

V2 - Guildwood GO Vibration Monitor Location 2 (Furthest to Rail line)



Tuesday, August 12, 2025 - 8:30 a.m.-9:30 a.m.

LEA Consulting Ltd.

Project ID: 25200

Scale: NTS
Drawn by: ID
Reviewed by: JD/DEA
Date: September 23, 2025
Revision: 1

Project Name

Guildwood GO Station - Noise and Vibration Assessment

Figure Title

RMS Velocity Measurement at Subject Site - Two Channels at Development Setback

Figure 4

APPENDIX A

COPY OF THE SITE PLAN

zeidler

Zeidler Architecture

600 – 158 Sterling Road
Toronto, Ontario M6R 2B7
T 416 596 8300 | zeidler.com

CLIENT

Infrastructure Ontario

1 DUNDAS STREET WEST, SUITE 2000
TORONTO, ON. M5G 1Z3

KEY PLAN

NO.	ISSUE/ REVISION	DATE

PROJECT

GUILDWOOD GO STATION

PROJECT ADDRESS

TITLE

SITE PLAN

PROJECT NO.	SCALE	DRAWN	CHECKED
24-01-048	As Indicated	BP	DC

DRAWING NO.

A-101

REVISION NO.

##

APPENDIX B

TRAFFIC DATA

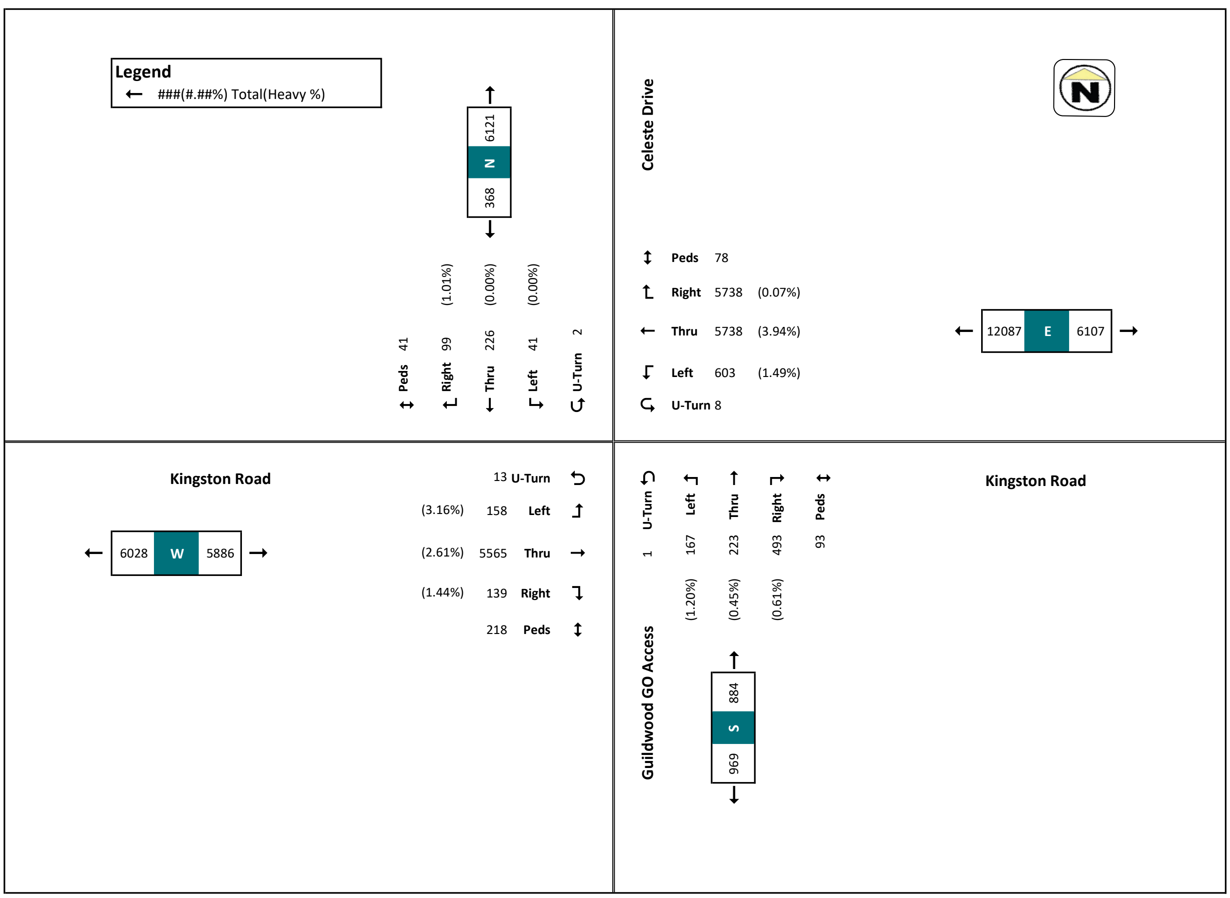
LEA Consulting Ltd.

625 Cochrane Drive, 5th Floor
Markham, ON L3R 9R9

Intersection : Guildwood GO Access & Kingston Road
Survey Date : November 28, 2024
Project No. : 25225
Count ID : 24422

Turning Movement Count - Guildwood GO Access & Kingston Road

	Celeste Drive Southbound						Kingston Road Westbound						Guildwood GO Access Northbound						Kingston Road Eastbound						
Start Time	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Grand Total
7:00	0	1	12	7	0	20	0	52	280	0	4	332	0	3	5	15	2	23	1	4	131	7	5	143	518
7:15	0	3	12	4	4	19	1	44	318	2	2	365	0	2	6	9	2	17	1	4	140	23	16	168	569
7:30	0	1	27	4	2	32	0	56	359	1	3	416	0	7	4	25	3	36	5	7	152	5	14	169	653
7:45	0	3	21	8	5	32	0	60	392	3	0	455	0	6	4	12	5	22	2	4	190	7	24	203	712
Hourly Total	0	8	72	23	11	103	1	212	1349	6	9	1568	0	18	19	61	12	98	9	19	613	42	59	683	2452
8:00	0	1	26	8	4	35	0	58	357	3	1	418	0	11	9	22	10	42	2	5	192	4	10	203	698
8:15	0	2	22	4	6	28	0	59	352	3	0	414	0	6	4	16	6	26	1	7	225	6	19	239	707
8:30	1	1	11	10	3	23	0	57	335	3	9	395	1	8	13	18	8	40	0	1	240	4	9	245	703
8:45	1	2	4	4	0	11	0	24	333	3	0	360	0	3	3	5	1	11	0	3	213	1	9	217	599
Hourly Total	2	6	63	26	13	97	0	198	1377	12	10	1587	1	28	29	61	25	119	3	16	870	15	47	904	2707
9:00	0	2	15	6	2	23	0	49	266	4	6	319	0	7	9	15	4	31	1	5	190	7	3	203	576
9:15	0	1	1	4	2	6	2	12	254	1	1	269	0	3	2	4	5	9	0	4	194	3	6	201	485
Hourly Total	0	3	16	10	4	29	2	61	520	6	9	589	0	10	11	19	9	40	1	9	384	10	9	404	1062
* Break *																									
16:00	0	1	7	6	0	14	0	16	234	1	6	251	0	3	3	6	5	12	0	4	363	8	6	375	652
16:15	0	2	8	4	0	14	0	6	284	6	4	296	0	7	21	34	3	62	1	7	344	6	7	358	730
16:30	0	4	12	3	2	19	0	9	253	3	6	265	0	13	18	36	4	67	0	16	374	6	9	396	747
16:45	0	2	10	6	0	18	3	13	238	7	3	261	0	16	18	30	7	64	1	6	359	4	4	370	713
Hourly Total	0	9	37	19	2	65	3	44	1009	17	19	1073	0	39	60	106	19	205	2	33	1440	24	26	1499	2842
17:00	0	6	8	6	1	20	0	16	261	6	8	283	0	8	18	49	7	75	1	6	327	3	9	337	715
17:15	0	3	7	5	1	15	0	18	264	2	5	284	0	13	20	21	5	54	2	7	381	10	12	400	753
17:30	0	0	4	6	9	10	1	12	236	3	3	252	0	18	20	44	5	82	1	2	416	23	20	442	786
17:45	0	3	12	2	0	17	1	12	248	3	6	264	0	11	19	55	4	85	1	12	422	3	23	438	804
Hourly Total	0	12	31	19	11	62	2	58	1009	14	22	1083	0	50	77	169	21	296	5	27	1546	39	64	1617	3058
18:00	0	2	4	1	0	7	0	16	230	8	8	254	0	10	16	41	5	67	0	4	324	7	8	335	663
18:15	0	1	3	1	0	5	0	14	244	4	1	262	0	12	11	36	2	59	4	6	388	2	5	400	726
Hourly Total	0	3	7	2	0	12	0	30	474	12	9	516	0	22	27	77	7	126	4	10	712	9	13	735	1389
Grand Total	2	41	226	99	41	368	8	603	5738	67	78	6416	1	167	223	493	93	884	24	114	5565	139	218	5842	13510
Approach %	0.5%	11.1%	61.4%	26.9%	-	-	0.1%	9.4%	89.4%	1.0%	-	-	0.1%	18.9%	25.2%	55.8%	-	-	0.4%	2.0%	95.3%	2.4%	-	-	-
Total %	0.0%	0.3%	1.7%	0.7%	-	2.7%	0.1%	4.5%	42.5%	0.5%	-	47.5%	0.0%	1.2%	1.7%	3.6%	-	6.5%	0.2%	0.8%	41.2%	1.0%	-	43.2%	-
Lights	2	41	226	98	-	367	8	594	5512	63	-	6177	1	165	222	490	-	878	24	109	5420	137	-	5690	13112
% Lights	100.0%	100.0%	100.0%	99.0%	-	99.7%	100.0%	98.5%	96.1%	94.0%	-	96.3%	100.0%	98.8%	99.6%	99.4%	-	99.3%	100.0%	95.6%	97.4%	98.6%	-	97.4%	97.1%
Buses	-	0	0	1	-	1	-	0	133	1	-	134	-	0	0	0	-	0	-	4	119	2	-	125	260
% Buses	-	0.0%	0.0%	1.0%	-	0.3%	-	0.0%	2.3%	1.5%	-	2.1%	-	0.0%	0.0%	0.0%	-	0.0%	-	3.5%	2.1%	1.4%	-	2.1%	1.9%
Trucks	-	0	0	0	-	0	-	9	93	3	-	105	-	2	1	3	-	6	-	1	26	0	-	27	138
% Trucks	-	0.0%	0.0%	-	-	0.0%	-	1.5%	1.6%	4.5%	-	1.6%	-	1.2%	0.4%	0.6%	-	0.7%	-	0.9%	0.5%	0.0%	-	0.5%	1.0%
Bicycles	-	-	-	-	6	6	-	-	-	-	8	8	-	-	-	-	0	0	-	-	-	-	3	3	17
Pedestrians	-	-	-	-	41	-	-	-	-	-	78	-	-	-	-	-	93	-	-	-	-	-	218	-	430



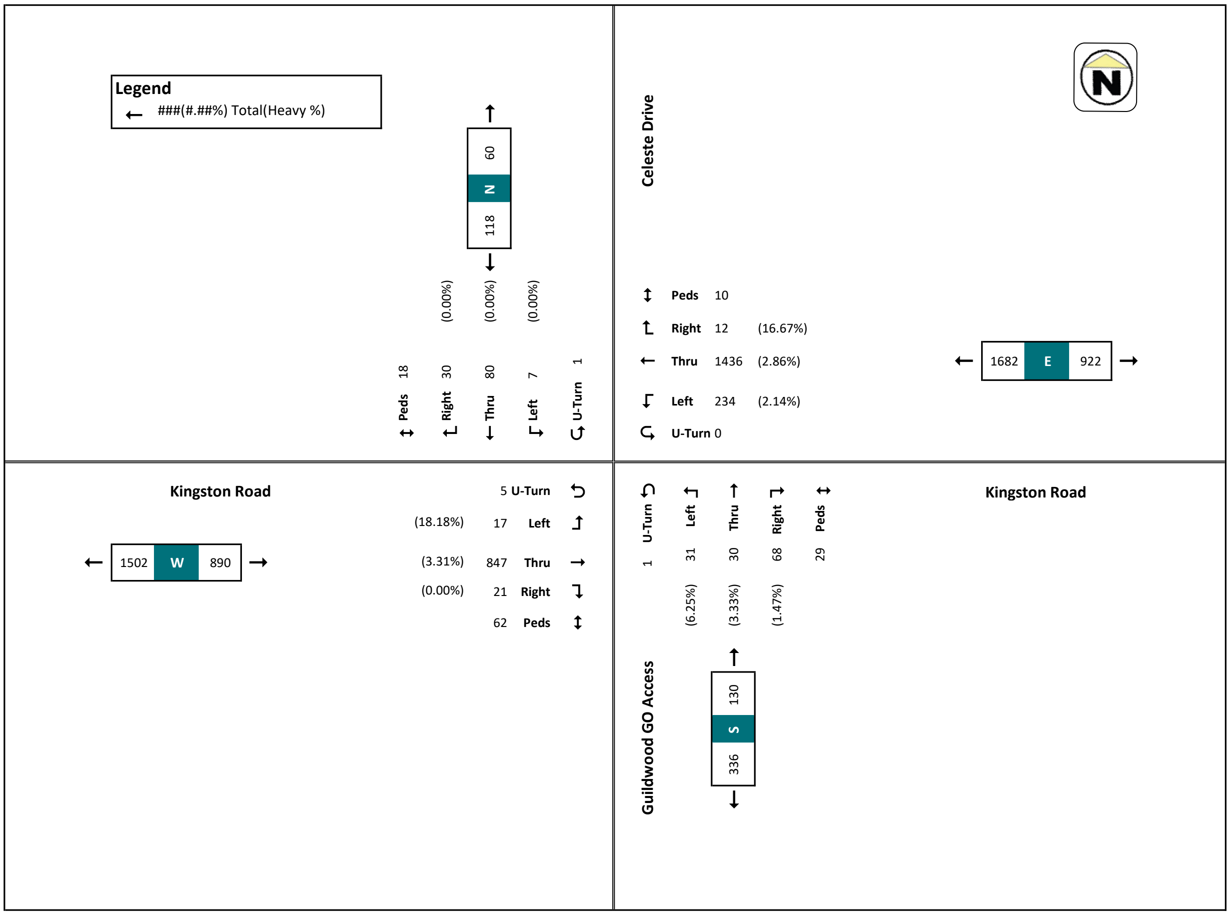
LEA Consulting Ltd.

625 Cochrane Drive, 5th Floor
Markham, ON L3R 9R9

Intersection : Guildwood GO Access & Kingston Road
Survey Date : November 28, 2024
Project No. : 25225
Count ID : 24422

AM Peak Hour - Guildwood GO Access & Kingston Road

	Celeste Drive Southbound						Kingston Road Westbound						Guildwood GO Access Northbound						Kingston Road Eastbound						
Start Time	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Grand Total
7:45	0	3	21	8	5	32	0	60	392	3	0	455	0	6	4	12	5	22	2	4	190	7	24	203	712
8:00	0	1	26	8	4	35	0	58	357	3	1	418	0	11	9	22	10	42	2	5	192	4	10	203	698
8:15	0	2	22	4	6	28	0	59	352	3	0	414	0	6	4	16	6	26	1	7	225	6	19	239	707
8:30	1	1	11	10	3	23	0	57	335	3	9	395	1	8	13	18	8	40	0	1	240	4	9	245	703
Hourly Total	1	7	80	30	18	118	0	234	1436	12	10	1682	1	31	30	68	29	130	5	17	847	21	62	890	2820
Approach %	0.8%	5.9%	67.8%	25.4%	-	-	0.0%	13.9%	85.4%	0.7%	-	-	0.8%	23.8%	23.1%	52.3%	-	-	0.6%	1.9%	95.2%	2.4%	-	-	-
Total %	0.0%	0.2%	2.8%	1.1%	-	4.2%	0.0%	8.3%	50.9%	0.4%	-	59.6%	0.0%	1.1%	1.1%	2.4%	-	4.6%	0.2%	0.6%	30.0%	0.7%	-	31.6%	-
PHF	0.25	0.58	0.77	0.75	-	0.84	0	0.98	0.92	1	-	0.92	0	0.7	0.58	0.77	-	0.77	0.63	0.61	0.88	0.75	-	0.91	0.99
Lights	1	7	80	29	-	117	0	229	1395	10	-	1634	1	29	29	67	-	126	5	13	819	21	-	858	2735
% Lights	100.0%	100.0%	100.0%	96.7%	-	99.2%	-	97.9%	97.1%	83.3%	-	97.1%	-	93.5%	96.7%	98.5%	-	96.9%	-	76.5%	96.7%	100.0%	-	96.4%	97.0%
Buses	-	0	0	1	-	1	-	0	27	1	-	28	-	0	0	0	-	0	-	4	24	0	-	28	57
% Buses	#VALUE!	0.0%	0.0%	3.3%	-	0.8%	-	0.0%	1.9%	8.3%	-	1.7%	-	0.0%	0.0%	0.0%	-	0.0%	-	23.5%	2.8%	0.0%	-	3.1%	2.0%
Trucks	-	0	0	0	-	0	-	5	14	1	-	20	-	2	1	1	-	4	-	0	4	0	-	4	28
% Trucks	#VALUE!	0.0%	0.0%	0.0%	-	0.0%	-	2.1%	1.0%	8.3%	-	1.2%	#VALUE!	6.5%	3.3%	1.5%	-	3.1%	-	0.0%	0.5%	0.0%	-	0.4%	1.0%
Bicycles	-	-	-	-	3	3	-	-	-	-	3	3	-	-	-	-	0	0	-	-	-	-	2	2	8
Pedestrians	-	-	-	-	18	-	-	-	-	-	10	-	-	-	-	-	1	-	-	-	-	-	62	-	91



LEA Consulting Ltd.

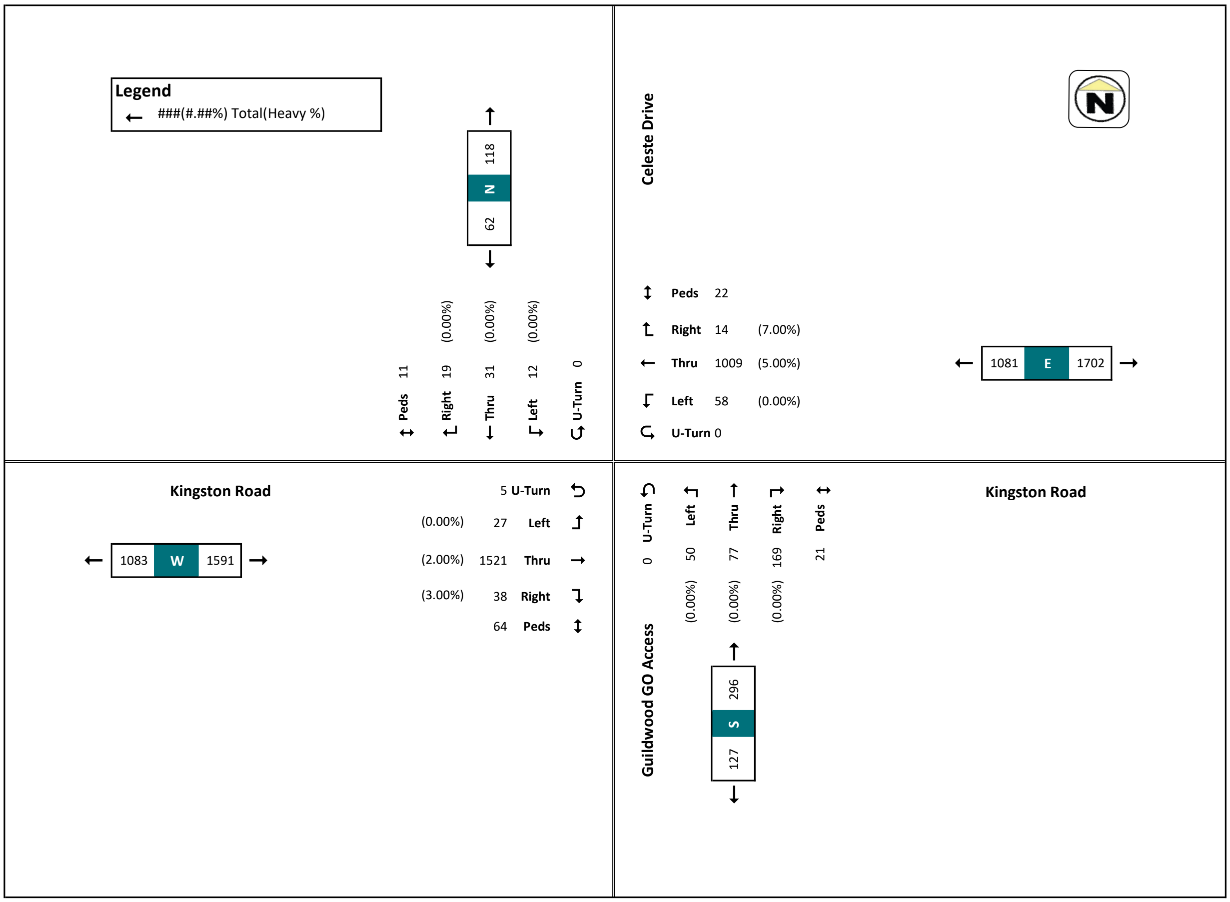
625 Cochrane Drive, 5th Floor
Markham, ON L3R 9R9

Intersection : Guildwood GO Access & Kingston Road
Survey Date : November 28, 2024
Project No. : 25225
Count ID : 24422

PM Peak Hour - Guildwood GO Access & Kingston Road

	Celeste Drive Southbound						Kingston Road Westbound					
Start Time	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total
17:00	0	6	8	6	1	20	0	16	261	6	8	283
17:15	0	3	7	5	1	15	0	18	264	2	5	284
17:30	0	0	4	6	9	10	1	12	236	3	3	252
17:45	0	3	12	2	0	17	1	12	248	3	6	264
Hourly Total	0	12	31	19	11	62	2	58	1009	14	22	1083
Approach %	0.0%	19.4%	50.0%	30.6%	-	-	0.2%	5.4%	93.2%	1.3%	-	-
Total %	0.0%	0.4%	1.0%	0.6%	-	2.0%	0.1%	2.1%	35.8%	0.5%	-	35.4%
PHF	0	0.5	0.65	0.79	-	0.78	0.5	0.81	0.96	0.58	-	0.95
Lights	0	12	31	19	-	62	2	58	977	14	-	1051
% Lights	-	100.0%	100.0%	100.0%	-	100.0%	-	100.0%	96.8%	100.0%	-	97.0%
Buses	-	0	0	0	-	0	-	0	25	0	-	25
% Buses	-	0.0%	0.0%	0.0%	-	0.0%	-	0.0%	2.5%	0.0%	-	2.3%
Trucks	-	0	0	0	-	0	-	0	7	0	-	7
% Trucks	-	0.0%	0.0%	0.0%	-	0.0%	-	0.0%	0.7%	0.0%	-	0.6%
Bicycles	-	-	-	-	1	1	-	-	-	-	0	0
Pedestrians	-	-	-	-	11	-	-	-	-	-	2	-

	Guildwood GO Access Northbound						Kingston Road Eastbound						
Start Time	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Grand Total
17:00	0	8	18	49	7	75	1	6	327	3	9	337	715
17:15	0	13	20	21	5	54	2	7	381	10	12	400	753
17:30	0	18	20	44	5	82	1	2	416	23	20	442	786
17:45	0	11	19	55	4	85	1	12	422	3	23	438	804
Hourly Total	0	50	77	169	21	296	5	27	1546	39	64	1617	3058
Approach %	0.0%	16.9%	26.0%	57.1%	-	-	0.3%	1.7%	95.6%	2.4%	-	-	-
Total %	0.0%	1.8%	2.7%	6.0%	-	9.7%	0.2%	1.0%	54.8%	1.4%	-	52.9%	-
PHF	0	0.69	0.96	0.77	-	0.87	0.63	0.56	0.92	0.42	-	0.91	0.95
Lights	0	50	77	169	-	296	5	27	1521	38	-	1591	3000
% Lights	-	100.0%	100.0%	100.0%	-	100.0%	-	100.0%	98.4%	97.4%	-	98.4%	98.1%
Buses	-	0	0	0	-	0	-	0	22	1	-	23	48
% Buses	-	0.0%	0.0%	0.0%	-	0.0%	-	0.0%	1.4%	2.6%	-	1.4%	1.6%
Trucks	-	0	0	0	-	0	-	0	3	0	-	3	10
% Trucks	-	0.0%	0.0%	0.0%	-	0.0%	-	0.0%	0.2%	0.0%	-	0.2%	0.3%
Bicycles	-	-	-	-	0	0	-	-	-	-	0	0	1
Pedestrians	-	-	-	-	0	-	-	-	-	-	5	-	18



RAIL VOLUMES

Freight Rail Line Class	Characteristics	Freight Train Modelling Assumptions
Principal Main Line	• Traffic volume generally exceeds 10 trains per day • High speeds, usually exceeding 80 kph (50 mph) • Includes heavy trains with 3 or 4 locomotives per train, commuter and passenger trains	• Assume one freight train per hour, or 16 trains per 16-hour day and 8 trains per 8-hour night (24 total per 24 hours) • Continuously welded rail • 100 kph speed • Assume 4 locomotives per train
Secondary Main Line	• Traffic volume generally exceeds 10 trains per day • High speeds, usually exceeding 80 kph (50 mph) • Trains generally of light to moderate weight with 3 or 4 locomotives per train • Majority of traffic may be commuter and passenger trains	• Assume one freight train per 2 hours, or 8 trains per 16-hour day and 4 trains per 8-hour night (12 total per 24 hours) • Continuously welded rail • 80 kph speed • Assume 3 locomotives per train
Principal Branch Line	• Regular scheduled traffic, usually less than 5 trains per day • Low speeds, generally limited to 50 kph (30 mph) • Trains generally of light to moderate weight with 1 or 2 locomotives per train but may include heavier trains with more units	• Assume one freight train per 4 hours, or 4 trains per 16-hour day and 2 trains per 8-hour night (6 total per 24 hours) • Continuously welded rail • 50 kph speed • Assume 2 locomotives per train
Secondary Branch Line	• Intermittent, unscheduled traffic, usually less than 1 train per day • Low speeds, generally limited to 50 kph (30 mph) • Trains generally of light to moderate weight with 1 locomotive per train	• Assume one freight train per 8 hours, or 2 trains per 16-hour day and 1 train per 8-hour night (3 total per 24 hours) • Continuously welded rail • 50 kph speed • Assume 1 locomotive per train
Spur Line	• Unscheduled traffic on a demand basis • Low speeds, limited to 24kph (15 mph) • Trains generally of light to moderate weight with 1 locomotive per train	• Assume one freight train per 12 hours, or 1 train per 16-hour day and 1 train per 8-hour night (2 total per 24 hours) • Jointed rail • 24 kph speed • Assume 1 locomotive per train
NOTES:	1. Canadian Rail Atlas has been used to determine rail line classification and ownership (i.e., CN/CP/other) 2. Commuter (GO) and passenger (VIA) rail volumes are based on data received from the responsible authority.	

Outlook

RE: Noise & Vibration Study - 402-408 Livingston Road North - RWDI#2505458

From Rail Data Requests <RailDataRequests@metrolinx.com>
Date Fri 12/6/2024 4:31 PM
To Amy Patenaude <Amy.Patenaude@rwdi.com>
Cc Sohrab Yusefi <Sohrab.Yusefi@rwdi.com>; Lorenzo Carboni <Lorenzo.Carboni@rwdi.com>

Hi Amy,

Further to your request dated December 3, 2024, the subject lands (402-408 Livingston N, Toronto) are located within 300 metres of the Metrolinx Kingston Subdivision (which carries Lakeshore East GO rail service).

It's anticipated that GO rail service on this Subdivision will be comprised of diesel and electric trains. The GO rail fleet combination on this Subdivision will consist of up to 1 locomotive and 4 passenger cars. The typical GO rail weekday train volume forecast near the subject lands, including both revenue and equipment trips is in the order of 342 trains. The planned detailed trip breakdown is listed below:

	1 Diesel Locomotive	1 Electric Locomotive		1 Diesel Locomotive	1 Electric Locomotive
Day (0700-2300)	64	230	Night (2300-0700)	10	38

The current track design speed near the subject lands is 95 mph (153 km/h).

There are *anti-whistling by-laws* in affect near the subject lands at Scarborough Golf Club Rd, Galloway Rd, Poplar Rd & Morningside Ave at railway crossing.

With respect to future electrified rail service, Metrolinx is committed to finding the most sustainable solution for electrifying the GO rail network and we are currently working towards the next phase.

Options have been studied as part of the Transit Project Assessment Process (TPAP) for the GO Expansion program, currently in the Development Phase. ONxpress will be responsible for selecting and delivering the right trains and infrastructure to unlock the benefits of GO Expansion. Construction to support GO Expansion is currently underway.

However, we can advise that train noise is dominated by the powertrain at lower speeds and by the wheel- track interaction at higher speeds. Hence, the noise level and spectrum of electric trains is expected to be very similar at higher speeds, if not identical, to those of equivalent diesel trains.

Given the above considerations, it would be prudent at this time, for the purposes of acoustical analyses for development in proximity to Metrolinx corridors, to assume that the acoustical characteristics of electrified and diesel trains are equivalent. In light of the aforementioned information, acoustical models should employ diesel train parameters as the basis for analyses. We anticipate that additional information regarding specific operational parameters for electrified trains will become available in the future once the proponent team is selected.

Operational information is subject to change and may be influenced by, among other factors, service planning priorities, operational considerations, funding availability and passenger demand.

It should be noted that this information only pertains to Metrolinx rail service. It would be prudent to contact other rail operators in the area directly for rail traffic information pertaining to non-Metrolinx rail service.

I trust this information is useful. Should you have any questions or concerns, please do not hesitate to contact me.

Best Regards,

Jenna Auger (She/Her)
Third Party Projects Review (TPPR)
Development & Real Estate Management
T: (416)-881-0579
10 Bay Street | Toronto | Ontario | M5J 2N8

METROLINX

From: Amy Patenaude <Amy.Patenaude@rwdi.com>
Sent: Tuesday, December 3, 2024 4:20 PM
To: Rail Data Requests <RailDataRequests@metrolinx.com>
Cc: Sohrab Yusefi <Sohrab.Yusefi@rwdi.com>; Lorenzo Carboni <Lorenzo.Carboni@rwdi.com>
Subject: Noise & Vibration Study - 402-408 Livingston Road North - RWDI#2505458

Good Day,

We are doing a noise study for the above-noted address and require the following rail data:

- Growth rate per annum for a 10-year period
- Day and night train volumes
- Average number of cars per train
- Number of Locomotives per train
- Maximum permissible speed
- Whistles used at crossings in the area
- Type of track (continuously welded, or jointed)
- Any idling of locomotive in the vicinity, and approximate idling duration.

The area of interest is highlighted in the image below. This is the Lakeshore East Line, past Guildwood Station

Please let me know the estimated turnaround time.

Thank you.

No.	Date	Time First Seen	Time Passed	Duration	Pass-time (s)	Direction	Type	# of Locomotive	# of Cars	ve Length (m)	Length (m)	Length (m)	Speed (m/s)	Speed (km/h)
1	2025-09-10	9:05:39	9:06:14	0:00:35	35	EB	VIA	2	10	34.24	259	293.24	8.4	30.2
2	2025-09-10	9:06:34	9:06:56	0:00:22	22	EB	GO	1	12	20.726	310.8	331.526	15.1	54.2
3	2025-09-10	9:12:43	9:13:31	0:00:48	48	EB	GO	1	12	20.726	310.8	331.526	6.9	24.9
4	2025-09-10	9:17:05	9:17:33	0:00:28	28	WB	GO	1	12	20.726	310.8	331.526	11.8	42.6
5	2025-09-10	9:31:32	9:31:42	0:00:10	10	EB	GO	1	12	20.726	310.8	331.526	33.2	119.3
6	2025-09-10	9:31:43	9:32:03	0:00:20	20	EB	GO	1	12	20.726	310.8	331.526	16.6	59.7
7	2025-09-10	9:47:04	9:47:32	0:00:28	28	WB	GO	1	12	20.726	310.8	331.526	11.8	42.6
8	2025-09-10	9:58:48	9:58:55	0:00:07	7	WB	VIA	1	5	17.12	129.5	146.62	20.9	75.4
9	2025-09-10	8:05:03	8:05:24	0:00:21	21	EB	GO	1	12	20.726	310.8	331.526	15.8	56.8
10	2025-09-10	8:08:33	8:09:01	0:00:28	28	WB	GO	1	12	20.726	310.8	331.526	11.8	42.6
11	2025-09-10	8:11:38	8:12:06	0:00:28	28	EB	GO	1	10	20.726	259	279.726	10.0	36
12	2025-09-10	8:17:00	8:17:32	0:00:32	32	WB	GO	1	12	20.726	310.8	331.526	10.4	37.3
13	2025-09-10	8:28:49	8:29:18	0:00:29	29	WB	GO	1	12	20.726	310.8	331.526	11.4	41.2
14	2025-09-10	8:35:43	8:36:01	0:00:18	18	EB	GO	1	10	20.726	259	279.726	15.5	55.9
15	2025-09-10	8:40:47	8:41:05	0:00:18	18	EB	GO	1	12	20.726	310.8	331.526	18.4	66.3
16	2025-09-10	8:45:38	8:46:07	0:00:29	29	WB	GO	1	12	20.726	310.8	331.526	11.4	41.2
17	2025-09-10	8:47:42	8:47:49	0:00:07	7	WB	VIA	1	5	17.12	129.5	146.62	20.9	75.4
18	2025-09-10	7:01:06	7:01:24	0:00:18	18	EB	GO	1	12	20.726	310.8	331.526	18.4	66.3
19	2025-09-10	7:13:54	7:14:23	0:00:29	29	WB	GO	1	12	20.726	310.8	331.526	11.4	41.2
20	2025-09-10	7:29:13	7:29:41	0:00:28	28	WB	GO	1	12	20.726	310.8	331.526	11.8	42.6
21	2025-09-10	7:32:27	7:32:56	0:00:29	29	EB	GO	1	12	20.726	310.8	331.526	11.4	41.2
22	2025-09-10	7:38:26	7:38:50	0:00:24	24	EB	GO	1	10	20.726	259	279.726	11.7	42
23	2025-09-10	7:44:35	7:45:04	0:00:29	29	WB	GO	1	12	20.726	310.8	331.526	11.4	41.2
24	2025-09-10	7:58:53	7:59:21	0:00:28	28	WB	GO	1	12	20.726	310.8	331.526	11.8	42.6

Speed (KM/H)	
VIA Max	75.4
VIA Min	30.2
VIA Average	60.3
GO Max	119.3
GO Min	24.9
GO Average	49.4

Pass-bys	4%
EB	48%
WB	48%

APPENDIX C

SAMPLE CADNAA ANALYSIS

Receiver
Name: RP01
ID: RP01
X: 17644853.09 m
Y: 4846228.73 m
Z: 6.30 m

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
1	17644885.30	4846187.23	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	45.4	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	37.1

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
2	17644889.29	4846172.32	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	47.5	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	35.0

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
3	17645195.74	4846281.37	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	61.8	0.7	-3.7	0.0	0.0	0.0	0.0	0.0	20.9

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
4	17645199.16	4846264.09	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	61.8	0.7	-3.7	0.0	0.0	0.0	0.0	0.0	20.9

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
74	17644767.47	4846193.93	0.10	0	D	50	25.3	-18.0	0.0	-6.0	0.0	0.0	13.3
74	17644767.47	4846193.93	0.10	0	D	63	33.6	-18.0	0.0	-6.0	0.0	0.0	21.5
74	17644767.47	4846193.93	0.10	0	D	80	38.0	-18.0	0.0	-6.0	0.0	0.0	25.9
74	17644767.47	4846193.93	0.10	0	D	100	39.9	-18.0	0.0	-6.0	0.0	0.0	27.8
74	17644767.47	4846193.93	0.10	0	D	125	40.8	-18.0	0.0	-6.0	0.0	0.0	28.8
74	17644767.47	4846193.93	0.10	0	D	160	41.6	-18.0	0.0	-5.9	0.0	0.0	29.5
74	17644767.47	4846193.93	0.10	0	D	200	42.5	-18.0	0.0	-5.9	0.0	0.0	30.3
74	17644767.47	4846193.93	0.10	0	D	250	43.7	-18.0	0.0	-5.8	0.0	0.0	31.5
74	17644767.47	4846193.93	0.10	0	D	315	45.3	-18.0	0.0	-5.7	0.0	0.0	33.0
74	17644767.47	4846193.93	0.10	0	D	400	47.2	-18.0	0.0	-5.6	0.0	0.0	34.8
74	17644767.47	4846193.93	0.10	0	D	500	49.0	-18.0	0.0	-5.5	0.0	0.0	36.5
74	17644767.47	4846193.93	0.10	0	D	630	49.7	-18.0	0.0	-5.4	0.0	0.0	37.1
74	17644767.47	4846193.93	0.10	0	D	800	52.0	-18.0	0.0	-5.2	0.0	0.0	39.2
74	17644767.47	4846193.93	0.10	0	D	1000	52.9	-18.0	0.0	-5.0	0.0	0.0	39.9
74	17644767.47	4846193.93	0.10	0	D	1250	52.8	-18.0	0.0	-4.7	0.0	0.0	39.5
74	17644767.47	4846193.93	0.10	0	D	1600	52.1	-18.0	0.0	-4.2	0.0	0.0	38.3
74	17644767.47	4846193.93	0.10	0	D	2000	51.8	-18.0	0.0	-3.6	0.0	0.0	37.4
74	17644767.47	4846193.93	0.10	0	D	2500	50.3	-18.0	0.0	-2.7	0.0	0.0	35.0
74	17644767.47	4846193.93	0.10	0	D	3150	48.9	-18.0	0.0	-1.3	0.0	0.0	32.2
74	17644767.47	4846193.93	0.10	0	D	4000	47.0	-18.0	0.0	0.9	0.0	0.0	28.1
74	17644767.47	4846193.93	0.10	0	D	5000	44.7	-18.0	0.0	4.0	0.0	0.0	22.6
74	17644767.47	4846193.93	0.10	0	D	6300	42.1	-18.0	0.0	0.9	0.0	0.0	23.3
74	17644767.47	4846193.93	0.10	0	D	8000	39.5	-18.0	0.0	0.9	0.0	0.0	20.6
74	17644767.47	4846193.93	0.10	0	D	10000	36.8	-18.0	0.0	0.9	0.0	0.0	17.9
77	17644752.23	4846171.20	0.10	0	D	50	25.3	-20.0	0.0	-6.0	0.0	0.0	11.3
77	17644752.23	4846171.20	0.10	0	D	63	33.6	-20.0	0.0	-6.0	0.0	0.0	19.5
77	17644752.23	4846171.20	0.10	0	D	80	38.0	-20.0	0.0	-6.0	0.0	0.0	23.9
77	17644752.23	4846171.20	0.10	0	D	100	39.9	-20.0	0.0	-6.0	0.0	0.0	25.8
77	17644752.23	4846171.20	0.10	0	D	125	40.8	-20.0	0.0	-5.9	0.0	0.0	26.7
77	17644752.23	4846171.20	0.10	0	D	160	41.6	-20.0	0.0	-5.9	0.0	0.0	27.5
77	17644752.23	4846171.20	0.10	0	D	200	42.5	-20.0	0.0	-5.8	0.0	0.0	28.3
77	17644752.23	4846171.20	0.10	0	D	250	43.7	-20.0	0.0	-5.8	0.0	0.0	29.4
77	17644752.23	4846171.20	0.10	0	D	315	45.3	-20.0	0.0	-5.7	0.0	0.0	31.0

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
77	17644752.23	4846171.20	0.10	0	D	400	47.2	-20.0	0.0	-5.6	0.0	0.0	32.7
77	17644752.23	4846171.20	0.10	0	D	500	49.0	-20.0	0.0	-5.5	0.0	0.0	34.4
77	17644752.23	4846171.20	0.10	0	D	630	49.7	-20.0	0.0	-5.3	0.0	0.0	35.0
77	17644752.23	4846171.20	0.10	0	D	800	52.0	-20.0	0.0	-5.1	0.0	0.0	37.1
77	17644752.23	4846171.20	0.10	0	D	1000	52.9	-20.0	0.0	-4.8	0.0	0.0	37.7
77	17644752.23	4846171.20	0.10	0	D	1250	52.8	-20.0	0.0	-4.5	0.0	0.0	37.3
77	17644752.23	4846171.20	0.10	0	D	1600	52.1	-20.0	0.0	-4.0	0.0	0.0	36.0
77	17644752.23	4846171.20	0.10	0	D	2000	51.8	-20.0	0.0	-3.3	0.0	0.0	35.1
77	17644752.23	4846171.20	0.10	0	D	2500	50.3	-20.0	0.0	-2.3	0.0	0.0	32.5
77	17644752.23	4846171.20	0.10	0	D	3150	48.9	-20.0	0.0	-0.8	0.0	0.0	29.6
77	17644752.23	4846171.20	0.10	0	D	4000	47.0	-20.0	0.0	1.6	0.0	0.0	25.4
77	17644752.23	4846171.20	0.10	0	D	5000	44.7	-20.0	0.0	4.9	0.0	0.0	19.8
77	17644752.23	4846171.20	0.10	0	D	6300	42.1	-20.0	0.0	1.6	0.0	0.0	20.5
77	17644752.23	4846171.20	0.10	0	D	8000	39.5	-20.0	0.0	1.6	0.0	0.0	17.9
77	17644752.23	4846171.20	0.10	0	D	10000	36.8	-20.0	0.0	1.6	0.0	0.0	15.2
79	17644729.37	4846137.09	0.10	0	D	50	25.3	-19.4	0.0	-6.0	0.0	0.0	11.9
79	17644729.37	4846137.09	0.10	0	D	63	33.6	-19.4	0.0	-6.0	0.0	0.0	20.1
79	17644729.37	4846137.09	0.10	0	D	80	38.0	-19.4	0.0	-6.0	0.0	0.0	24.5
79	17644729.37	4846137.09	0.10	0	D	100	39.9	-19.4	0.0	-5.9	0.0	0.0	26.4
79	17644729.37	4846137.09	0.10	0	D	125	40.8	-19.4	0.0	-5.9	0.0	0.0	27.4
79	17644729.37	4846137.09	0.10	0	D	160	41.6	-19.4	0.0	-5.9	0.0	0.0	28.1
79	17644729.37	4846137.09	0.10	0	D	200	42.5	-19.4	0.0	-5.8	0.0	0.0	28.9
79	17644729.37	4846137.09	0.10	0	D	250	43.7	-19.4	0.0	-5.7	0.0	0.0	30.0
79	17644729.37	4846137.09	0.10	0	D	315	45.3	-19.4	0.0	-5.6	0.0	0.0	31.5
79	17644729.37	4846137.09	0.10	0	D	400	47.2	-19.4	0.0	-5.5	0.0	0.0	33.3
79	17644729.37	4846137.09	0.10	0	D	500	49.0	-19.4	0.0	-5.3	0.0	0.0	34.9
79	17644729.37	4846137.09	0.10	0	D	630	49.7	-19.4	0.0	-5.1	0.0	0.0	35.4
79	17644729.37	4846137.09	0.10	0	D	800	52.0	-19.4	0.0	-4.9	0.0	0.0	37.5
79	17644729.37	4846137.09	0.10	0	D	1000	52.9	-19.4	0.0	-4.6	0.0	0.0	38.0
79	17644729.37	4846137.09	0.10	0	D	1250	52.8	-19.4	0.0	-4.1	0.0	0.0	37.6
79	17644729.37	4846137.09	0.10	0	D	1600	52.1	-19.4	0.0	-3.5	0.0	0.0	36.1
79	17644729.37	4846137.09	0.10	0	D	2000	51.8	-19.4	0.0	-2.6	0.0	0.0	35.0
79	17644729.37	4846137.09	0.10	0	D	2500	50.3	-19.4	0.0	-1.4	0.0	0.0	32.3
79	17644729.37	4846137.09	0.10	0	D	3150	48.9	-19.4	0.0	0.4	0.0	0.0	29.1
79	17644729.37	4846137.09	0.10	0	D	4000	47.0	-19.4	0.0	3.1	0.0	0.0	24.4
79	17644729.37	4846137.09	0.10	0	D	5000	44.7	-19.4	0.0	7.0	0.0	0.0	18.3
79	17644729.37	4846137.09	0.10	0	D	6300	42.1	-19.4	0.0	3.1	0.0	0.0	19.6
79	17644729.37	4846137.09	0.10	0	D	8000	39.5	-19.4	0.0	3.1	0.0	0.0	17.0
79	17644729.37	4846137.09	0.10	0	D	10000	36.8	-19.4	0.0	3.1	0.0	0.0	14.3
82	17644683.64	4846068.89	0.10	0	D	50	25.3	-19.9	0.0	-6.0	0.0	0.0	11.4
82	17644683.64	4846068.89	0.10	0	D	63	33.6	-19.9	0.0	-6.0	0.0	0.0	19.7
82	17644683.64	4846068.89	0.10	0	D	80	38.0	-19.9	0.0	-6.0	0.0	0.0	24.0
82	17644683.64	4846068.89	0.10	0	D	100	39.9	-19.9	0.0	-5.9	0.0	0.0	25.9
82	17644683.64	4846068.89	0.10	0	D	125	40.8	-19.9	0.0	-5.9	0.0	0.0	26.9
82	17644683.64	4846068.89	0.10	0	D	160	41.6	-19.9	0.0	-5.8	0.0	0.0	27.6
82	17644683.64	4846068.89	0.10	0	D	200	42.5	-19.9	0.0	-5.7	0.0	0.0	28.4
82	17644683.64	4846068.89	0.10	0	D	250	43.7	-19.9	0.0	-5.6	0.0	0.0	29.4
82	17644683.64	4846068.89	0.10	0	D	315	45.3	-19.9	0.0	-5.5	0.0	0.0	30.9
82	17644683.64	4846068.89	0.10	0	D	400	47.2	-19.9	0.0	-5.3	0.0	0.0	32.6
82	17644683.64	4846068.89	0.10	0	D	500	49.0	-19.9	0.0	-5.1	0.0	0.0	34.2
82	17644683.64	4846068.89	0.10	0	D	630	49.7	-19.9	0.0	-4.8	0.0	0.0	34.6
82	17644683.64	4846068.89	0.10	0	D	800	52.0	-19.9	0.0	-4.4	0.0	0.0	36.6
82	17644683.64	4846068.89	0.10	0	D	1000	52.9	-19.9	0.0	-4.0	0.0	0.0	37.0
82	17644683.64	4846068.89	0.10	0	D	1250	52.8	-19.9	0.0	-3.3	0.0	0.0	36.3
82	17644683.64	4846068.89	0.10	0	D	1600	52.1	-19.9	0.0	-2.4	0.0	0.0	34.6
82	17644683.64	4846068.89	0.10	0	D	2000	51.8	-19.9	0.0	-1.2	0.0	0.0	33.1
82	17644683.64	4846068.89	0.10	0	D	2500	50.3	-19.9	0.0	0.5	0.0	0.0	29.9
82	17644683.64	4846068.89	0.10	0	D	3150	48.9	-19.9	0.0	3.0	0.0	0.0	26.0
82	17644683.64	4846068.89	0.10	0	D	4000	47.0	-19.9	0.0	6.8	0.0	0.0	20.3
82	17644683.64	4846068.89	0.10	0	D	5000	44.7	-19.9	0.0	12.0	0.0	0.0	12.8
82	17644683.64	4846068.89	0.10	0	D	6300	42.1	-19.9	0.0	6.8	0.0	0.0	15.5
82	17644683.64	4846068.89	0.10	0	D	8000	39.5	-19.9	0.0	6.8	0.0	0.0	12.9
82	17644683.64	4846068.89	0.10	0	D	10000	36.8	-19.9	0.0	6.8	0.0	0.0	10.2

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
156	17644767.47	4846193.93	1.52	0	D	63	29.7	-18.0	0.0	-5.9	0.0	0.0	17.6
156	17644767.47	4846193.93	1.52	0	D	80	34.1	-18.0	0.0	-5.8	0.0	0.0	21.9
156	17644767.47	4846193.93	1.52	0	D	100	36.2	-18.0	0.0	-5.8	0.0	0.0	23.9
156	17644767.47	4846193.93	1.52	0	D	125	37.4	-18.0	0.0	-5.7	0.0	0.0	25.1
156	17644767.47	4846193.93	1.52	0	D	160	38.6	-18.0	0.0	-5.5	0.0	0.0	26.1
156	17644767.47	4846193.93	1.52	0	D	200	40.2	-18.0	0.0	-5.2	0.0	0.0	27.3
156	17644767.47	4846193.93	1.52	0	D	250	42.4	-18.0	0.0	-4.7	0.0	0.0	29.0
156	17644767.47	4846193.93	1.52	0	D	315	45.1	-18.0	0.0	-3.9	0.0	0.0	31.0
156	17644767.47	4846193.93	1.52	0	D	400	48.0	-18.0	0.0	-2.6	0.0	0.0	32.6
156	17644767.47	4846193.93	1.52	0	D	500	51.3	-18.0	0.0	-0.4	0.0	0.0	33.7
156	17644767.47	4846193.93	1.52	0	D	630	54.5	-18.0	0.0	4.2	0.0	0.0	32.2
156	17644767.47	4846193.93	1.52	0	D	1000	50.8	-18.0	0.0	3.1	0.0	0.0	29.6
156	17644767.47	4846193.93	1.52	0	D	1250	47.0	-18.0	0.0	-2.8	0.0	0.0	31.7
156	17644767.47	4846193.93	1.52	0	D	1600	47.8	-18.0	0.0	-4.8	0.0	0.0	34.5
156	17644767.47	4846193.93	1.52	0	D	2000	43.8	-18.0	0.0	-1.7	0.0	0.0	27.5
156	17644767.47	4846193.93	1.52	0	D	2500	40.6	-18.0	0.0	11.2	0.0	0.0	11.4
156	17644767.47	4846193.93	1.52	0	D	3150	37.8	-18.0	0.0	-2.9	0.0	0.0	22.7
156	17644767.47	4846193.93	1.52	0	D	5000	32.1	-18.0	0.0	0.2	0.0	0.0	13.8
156	17644767.47	4846193.93	1.52	0	D	6300	29.1	-18.0	0.0	0.2	0.0	0.0	10.9
159	17644752.23	4846171.20	1.52	0	D	63	29.7	-20.0	0.0	-5.9	0.0	0.0	15.6
159	17644752.23	4846171.20	1.52	0	D	80	34.1	-20.0	0.0	-5.9	0.0	0.0	19.9
159	17644752.23	4846171.20	1.52	0	D	100	36.2	-20.0	0.0	-5.8	0.0	0.0	22.0
159	17644752.23	4846171.20	1.52	0	D	125	37.4	-20.0	0.0	-5.7	0.0	0.0	23.2
159	17644752.23	4846171.20	1.52	0	D	160	38.6	-20.0	0.0	-5.6	0.0	0.0	24.2
159	17644752.23	4846171.20	1.52	0	D	200	40.2	-20.0	0.0	-5.4	0.0	0.0	25.5
159	17644752.23	4846171.20	1.52	0	D	250	42.4	-20.0	0.0	-5.0	0.0	0.0	27.4
159	17644752.23	4846171.20	1.52	0	D	315	45.1	-20.0	0.0	-4.5	0.0	0.0	29.6
159	17644752.23	4846171.20	1.52	0	D	400	48.0	-20.0	0.0	-3.7	0.0	0.0	31.7
159	17644752.23	4846171.20	1.52	0	D	500	51.3	-20.0	0.0	-2.3	0.0	0.0	33.6
159	17644752.23	4846171.20	1.52	0	D	630	54.5	-20.0	0.0	0.1	0.0	0.0	34.4
159	17644752.23	4846171.20	1.52	0	D	800	49.7	-20.0	0.0	5.5	0.0	0.0	24.2
159	17644752.23	4846171.20	1.52	0	D	1000	50.8	-20.0	0.0	18.8	0.0	0.0	12.0
159	17644752.23	4846171.20	1.52	0	D	1250	47.0	-20.0	0.0	2.9	0.0	0.0	24.0
159	17644752.23	4846171.20	1.52	0	D	1600	47.8	-20.0	0.0	-2.8	0.0	0.0	30.5
159	17644752.23	4846171.20	1.52	0	D	2000	43.8	-20.0	0.0	-4.0	0.0	0.0	27.8
159	17644752.23	4846171.20	1.52	0	D	2500	40.6	-20.0	0.0	-0.4	0.0	0.0	21.0
159	17644752.23	4846171.20	1.52	0	D	4000	34.8	-20.0	0.0	-0.8	0.0	0.0	15.6
161	17644729.37	4846137.09	1.52	0	D	63	29.7	-19.4	0.0	-5.9	0.0	0.0	16.2
161	17644729.37	4846137.09	1.52	0	D	80	34.1	-19.4	0.0	-5.9	0.0	0.0	20.6
161	17644729.37	4846137.09	1.52	0	D	100	36.2	-19.4	0.0	-5.9	0.0	0.0	22.7
161	17644729.37	4846137.09	1.52	0	D	125	37.4	-19.4	0.0	-5.8	0.0	0.0	23.9
161	17644729.37	4846137.09	1.52	0	D	160	38.6	-19.4	0.0	-5.7	0.0	0.0	24.9
161	17644729.37	4846137.09	1.52	0	D	200	40.2	-19.4	0.0	-5.5	0.0	0.0	26.3
161	17644729.37	4846137.09	1.52	0	D	250	42.4	-19.4	0.0	-5.3	0.0	0.0	28.3
161	17644729.37	4846137.09	1.52	0	D	315	45.1	-19.4	0.0	-4.9	0.0	0.0	30.6
161	17644729.37	4846137.09	1.52	0	D	400	48.0	-19.4	0.0	-4.3	0.0	0.0	33.0
161	17644729.37	4846137.09	1.52	0	D	500	51.3	-19.4	0.0	-3.5	0.0	0.0	35.4
161	17644729.37	4846137.09	1.52	0	D	630	54.5	-19.4	0.0	-2.1	0.0	0.0	37.2
161	17644729.37	4846137.09	1.52	0	D	800	49.7	-19.4	0.0	0.4	0.0	0.0	29.9
161	17644729.37	4846137.09	1.52	0	D	1000	50.8	-19.4	0.0	5.1	0.0	0.0	26.3
161	17644729.37	4846137.09	1.52	0	D	1250	47.0	-19.4	0.0	16.2	0.0	0.0	11.4
161	17644729.37	4846137.09	1.52	0	D	1600	47.8	-19.4	0.0	3.6	0.0	0.0	24.7
161	17644729.37	4846137.09	1.52	0	D	2000	43.8	-19.4	0.0	-1.3	0.0	0.0	25.8
161	17644729.37	4846137.09	1.52	0	D	2500	40.6	-19.4	0.0	-2.5	0.0	0.0	23.8
161	17644729.37	4846137.09	1.52	0	D	3150	37.8	-19.4	0.0	1.0	0.0	0.0	17.3
165	17644683.64	4846068.89	1.52	0	D	63	29.7	-19.9	0.0	-5.9	0.0	0.0	15.8
165	17644683.64	4846068.89	1.52	0	D	80	34.1	-19.9	0.0	-5.9	0.0	0.0	20.1
165	17644683.64	4846068.89	1.52	0	D	100	36.2	-19.9	0.0	-5.9	0.0	0.0	22.2
165	17644683.64	4846068.89	1.52	0	D	125	37.4	-19.9	0.0	-5.8	0.0	0.0	23.4
165	17644683.64	4846068.89	1.52	0	D	160	38.6	-19.9	0.0	-5.7	0.0	0.0	24.5
165	17644683.64	4846068.89	1.52	0	D	200	40.2	-19.9	0.0	-5.6	0.0	0.0	25.9
165	17644683.64	4846068.89	1.52	0	D	250	42.4	-19.9	0.0	-5.3	0.0	0.0	27.9
165	17644683.64	4846068.89	1.52	0	D	315	45.1	-19.9	0.0	-5.1	0.0	0.0	30.3

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
165	17644683.64	4846068.89	1.52	0	D	400	48.0	-19.9	0.0	-4.7	0.0	0.0	32.8
165	17644683.64	4846068.89	1.52	0	D	500	51.3	-19.9	0.0	-4.1	0.0	0.0	35.6
165	17644683.64	4846068.89	1.52	0	D	630	54.5	-19.9	0.0	-3.3	0.0	0.0	37.9
165	17644683.64	4846068.89	1.52	0	D	800	49.7	-19.9	0.0	-2.0	0.0	0.0	31.8
165	17644683.64	4846068.89	1.52	0	D	1000	50.8	-19.9	0.0	0.1	0.0	0.0	30.8
165	17644683.64	4846068.89	1.52	0	D	1250	47.0	-19.9	0.0	3.6	0.0	0.0	23.5
165	17644683.64	4846068.89	1.52	0	D	1600	47.8	-19.9	0.0	11.2	0.0	0.0	16.7
165	17644683.64	4846068.89	1.52	0	D	2000	43.8	-19.9	0.0	8.4	0.0	0.0	15.6
165	17644683.64	4846068.89	1.52	0	D	2500	40.6	-19.9	0.0	2.9	0.0	0.0	17.9
165	17644683.64	4846068.89	1.52	0	D	3150	37.8	-19.9	0.0	1.5	0.0	0.0	16.4
165	17644683.64	4846068.89	1.52	0	D	4000	34.8	-19.9	0.0	4.4	0.0	0.0	10.6

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1614	17645034.14	4846232.65	4.44	0	D	84.6	5.0	15.8	0.0	0.0	0.0	63.8
1617	17644981.04	4846216.93	4.44	0	D	84.6	5.0	12.8	0.0	0.0	0.0	66.9
1620	17644935.99	4846203.60	4.44	0	D	84.6	5.0	11.0	0.0	0.0	0.0	68.7
1623	17644908.24	4846195.38	4.44	0	D	84.6	5.0	11.5	0.0	0.0	0.0	68.2
1626	17644889.73	4846189.91	4.44	0	D	84.6	5.0	9.9	0.0	0.0	0.0	69.8
1629	17644871.23	4846184.43	4.44	0	D	84.6	5.0	9.0	0.0	0.0	0.0	70.7
1632	17644852.73	4846178.95	4.44	0	D	84.6	5.0	9.3	0.0	0.0	0.0	70.3
1636	17644834.23	4846173.48	4.44	0	D	84.6	5.0	10.7	0.0	0.0	0.0	69.0
1645	17644815.72	4846168.00	4.44	0	D	84.6	5.0	12.4	0.0	0.0	0.0	67.3
1727	17645035.43	4846233.03	2.30	0	D	71.5	5.0	16.1	0.0	0.3	0.0	50.1
1730	17644984.91	4846218.08	2.30	0	D	71.5	5.0	13.2	0.0	0.7	0.0	52.6
1733	17644957.07	4846209.84	2.30	0	D	71.5	5.0	21.4	0.0	1.0	0.0	44.1
1736	17644935.99	4846203.60	2.30	0	D	71.5	5.0	10.9	0.0	0.0	0.0	55.6
1739	17644908.24	4846195.38	2.30	0	D	71.5	5.0	11.5	0.0	0.0	0.0	55.0
1742	17644889.73	4846189.91	2.30	0	D	71.5	5.0	9.9	0.0	0.0	0.0	56.6
1745	17644871.23	4846184.43	2.30	0	D	71.5	5.0	9.0	0.0	0.0	0.0	57.5
1748	17644852.73	4846178.95	2.30	0	D	71.5	5.0	9.3	0.0	0.0	0.0	57.2
1751	17644834.23	4846173.48	2.30	0	D	71.5	5.0	10.7	0.0	0.0	0.0	55.9
1754	17644815.72	4846168.00	2.30	0	D	71.5	5.0	12.4	0.0	0.0	0.0	54.1
1845	17644788.76	4846160.10	4.44	0	D	84.6	5.0	11.9	0.0	0.0	0.0	67.8
1847	17644753.34	4846149.78	4.44	0	D	84.6	5.0	14.5	0.0	0.0	0.0	65.1
1850	17644700.20	4846134.30	4.44	0	D	84.6	5.0	14.4	0.0	0.0	0.0	65.2
1853	17645034.14	4846232.65	2.61	0	D	77.1	5.0	15.8	0.0	0.0	0.0	56.3
1856	17644981.04	4846216.93	2.61	0	D	77.1	5.0	12.8	0.0	0.0	0.0	59.4
1859	17644935.99	4846203.60	2.61	0	D	77.1	5.0	10.9	0.0	0.0	0.0	61.2
1862	17644908.24	4846195.38	2.61	0	D	77.1	5.0	11.5	0.0	0.0	0.0	60.6
1865	17644889.73	4846189.91	2.61	0	D	77.1	5.0	9.9	0.0	0.0	0.0	62.2
1869	17644871.23	4846184.43	2.61	0	D	77.1	5.0	9.0	0.0	0.0	0.0	63.1
1872	17644852.73	4846178.95	2.61	0	D	77.1	5.0	9.3	0.0	0.0	0.0	62.8
1875	17644834.23	4846173.48	2.61	0	D	77.1	5.0	10.7	0.0	0.0	0.0	61.5
1878	17644815.72	4846168.00	2.61	0	D	77.1	5.0	12.4	0.0	0.0	0.0	59.8
1959	17644788.76	4846160.10	2.30	0	D	71.5	5.0	11.9	0.0	0.0	0.0	54.6
1962	17644753.34	4846149.78	2.30	0	D	71.5	5.0	14.5	0.0	0.0	0.0	52.0
1965	17644700.20	4846134.30	2.30	0	D	71.5	5.0	14.4	0.0	0.0	0.0	52.1
1981	17644788.76	4846160.10	2.61	0	D	77.1	5.0	11.9	0.0	0.0	0.0	60.2
1984	17644753.34	4846149.78	2.61	0	D	77.1	5.0	14.5	0.0	0.0	0.0	57.6
1987	17644700.20	4846134.30	2.61	0	D	77.1	5.0	14.4	0.0	0.0	0.0	57.7
1990	17644630.54	4846112.94	4.44	0	D	84.6	4.4	18.1	0.0	0.0	0.0	62.1
1993	17644562.06	4846090.87	4.44	0	D	84.6	4.4	20.3	0.0	0.0	0.0	59.9
2068	17644630.54	4846112.94	2.30	0	D	71.5	4.4	18.1	0.0	0.0	0.0	49.0
2070	17644562.06	4846090.87	2.30	0	D	71.5	4.4	20.3	0.0	0.0	0.0	46.8
2090	17644481.68	4846061.15	4.44	0	D	84.6	0.2	25.1	0.0	0.0	0.0	59.3
2099	17644630.54	4846112.94	2.61	0	D	77.1	4.4	18.1	0.0	0.0	0.0	54.6
2101	17644562.06	4846090.87	2.61	0	D	77.1	4.4	20.3	0.0	0.0	0.0	52.4
2113	17644384.37	4846018.03	4.44	0	D	84.6	-1.1	27.8	0.0	0.0	0.0	57.8
2121	17644127.74	4845869.30	4.44	0	D	84.6	7.8	21.3	0.0	0.0	0.0	55.5
2127	17644481.68	4846061.15	2.30	0	D	71.5	0.3	25.0	0.0	0.0	0.0	46.2
2131	17644302.65	4845976.62	4.44	0	D	84.6	4.9	25.4	0.0	0.0	0.0	54.3

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2143	17644384.37	4846018.03	2.30	0	D	71.5	-0.9	27.6	0.0	0.0	0.0	44.7
2153	17644481.68	4846061.15	2.61	0	D	77.1	0.3	25.0	0.0	0.0	0.0	51.8
2176	17644251.35	4845947.39	4.44	0	D	84.6	6.2	26.5	0.0	0.0	0.0	51.9
2190	17644384.37	4846018.03	2.61	0	D	77.1	-0.9	27.7	0.0	0.0	0.0	50.3
2207	17644127.74	4845869.30	2.30	0	D	71.5	7.8	21.3	0.0	0.0	0.0	42.4
2213	17644213.57	4845924.43	4.44	0	D	84.6	7.4	26.7	0.0	0.0	0.0	50.5
2242	17644035.27	4845810.38	4.44	0	D	84.6	6.7	28.3	0.0	0.0	0.0	49.6
2252	17644302.65	4845976.62	2.30	0	D	71.5	4.9	25.4	0.0	0.0	0.0	41.2
2267	17644127.74	4845869.30	2.61	0	D	77.1	7.8	21.3	0.0	0.0	0.0	48.0
2305	17644302.65	4845976.62	2.61	0	D	77.1	4.9	25.4	0.0	0.0	0.0	46.8
2324	17644251.35	4845947.39	2.30	0	D	71.5	6.2	26.5	0.0	0.0	0.0	38.7
2352	17644213.57	4845924.43	2.30	0	D	71.5	7.4	26.7	0.0	0.0	0.0	37.4
2371	17644251.35	4845947.39	2.61	0	D	77.1	6.2	26.5	0.0	0.0	0.0	44.3
2504	17644035.27	4845810.38	2.30	0	D	71.5	6.7	28.3	0.0	0.0	0.0	36.5
2513	17644213.57	4845924.43	2.61	0	D	77.1	7.4	26.7	0.0	0.0	0.0	43.0
2519	17644035.27	4845810.38	2.61	0	D	77.1	6.7	28.3	0.0	0.0	0.0	42.1

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1648	17644695.40	4846128.03	4.44	0	D	78.6	5.3	15.1	0.0	0.0	0.0	58.2
1651	17644741.55	4846141.61	4.44	0	D	78.6	5.3	15.7	0.0	0.0	0.0	57.6
1655	17644772.32	4846150.66	4.44	0	D	78.6	5.3	13.7	0.0	0.0	0.0	59.6
1660	17644803.08	4846159.72	4.44	0	D	78.6	5.3	11.3	0.0	0.0	0.0	62.0
1663	17644826.16	4846166.51	4.44	0	D	78.6	5.3	12.4	0.0	0.0	0.0	60.9
1667	17644841.54	4846171.04	4.44	0	D	78.6	5.3	11.2	0.0	0.0	0.0	62.1
1670	17644856.92	4846175.56	4.44	0	D	78.6	5.3	10.3	0.0	0.0	0.0	63.0
1674	17644872.30	4846180.09	4.44	0	D	78.6	5.3	10.2	0.0	0.0	0.0	63.1
1677	17644887.69	4846184.62	4.44	0	D	78.6	5.3	10.7	0.0	0.0	0.0	62.5
1689	17644903.07	4846189.14	4.44	0	D	78.6	5.3	11.8	0.0	0.0	0.0	61.5
1693	17644695.40	4846128.03	2.30	0	D	71.6	5.3	15.0	0.0	0.0	0.0	51.2
1696	17644741.55	4846141.61	2.30	0	D	71.6	5.3	15.7	0.0	0.0	0.0	50.5
1699	17644772.32	4846150.66	2.30	0	D	71.6	5.3	13.7	0.0	0.0	0.0	52.5
1703	17644803.08	4846159.72	2.30	0	D	71.6	5.3	11.3	0.0	0.0	0.0	54.9
1706	17644826.16	4846166.51	2.30	0	D	71.6	5.3	12.4	0.0	0.0	0.0	53.8
1709	17644841.54	4846171.04	2.30	0	D	71.6	5.3	11.2	0.0	0.0	0.0	55.1
1714	17644856.92	4846175.56	2.30	0	D	71.6	5.3	10.3	0.0	0.0	0.0	55.9
1717	17644872.30	4846180.09	2.30	0	D	71.6	5.3	10.2	0.0	0.0	0.0	56.0
1720	17644887.69	4846184.62	2.30	0	D	71.6	5.3	10.7	0.0	0.0	0.0	55.5
1724	17644903.07	4846189.14	2.30	0	D	71.6	5.3	11.8	0.0	0.0	0.0	54.4
1922	17644924.27	4846195.32	4.44	0	D	78.6	5.3	11.2	0.0	0.0	0.0	62.1
1925	17644951.29	4846203.16	4.44	0	D	78.6	5.3	13.4	0.0	0.0	0.0	59.9
1929	17644988.54	4846213.96	4.44	0	D	78.6	5.3	13.4	0.0	0.0	0.0	59.9
1932	17645036.00	4846227.72	4.44	0	D	78.6	5.3	16.1	0.0	0.0	0.0	57.3
1935	17644924.27	4846195.32	2.30	0	D	71.6	5.3	11.2	0.0	0.0	0.0	55.1
1938	17644951.29	4846203.16	2.30	0	D	71.6	5.3	13.4	0.0	0.0	0.0	52.8
1953	17644988.54	4846213.96	2.30	0	D	71.6	5.3	13.4	0.0	0.0	0.0	52.8
1956	17645036.00	4846227.72	2.30	0	D	71.6	5.3	16.0	0.0	0.0	0.0	50.2
1997	17644695.40	4846128.03	2.61	0	D	71.1	5.3	15.0	0.0	0.0	0.0	50.7
2000	17644741.55	4846141.61	2.61	0	D	71.1	5.3	15.7	0.0	0.0	0.0	50.0
2003	17644772.32	4846150.66	2.61	0	D	71.1	5.3	13.7	0.0	0.0	0.0	52.0
2005	17644803.08	4846159.72	2.61	0	D	71.1	5.3	11.3	0.0	0.0	0.0	54.4
2008	17644826.16	4846166.51	2.61	0	D	71.1	5.3	12.4	0.0	0.0	0.0	53.4
2010	17644841.54	4846171.04	2.61	0	D	71.1	5.3	11.2	0.0	0.0	0.0	54.6
2013	17644856.92	4846175.56	2.61	0	D	71.1	5.3	10.3	0.0	0.0	0.0	55.4
2016	17644872.30	4846180.09	2.61	0	D	71.1	5.3	10.2	0.0	0.0	0.0	55.6
2019	17644887.69	4846184.62	2.61	0	D	71.1	5.3	10.7	0.0	0.0	0.0	55.0
2022	17644903.07	4846189.14	2.61	0	D	71.1	5.3	11.8	0.0	0.0	0.0	53.9
2034	17645090.63	4846243.56	4.44	0	D	78.6	5.3	17.2	0.0	0.0	0.0	56.1
2036	17645153.42	4846261.77	4.44	0	D	78.6	5.3	19.1	0.0	0.0	0.0	54.2
2039	17644596.82	4846097.28	4.44	0	D	78.6	4.9	15.6	0.0	0.0	0.0	58.1
2047	17645090.63	4846243.56	2.30	0	D	71.6	5.3	17.2	0.0	0.0	0.0	49.1
2049	17645153.42	4846261.77	2.30	0	D	71.6	5.3	19.1	0.0	0.0	0.0	47.1

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2051	17644596.82	4846097.28	2.30	0	D	71.6	4.9	15.6	0.0	0.0	0.0	51.0
2082	17644924.27	4846195.32	2.61	0	D	71.1	5.3	11.2	0.0	0.0	0.0	54.6
2084	17644951.29	4846203.16	2.61	0	D	71.1	5.3	13.4	0.0	0.0	0.0	52.3
2086	17644988.54	4846213.96	2.61	0	D	71.1	5.3	13.4	0.0	0.0	0.0	52.3
2088	17645036.00	4846227.72	2.61	0	D	71.1	5.3	16.0	0.0	0.0	0.0	49.7
2092	17645262.87	4846293.29	4.44	0	D	78.6	5.3	22.7	0.0	0.0	0.0	50.6
2095	17645373.73	4846325.30	4.44	0	D	78.6	5.3	19.8	0.0	0.0	0.0	53.6
2105	17645262.87	4846293.29	2.30	0	D	71.6	5.3	22.7	0.0	0.0	0.0	43.5
2107	17645373.73	4846325.30	2.30	0	D	71.6	5.3	19.8	0.0	0.0	0.0	46.5
2117	17644483.10	4846056.90	4.44	0	D	78.6	1.1	24.2	0.0	0.0	0.0	53.3
2123	17644483.10	4846056.90	2.30	0	D	71.6	1.2	24.1	0.0	0.0	0.0	46.2
2125	17644386.14	4846013.66	4.44	0	D	78.6	-2.3	29.1	0.0	0.0	0.0	51.9
2133	17644386.14	4846013.66	2.30	0	D	71.6	-2.0	28.8	0.0	0.0	0.0	44.8
2149	17645217.98	4846280.30	4.44	0	D	78.6	5.3	23.3	0.0	0.0	0.0	50.0
2170	17644141.64	4845873.31	4.44	0	D	78.6	7.5	22.3	0.0	0.0	0.0	48.8
2179	17645217.98	4846280.30	2.30	0	D	71.6	5.4	23.3	0.0	0.0	0.0	42.9
2192	17644304.73	4845972.37	4.44	0	D	78.6	4.2	26.2	0.0	0.0	0.0	48.3
2204	17644141.64	4845873.31	2.30	0	D	71.6	7.5	22.3	0.0	0.0	0.0	41.7
2215	17644304.73	4845972.37	2.30	0	D	71.6	4.2	26.2	0.0	0.0	0.0	41.2
2218	17645573.29	4846383.74	4.44	0	D	78.6	5.8	25.7	0.0	0.0	0.0	47.1
2223	17645090.63	4846243.56	2.61	0	D	71.1	5.3	17.2	0.0	0.0	0.0	48.6
2236	17645153.42	4846261.77	2.61	0	D	71.1	5.3	19.1	0.0	0.0	0.0	46.6
2237	17644596.82	4846097.28	2.61	0	D	71.1	4.9	15.6	0.0	0.0	0.0	50.5
2244	17645483.24	4846357.20	4.44	0	D	78.6	5.8	26.3	0.0	0.0	0.0	46.6
2247	17645192.54	4846273.02	4.44	0	D	78.6	5.0	27.1	0.0	0.0	0.0	46.6
2269	17645573.29	4846383.74	2.30	0	D	71.6	5.8	25.7	0.0	0.0	0.0	40.0
2272	17644253.44	4845943.38	4.44	0	D	78.6	5.7	27.0	0.0	0.0	0.0	45.9
2284	17645483.24	4846357.20	2.30	0	D	71.6	5.8	26.3	0.0	0.0	0.0	39.5
2288	17645192.54	4846273.02	2.30	0	D	71.6	5.0	27.1	0.0	0.0	0.0	39.5
2293	17644253.44	4845943.38	2.30	0	D	71.6	5.7	27.0	0.0	0.0	0.0	38.8
2299	17645635.08	4846402.49	4.44	0	D	78.6	6.3	27.8	0.0	0.0	0.0	44.5
2302	17644215.37	4845920.45	4.44	0	D	78.6	6.9	27.1	0.0	0.0	0.0	44.5
2314	17645262.87	4846293.29	2.61	0	D	71.1	5.3	22.7	0.0	0.0	0.0	43.0
2317	17645373.73	4846325.30	2.61	0	D	71.1	5.3	19.8	0.0	0.0	0.0	46.0
2333	17645635.08	4846402.49	2.30	0	D	71.6	6.3	27.8	0.0	0.0	0.0	37.5
2335	17644215.37	4845920.45	2.30	0	D	71.6	7.0	27.1	0.0	0.0	0.0	37.5
2338	17645522.33	4846368.69	4.44	0	D	78.6	5.0	30.3	0.0	0.0	0.0	43.4
2347	17644067.12	4845825.49	4.44	0	D	78.6	7.2	28.6	0.0	0.0	0.0	42.8
2368	17645522.33	4846368.69	2.30	0	D	71.6	5.0	30.3	0.0	0.0	0.0	36.3
2375	17644067.12	4845825.49	2.30	0	D	71.6	7.2	28.6	0.0	0.0	0.0	35.8
2510	17644483.10	4846056.90	2.61	0	D	71.1	1.2	24.1	0.0	0.0	0.0	45.7
2516	17644386.14	4846013.66	2.61	0	D	71.1	-2.0	28.8	0.0	0.0	0.0	44.3
2522	17645667.65	4846412.62	4.44	0	D	78.6	6.8	32.6	0.0	0.0	0.0	39.3
2530	17644042.39	4845809.86	4.44	0	D	78.6	7.0	33.3	0.0	0.0	0.0	38.3
2536	17645667.65	4846412.62	2.30	0	D	71.6	6.8	32.6	0.0	0.0	0.0	32.2
2542	17644022.11	4845796.87	4.44	0	D	78.6	9.2	31.9	0.0	0.0	0.0	37.6
2546	17645217.98	4846280.30	2.61	0	D	71.1	5.4	23.3	0.0	0.0	0.0	42.4
2549	17644042.39	4845809.86	2.30	0	D	71.6	7.0	33.2	0.0	0.0	0.0	31.3
2551	17644141.64	4845873.31	2.61	0	D	71.1	7.5	22.3	0.0	0.0	0.0	41.2
2555	17644022.11	4845796.87	2.30	0	D	71.6	9.2	31.9	0.0	0.0	0.0	30.5
2558	17644304.73	4845972.37	2.61	0	D	71.1	4.2	26.2	0.0	0.0	0.0	40.7
2562	17644031.74	4845803.27	4.44	0	D	78.6	5.9	37.1	0.0	0.0	0.0	35.7
2567	17645573.29	4846383.74	2.61	0	D	71.1	5.8	25.7	0.0	0.0	0.0	39.5
2571	17644031.74	4845803.27	2.30	0	D	71.6	5.9	37.1	0.0	0.0	0.0	28.6
2574	17645483.24	4846357.20	2.61	0	D	71.1	5.8	26.3	0.0	0.0	0.0	39.0
2577	17645192.54	4846273.02	2.61	0	D	71.1	5.0	27.1	0.0	0.0	0.0	39.0
2580	17644253.44	4845943.38	2.61	0	D	71.1	5.7	27.0	0.0	0.0	0.0	38.3
2584	17645635.08	4846402.49	2.61	0	D	71.1	6.3	27.8	0.0	0.0	0.0	37.0
2587	17644215.37	4845920.45	2.61	0	D	71.1	7.0	27.1	0.0	0.0	0.0	37.0
2590	17645522.33	4846368.69	2.61	0	D	71.1	5.0	30.3	0.0	0.0	0.0	35.8
2594	17644067.12	4845825.49	2.61	0	D	71.1	7.2	28.6	0.0	0.0	0.0	35.3
2598	17645667.65	4846412.62	2.61	0	D	71.1	6.8	32.6	0.0	0.0	0.0	31.7
2601	17644042.39	4845809.86	2.61	0	D	71.1	7.0	33.2	0.0	0.0	0.0	30.8

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2604	17644022.11	4845796.87	2.61	0	D	71.1	9.2	31.9	0.0	0.0	0.0	30.0
2607	17644031.74	4845803.27	2.61	0	D	71.1	5.9	37.1	0.0	0.0	0.0	28.1

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1757	17645016.21	4846209.73	2.30	0	D	71.5	6.1	13.8	0.0	1.7	0.0	49.9
1759	17644972.35	4846197.60	2.30	0	D	71.5	6.1	13.3	0.0	2.6	0.0	49.4
1763	17644937.27	4846187.90	2.30	0	D	71.5	6.1	10.7	0.0	0.0	0.0	54.7
1767	17644910.21	4846180.42	2.30	0	D	71.5	6.1	11.8	0.0	0.0	0.0	53.6
1770	17644892.17	4846175.43	2.30	0	D	71.5	6.1	10.8	0.0	0.0	0.0	54.6
1773	17644874.12	4846170.44	2.30	0	D	71.5	6.1	10.2	0.0	0.0	0.0	55.2
1780	17644856.08	4846165.45	2.30	0	D	71.5	6.1	10.4	0.0	0.0	0.0	55.0
1783	17644838.04	4846160.47	2.30	0	D	71.5	6.1	11.2	0.0	0.0	0.0	54.2
1786	17644820.00	4846155.48	2.30	0	D	71.5	6.1	12.4	0.0	0.0	0.0	53.0
1790	17644792.94	4846147.99	2.30	0	D	71.5	6.1	11.3	0.0	0.0	0.0	54.1
1793	17644756.86	4846138.02	2.30	0	D	71.5	6.1	13.7	0.0	0.0	0.0	51.7
1796	17644702.73	4846123.05	2.30	0	D	71.5	6.1	13.4	0.0	0.0	0.0	51.9
1799	17645016.21	4846209.73	4.44	0	D	78.6	6.1	13.8	0.0	0.0	0.0	58.7
1802	17644972.35	4846197.60	4.44	0	D	78.6	6.1	13.3	0.0	0.0	0.0	59.2
1805	17644937.27	4846187.90	4.44	0	D	78.6	6.1	10.7	0.0	0.0	0.0	61.8
1808	17644910.21	4846180.42	4.44	0	D	78.6	6.1	11.8	0.0	0.0	0.0	60.7
1811	17644892.17	4846175.43	4.44	0	D	78.6	6.1	10.8	0.0	0.0	0.0	61.8
1814	17644874.12	4846170.44	4.44	0	D	78.6	6.1	10.2	0.0	0.0	0.0	62.3
1818	17644856.08	4846165.45	4.44	0	D	78.6	6.1	10.4	0.0	0.0	0.0	62.1
1821	17644838.04	4846160.47	4.44	0	D	78.6	6.1	11.2	0.0	0.0	0.0	61.3
1832	17644820.00	4846155.48	4.44	0	D	78.6	6.1	12.4	0.0	0.0	0.0	60.1
1835	17644792.94	4846147.99	4.44	0	D	78.6	6.1	11.3	0.0	0.0	0.0	61.2
1839	17644756.86	4846138.02	4.44	0	D	78.6	6.1	13.7	0.0	0.0	0.0	58.8
1842	17644702.73	4846123.05	4.44	0	D	78.6	6.1	13.4	0.0	0.0	0.0	59.1
1881	17645018.23	4846210.29	2.61	0	D	77.1	6.1	14.3	0.0	0.0	0.0	56.7
1884	17644991.41	4846202.87	2.61	0	D	77.1	6.1	23.8	0.0	0.0	0.0	47.2
1889	17644972.81	4846197.73	2.61	0	D	77.1	6.1	13.5	0.0	0.0	0.0	57.5
1892	17644938.14	4846188.15	2.61	0	D	77.1	6.1	10.7	0.0	0.0	0.0	60.3
1895	17644910.99	4846180.64	2.61	0	D	77.1	6.1	11.9	0.0	0.0	0.0	59.1
1898	17644892.90	4846175.63	2.61	0	D	77.1	6.1	10.8	0.0	0.0	0.0	60.2
1901	17644874.80	4846170.63	2.61	0	D	77.1	6.1	10.2	0.0	0.0	0.0	60.8
1904	17644856.70	4846165.62	2.61	0	D	77.1	6.1	10.4	0.0	0.0	0.0	60.6
1907	17644838.60	4846160.62	2.61	0	D	77.1	6.1	11.2	0.0	0.0	0.0	59.8
1910	17644820.50	4846155.61	2.61	0	D	77.1	6.1	12.4	0.0	0.0	0.0	58.6
1913	17644793.35	4846148.11	2.61	0	D	77.1	6.1	11.3	0.0	0.0	0.0	59.7
1916	17644757.15	4846138.10	2.61	0	D	77.1	6.1	13.7	0.0	0.0	0.0	57.3
1919	17644702.85	4846123.08	2.61	0	D	77.1	6.1	13.4	0.0	0.0	0.0	57.6
2080	17644599.04	4846091.03	2.30	0	D	71.5	5.4	15.2	0.0	0.0	0.0	50.9
2097	17644599.04	4846091.03	4.44	0	D	78.6	5.3	15.2	0.0	0.0	0.0	58.0
2103	17644599.04	4846091.03	2.61	0	D	77.1	5.4	15.2	0.0	0.0	0.0	56.5
2129	17644485.48	4846050.83	2.30	0	D	71.5	3.0	22.3	0.0	0.0	0.0	46.1
2135	17644485.48	4846050.83	4.44	0	D	78.6	3.0	22.4	0.0	0.0	0.0	53.3
2146	17644388.26	4846009.07	2.30	0	D	71.5	-3.7	30.5	0.0	0.0	0.0	44.7
2156	17644485.48	4846050.83	2.61	0	D	77.1	3.0	22.3	0.0	0.0	0.0	51.7
2164	17644388.26	4846009.07	4.44	0	D	78.6	-4.4	31.2	0.0	0.0	0.0	51.8
2194	17644388.26	4846009.07	2.61	0	D	77.1	-3.8	30.6	0.0	0.0	0.0	50.3
2263	17644306.82	4845968.87	2.30	0	D	71.5	3.7	26.7	0.0	0.0	0.0	41.1
2282	17644306.82	4845968.87	4.44	0	D	78.6	3.7	26.7	0.0	0.0	0.0	48.2
2308	17644306.82	4845968.87	2.61	0	D	77.1	3.7	26.7	0.0	0.0	0.0	46.7

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1968	17645076.27	4846227.35	4.44	0	D	84.6	6.4	15.3	0.0	0.0	0.0	63.0
1971	17645142.37	4846247.32	4.44	0	D	84.6	6.4	17.6	0.0	0.0	0.0	60.7
1974	17645182.67	4846259.49	4.44	0	D	84.6	6.4	25.4	0.0	0.0	0.0	52.9
1978	17645212.84	4846268.60	4.44	0	D	84.6	6.4	21.1	0.0	0.0	0.0	57.1

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2024	17645076.27	4846227.35	2.30	0	D	71.5	6.4	15.3	0.0	1.5	0.0	48.3
2026	17645142.37	4846247.32	2.30	0	D	71.5	6.4	17.6	0.0	2.0	0.0	45.5
2029	17645181.44	4846259.12	2.30	0	D	71.5	6.4	26.1	0.0	0.1	0.0	38.9
2030	17645188.69	4846261.31	2.30	0	D	71.5	6.4	33.2	0.0	0.0	0.0	31.9
2032	17645212.84	4846268.60	2.30	0	D	71.5	6.4	21.1	0.0	0.0	0.0	44.0
2053	17645093.66	4846232.60	2.61	0	D	77.1	6.4	14.0	0.0	0.0	0.0	56.7
2055	17645153.72	4846250.75	2.61	0	D	77.1	6.4	23.3	0.0	0.0	0.0	47.4
2057	17645169.37	4846255.48	2.61	0	D	77.1	6.4	25.8	0.0	0.0	0.0	44.9
2058	17645182.67	4846259.49	2.61	0	D	77.1	6.4	25.4	0.0	0.0	0.0	45.3
2060	17645212.84	4846268.60	2.61	0	D	77.1	6.4	21.1	0.0	0.0	0.0	49.6
2109	17645323.31	4846303.83	4.44	0	D	84.6	6.7	24.2	0.0	0.0	0.0	53.7
2111	17645379.68	4846321.80	4.44	0	D	84.6	6.7	21.9	0.0	0.0	0.0	56.0
2115	17645270.53	4846286.81	4.44	0	D	84.6	6.8	20.1	0.0	0.0	0.0	57.6
2119	17645524.33	4846365.28	4.44	0	D	84.6	5.8	22.7	0.0	0.0	0.0	56.2
2139	17645323.31	4846303.83	2.30	0	D	71.5	6.7	24.2	0.0	0.0	0.0	40.6
2141	17645379.68	4846321.80	2.30	0	D	71.5	6.7	21.9	0.0	0.0	0.0	42.9
2159	17645270.53	4846286.81	2.30	0	D	71.5	6.8	20.1	0.0	0.0	0.0	44.5
2162	17645629.49	4846397.37	4.44	0	D	84.6	7.2	24.7	0.0	0.0	0.0	52.7
2167	17645438.36	4846340.04	4.44	0	D	84.6	5.9	26.5	0.0	0.0	0.0	52.2
2182	17645323.31	4846303.83	2.61	0	D	77.1	6.7	24.2	0.0	0.0	0.0	46.2
2184	17645379.68	4846321.80	2.61	0	D	77.1	6.7	21.9	0.0	0.0	0.0	48.5
2187	17645524.33	4846365.28	2.30	0	D	71.5	5.8	22.7	0.0	0.0	0.0	43.0
2200	17645270.53	4846286.81	2.61	0	D	77.1	6.8	20.1	0.0	0.0	0.0	50.1
2240	17645524.33	4846365.28	2.61	0	D	77.1	5.8	22.7	0.0	0.0	0.0	48.6
2295	17645629.49	4846397.37	2.30	0	D	71.5	7.2	24.7	0.0	0.0	0.0	39.5
2319	17645438.36	4846340.04	2.30	0	D	71.5	5.9	26.5	0.0	0.0	0.0	39.1
2344	17645629.49	4846397.37	2.61	0	D	77.1	7.2	24.7	0.0	0.0	0.0	45.2
2362	17645438.36	4846340.04	2.61	0	D	77.1	5.9	26.5	0.0	0.0	0.0	44.7

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2041	17645077.02	4846245.31	2.30	0	D	71.5	5.0	20.0	0.0	0.1	0.0	46.4
2043	17645163.06	4846270.83	2.30	0	D	71.5	5.0	16.2	0.0	0.0	0.0	50.3
2045	17645234.00	4846291.88	2.30	0	D	71.5	5.0	38.8	0.0	0.0	0.0	27.7
2062	17645077.02	4846245.31	4.44	0	D	78.6	5.0	20.0	0.0	0.0	0.0	53.6
2064	17645163.06	4846270.83	4.44	0	D	78.6	5.0	16.2	0.0	0.0	0.0	57.5
2066	17645234.00	4846291.88	4.44	0	D	78.6	5.0	38.8	0.0	0.0	0.0	34.9
2073	17645077.02	4846245.31	2.61	0	D	77.1	5.0	20.0	0.0	0.0	0.0	52.1
2075	17645163.06	4846270.83	2.61	0	D	77.1	5.0	16.2	0.0	0.0	0.0	55.9
2078	17645234.00	4846291.88	2.61	0	D	77.1	5.0	38.8	0.0	0.0	0.0	33.3
2173	17645263.45	4846300.11	2.30	0	D	71.5	4.4	23.4	0.0	0.0	0.0	43.7
2197	17645263.45	4846300.11	4.44	0	D	78.6	4.4	23.4	0.0	0.0	0.0	50.9
2210	17645263.45	4846300.11	2.61	0	D	77.1	4.4	23.4	0.0	0.0	0.0	49.3
2220	17645353.81	4846325.09	2.30	0	D	71.5	5.1	24.3	0.0	0.0	0.0	42.0
2249	17645353.81	4846325.09	4.44	0	D	78.6	5.1	24.3	0.0	0.0	0.0	49.1
2255	17645496.13	4846365.75	2.30	0	D	71.5	4.5	25.9	0.0	0.0	0.0	41.1
2258	17645584.81	4846391.28	2.30	0	D	71.5	5.1	25.4	0.0	0.0	0.0	41.0
2274	17645353.81	4846325.09	2.61	0	D	77.1	5.1	24.3	0.0	0.0	0.0	47.6
2277	17645496.13	4846365.75	4.44	0	D	78.6	4.5	25.9	0.0	0.0	0.0	48.2
2279	17645584.81	4846391.28	4.44	0	D	78.6	5.1	25.4	0.0	0.0	0.0	48.1
2286	17645308.63	4846312.36	2.30	0	D	71.5	3.3	27.9	0.0	0.0	0.0	40.3
2290	17645496.13	4846365.75	2.61	0	D	77.1	4.5	25.9	0.0	0.0	0.0	46.7
2291	17645584.81	4846391.28	2.61	0	D	77.1	5.1	25.4	0.0	0.0	0.0	46.6
2297	17645308.63	4846312.36	4.44	0	D	78.6	3.3	27.9	0.0	0.0	0.0	47.4
2311	17645401.86	4846339.31	2.30	0	D	71.5	5.1	26.9	0.0	0.0	0.0	39.4
2321	17645308.63	4846312.36	2.61	0	D	77.1	3.3	27.9	0.0	0.0	0.0	45.9
2327	17645401.86	4846339.31	4.44	0	D	78.6	5.1	26.9	0.0	0.0	0.0	46.5
2330	17645439.06	4846349.85	2.30	0	D	71.5	3.7	29.2	0.0	0.0	0.0	38.5
2341	17645401.86	4846339.31	2.61	0	D	77.1	5.1	26.9	0.0	0.0	0.0	45.0
2349	17645439.06	4846349.85	4.44	0	D	78.6	3.7	29.3	0.0	0.0	0.0	45.6
2365	17645439.06	4846349.85	2.61	0	D	77.1	3.7	29.3	0.0	0.0	0.0	44.1
2526	17645646.31	4846409.31	2.30	0	D	71.5	5.5	31.9	0.0	0.0	0.0	34.1

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2533	17645646.31	4846409.31	4.44	0	D	78.6	5.5	31.9	0.0	0.0	0.0	41.2
2539	17645646.31	4846409.31	2.61	0	D	77.1	5.5	31.9	0.0	0.0	0.0	39.7

Receiver
Name: RP02
ID: RP02
X: 17644852.15 m
Y: 4846232.21 m
Z: 29.75 m

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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	17644885.30	4846187.23	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	46.9	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	35.7

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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	17644889.29	4846172.32	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	48.6	0.1	-3.0	0.0	0.0	0.0	0.0	0.0	34.0

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
29	17645195.74	4846281.37	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	61.8	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.2

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
39	17645199.16	4846264.09	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	61.9	0.7	-3.0	0.0	0.0	0.0	0.0	0.0	20.1

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
111	17644773.11	4846202.34	0.10	0	D	50	25.3	-17.0	0.0	-6.0	0.0	0.0	14.3
111	17644773.11	4846202.34	0.10	0	D	63	33.6	-17.0	0.0	-6.0	0.0	0.0	22.5
111	17644773.11	4846202.34	0.10	0	D	80	38.0	-17.0	0.0	-6.0	0.0	0.0	26.9
111	17644773.11	4846202.34	0.10	0	D	100	39.9	-17.0	0.0	-6.0	0.0	0.0	28.8
111	17644773.11	4846202.34	0.10	0	D	125	40.8	-17.0	0.0	-5.9	0.0	0.0	29.7
111	17644773.11	4846202.34	0.10	0	D	160	41.6	-17.0	0.0	-5.9	0.0	0.0	30.5
111	17644773.11	4846202.34	0.10	0	D	200	42.5	-17.0	0.0	-5.9	0.0	0.0	31.3
111	17644773.11	4846202.34	0.10	0	D	250	43.7	-17.0	0.0	-5.8	0.0	0.0	32.4
111	17644773.11	4846202.34	0.10	0	D	315	45.3	-17.0	0.0	-5.7	0.0	0.0	33.9
111	17644773.11	4846202.34	0.10	0	D	400	47.2	-17.0	0.0	-5.5	0.0	0.0	35.7
111	17644773.11	4846202.34	0.10	0	D	500	49.0	-17.0	0.0	-5.3	0.0	0.0	37.3
111	17644773.11	4846202.34	0.10	0	D	630	49.7	-17.0	0.0	-5.0	0.0	0.0	37.7
111	17644773.11	4846202.34	0.10	0	D	800	52.0	-17.0	0.0	-4.5	0.0	0.0	39.5
111	17644773.11	4846202.34	0.10	0	D	1000	52.9	-17.0	0.0	-3.8	0.0	0.0	39.6
111	17644773.11	4846202.34	0.10	0	D	1250	52.8	-17.0	0.0	-2.5	0.0	0.0	38.3
111	17644773.11	4846202.34	0.10	0	D	1600	52.1	-17.0	0.0	-0.0	0.0	0.0	35.0
111	17644773.11	4846202.34	0.10	0	D	2000	51.8	-17.0	0.0	4.7	0.0	0.0	30.1
111	17644773.11	4846202.34	0.10	0	D	3150	48.9	-17.0	0.0	4.9	0.0	0.0	27.0
111	17644773.11	4846202.34	0.10	0	D	4000	47.0	-17.0	0.0	-0.6	0.0	0.0	30.5
111	17644773.11	4846202.34	0.10	0	D	5000	44.7	-17.0	0.0	-1.1	0.0	0.0	28.8
111	17644773.11	4846202.34	0.10	0	D	6300	42.1	-17.0	0.0	-0.6	0.0	0.0	25.7
111	17644773.11	4846202.34	0.10	0	D	8000	39.5	-17.0	0.0	-0.6	0.0	0.0	23.1
111	17644773.11	4846202.34	0.10	0	D	10000	36.8	-17.0	0.0	-0.6	0.0	0.0	20.4
114	17644757.12	4846178.48	0.10	0	D	50	25.3	-19.3	0.0	-6.0	0.0	0.0	12.0
114	17644757.12	4846178.48	0.10	0	D	63	33.6	-19.3	0.0	-6.0	0.0	0.0	20.3
114	17644757.12	4846178.48	0.10	0	D	80	38.0	-19.3	0.0	-6.0	0.0	0.0	24.7
114	17644757.12	4846178.48	0.10	0	D	100	39.9	-19.3	0.0	-6.0	0.0	0.0	26.6
114	17644757.12	4846178.48	0.10	0	D	125	40.8	-19.3	0.0	-5.9	0.0	0.0	27.5
114	17644757.12	4846178.48	0.10	0	D	160	41.6	-19.3	0.0	-5.9	0.0	0.0	28.2
114	17644757.12	4846178.48	0.10	0	D	200	42.5	-19.3	0.0	-5.9	0.0	0.0	29.1
114	17644757.12	4846178.48	0.10	0	D	250	43.7	-19.3	0.0	-5.8	0.0	0.0	30.2
114	17644757.12	4846178.48	0.10	0	D	315	45.3	-19.3	0.0	-5.7	0.0	0.0	31.7
114	17644757.12	4846178.48	0.10	0	D	400	47.2	-19.3	0.0	-5.6	0.0	0.0	33.5

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
114	17644757.12	4846178.48	0.10	0	D	500	49.0	-19.3	0.0	-5.4	0.0	0.0	35.1
114	17644757.12	4846178.48	0.10	0	D	630	49.7	-19.3	0.0	-5.2	0.0	0.0	35.6
114	17644757.12	4846178.48	0.10	0	D	800	52.0	-19.3	0.0	-4.8	0.0	0.0	37.6
114	17644757.12	4846178.48	0.10	0	D	1000	52.9	-19.3	0.0	-4.3	0.0	0.0	37.9
114	17644757.12	4846178.48	0.10	0	D	1250	52.8	-19.3	0.0	-3.5	0.0	0.0	37.0
114	17644757.12	4846178.48	0.10	0	D	1600	52.1	-19.3	0.0	-1.9	0.0	0.0	34.7
114	17644757.12	4846178.48	0.10	0	D	2000	51.8	-19.3	0.0	0.6	0.0	0.0	32.0
114	17644757.12	4846178.48	0.10	0	D	2500	50.3	-19.3	0.0	5.6	0.0	0.0	25.4
114	17644757.12	4846178.48	0.10	0	D	4000	47.0	-19.3	0.0	6.2	0.0	0.0	21.5
114	17644757.12	4846178.48	0.10	0	D	5000	44.7	-19.3	0.0	2.3	0.0	0.0	23.1
114	17644757.12	4846178.48	0.10	0	D	6300	42.1	-19.3	0.0	2.3	0.0	0.0	20.6
114	17644757.12	4846178.48	0.10	0	D	8000	39.5	-19.3	0.0	2.3	0.0	0.0	18.0
114	17644757.12	4846178.48	0.10	0	D	10000	36.8	-19.3	0.0	2.3	0.0	0.0	15.3
116	17644733.13	4846142.70	0.10	0	D	50	25.3	-18.9	0.0	-6.0	0.0	0.0	12.4
116	17644733.13	4846142.70	0.10	0	D	63	33.6	-18.9	0.0	-6.0	0.0	0.0	20.7
116	17644733.13	4846142.70	0.10	0	D	80	38.0	-18.9	0.0	-6.0	0.0	0.0	25.0
116	17644733.13	4846142.70	0.10	0	D	100	39.9	-18.9	0.0	-6.0	0.0	0.0	27.0
116	17644733.13	4846142.70	0.10	0	D	125	40.8	-18.9	0.0	-5.9	0.0	0.0	27.9
116	17644733.13	4846142.70	0.10	0	D	160	41.6	-18.9	0.0	-5.9	0.0	0.0	28.6
116	17644733.13	4846142.70	0.10	0	D	200	42.5	-18.9	0.0	-5.8	0.0	0.0	29.4
116	17644733.13	4846142.70	0.10	0	D	250	43.7	-18.9	0.0	-5.7	0.0	0.0	30.6
116	17644733.13	4846142.70	0.10	0	D	315	45.3	-18.9	0.0	-5.7	0.0	0.0	32.1
116	17644733.13	4846142.70	0.10	0	D	400	47.2	-18.9	0.0	-5.6	0.0	0.0	33.9
116	17644733.13	4846142.70	0.10	0	D	500	49.0	-18.9	0.0	-5.4	0.0	0.0	35.6
116	17644733.13	4846142.70	0.10	0	D	630	49.7	-18.9	0.0	-5.3	0.0	0.0	36.1
116	17644733.13	4846142.70	0.10	0	D	800	52.0	-18.9	0.0	-5.0	0.0	0.0	38.1
116	17644733.13	4846142.70	0.10	0	D	1000	52.9	-18.9	0.0	-4.6	0.0	0.0	38.6
116	17644733.13	4846142.70	0.10	0	D	1250	52.8	-18.9	0.0	-4.0	0.0	0.0	38.0
116	17644733.13	4846142.70	0.10	0	D	1600	52.1	-18.9	0.0	-3.0	0.0	0.0	36.2
116	17644733.13	4846142.70	0.10	0	D	2000	51.8	-18.9	0.0	-1.4	0.0	0.0	34.4
116	17644733.13	4846142.70	0.10	0	D	2500	50.3	-18.9	0.0	1.2	0.0	0.0	30.2
116	17644733.13	4846142.70	0.10	0	D	3150	48.9	-18.9	0.0	6.2	0.0	0.0	23.8
116	17644733.13	4846142.70	0.10	0	D	5000	44.7	-18.9	0.0	12.4	0.0	0.0	13.4
116	17644733.13	4846142.70	0.10	0	D	6300	42.1	-18.9	0.0	12.4	0.0	0.0	10.9
119	17644685.15	4846071.13	0.10	0	D	50	25.3	-19.6	0.0	-6.0	0.0	0.0	11.7
119	17644685.15	4846071.13	0.10	0	D	63	33.6	-19.6	0.0	-6.0	0.0	0.0	19.9
119	17644685.15	4846071.13	0.10	0	D	80	38.0	-19.6	0.0	-5.9	0.0	0.0	24.3
119	17644685.15	4846071.13	0.10	0	D	100	39.9	-19.6	0.0	-5.9	0.0	0.0	26.2
119	17644685.15	4846071.13	0.10	0	D	125	40.8	-19.6	0.0	-5.9	0.0	0.0	27.1
119	17644685.15	4846071.13	0.10	0	D	160	41.6	-19.6	0.0	-5.8	0.0	0.0	27.9
119	17644685.15	4846071.13	0.10	0	D	200	42.5	-19.6	0.0	-5.8	0.0	0.0	28.7
119	17644685.15	4846071.13	0.10	0	D	250	43.7	-19.6	0.0	-5.6	0.0	0.0	29.7
119	17644685.15	4846071.13	0.10	0	D	315	45.3	-19.6	0.0	-5.6	0.0	0.0	31.3
119	17644685.15	4846071.13	0.10	0	D	400	47.2	-19.6	0.0	-5.4	0.0	0.0	33.0
119	17644685.15	4846071.13	0.10	0	D	500	49.0	-19.6	0.0	-5.3	0.0	0.0	34.7
119	17644685.15	4846071.13	0.10	0	D	630	49.7	-19.6	0.0	-5.1	0.0	0.0	35.2
119	17644685.15	4846071.13	0.10	0	D	800	52.0	-19.6	0.0	-4.9	0.0	0.0	37.3
119	17644685.15	4846071.13	0.10	0	D	1000	52.9	-19.6	0.0	-4.5	0.0	0.0	37.8
119	17644685.15	4846071.13	0.10	0	D	1250	52.8	-19.6	0.0	-4.0	0.0	0.0	37.2
119	17644685.15	4846071.13	0.10	0	D	1600	52.1	-19.6	0.0	-3.2	0.0	0.0	35.6
119	17644685.15	4846071.13	0.10	0	D	2000	51.8	-19.6	0.0	-1.9	0.0	0.0	34.2
119	17644685.15	4846071.13	0.10	0	D	2500	50.3	-19.6	0.0	-0.0	0.0	0.0	30.7
119	17644685.15	4846071.13	0.10	0	D	3150	48.9	-19.6	0.0	3.1	0.0	0.0	26.2
119	17644685.15	4846071.13	0.10	0	D	4000	47.0	-19.6	0.0	8.5	0.0	0.0	18.9
119	17644685.15	4846071.13	0.10	0	D	6300	42.1	-19.6	0.0	8.5	0.0	0.0	14.1
119	17644685.15	4846071.13	0.10	0	D	8000	39.5	-19.6	0.0	8.5	0.0	0.0	11.5
208	17644773.11	4846202.34	1.52	0	D	63	29.7	-17.0	0.0	-4.9	0.0	0.0	17.5
208	17644773.11	4846202.34	1.52	0	D	80	34.1	-17.0	0.0	-4.8	0.0	0.0	21.8
208	17644773.11	4846202.34	1.52	0	D	100	36.2	-17.0	0.0	-4.7	0.0	0.0	23.8
208	17644773.11	4846202.34	1.52	0	D	125	37.4	-17.0	0.0	-4.5	0.0	0.0	24.9
208	17644773.11	4846202.34	1.52	0	D	160	38.6	-17.0	0.0	-4.1	0.0	0.0	25.7
208	17644773.11	4846202.34	1.52	0	D	200	40.2	-17.0	0.0	-3.5	0.0	0.0	26.7
208	17644773.11	4846202.34	1.52	0	D	250	42.4	-17.0	0.0	-2.4	0.0	0.0	27.8

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
208	17644773.11	4846202.34	1.52	0	D	315	45.1	-17.0	0.0	-5.6	0.0	0.0	33.6
208	17644773.11	4846202.34	1.52	0	D	400	48.0	-17.0	0.0	-4.4	0.0	0.0	35.3
208	17644773.11	4846202.34	1.52	0	D	500	51.3	-17.0	0.0	15.0	0.0	0.0	19.3
208	17644773.11	4846202.34	1.52	0	D	630	54.5	-17.0	0.0	-4.7	0.0	0.0	42.1
208	17644773.11	4846202.34	1.52	0	D	800	49.7	-17.0	0.0	1.4	0.0	0.0	31.3
208	17644773.11	4846202.34	1.52	0	D	1000	50.8	-17.0	0.0	-5.4	0.0	0.0	39.1
208	17644773.11	4846202.34	1.52	0	D	1250	47.0	-17.0	0.0	0.2	0.0	0.0	29.8
208	17644773.11	4846202.34	1.52	0	D	1600	47.8	-17.0	0.0	-0.8	0.0	0.0	31.5
208	17644773.11	4846202.34	1.52	0	D	2000	43.8	-17.0	0.0	-4.3	0.0	0.0	31.1
208	17644773.11	4846202.34	1.52	0	D	2500	40.6	-17.0	0.0	2.3	0.0	0.0	21.3
208	17644773.11	4846202.34	1.52	0	D	3150	37.8	-17.0	0.0	-0.5	0.0	0.0	21.3
208	17644773.11	4846202.34	1.52	0	D	4000	34.8	-17.0	0.0	0.1	0.0	0.0	17.7
208	17644773.11	4846202.34	1.52	0	D	5000	32.1	-17.0	0.0	3.6	0.0	0.0	11.4
208	17644773.11	4846202.34	1.52	0	D	6300	29.1	-17.0	0.0	0.1	0.0	0.0	12.0
212	17644757.12	4846178.48	1.52	0	D	63	29.7	-19.3	0.0	-5.1	0.0	0.0	15.5
212	17644757.12	4846178.48	1.52	0	D	80	34.1	-19.3	0.0	-4.9	0.0	0.0	19.8
212	17644757.12	4846178.48	1.52	0	D	100	36.2	-19.3	0.0	-4.7	0.0	0.0	21.6
212	17644757.12	4846178.48	1.52	0	D	125	37.4	-19.3	0.0	-4.2	0.0	0.0	22.4
212	17644757.12	4846178.48	1.52	0	D	160	38.6	-19.3	0.0	-3.3	0.0	0.0	22.7
212	17644757.12	4846178.48	1.52	0	D	200	40.2	-19.3	0.0	-1.5	0.0	0.0	22.4
212	17644757.12	4846178.48	1.52	0	D	250	42.4	-19.3	0.0	5.9	0.0	0.0	17.2
212	17644757.12	4846178.48	1.52	0	D	315	45.1	-19.3	0.0	-2.3	0.0	0.0	28.2
212	17644757.12	4846178.48	1.52	0	D	400	48.0	-19.3	0.0	-5.5	0.0	0.0	34.3
212	17644757.12	4846178.48	1.52	0	D	500	51.3	-19.3	0.0	-4.4	0.0	0.0	36.5
212	17644757.12	4846178.48	1.52	0	D	630	54.5	-19.3	0.0	14.5	0.0	0.0	20.7
212	17644757.12	4846178.48	1.52	0	D	800	49.7	-19.3	0.0	-4.7	0.0	0.0	35.2
212	17644757.12	4846178.48	1.52	0	D	1000	50.8	-19.3	0.0	0.5	0.0	0.0	31.1
212	17644757.12	4846178.48	1.52	0	D	1250	47.0	-19.3	0.0	-4.9	0.0	0.0	32.7
212	17644757.12	4846178.48	1.52	0	D	1600	47.8	-19.3	0.0	-1.4	0.0	0.0	29.9
212	17644757.12	4846178.48	1.52	0	D	2000	43.8	-19.3	0.0	1.7	0.0	0.0	22.9
212	17644757.12	4846178.48	1.52	0	D	2500	40.6	-19.3	0.0	-2.7	0.0	0.0	24.1
212	17644757.12	4846178.48	1.52	0	D	3150	37.8	-19.3	0.0	2.9	0.0	0.0	15.6
212	17644757.12	4846178.48	1.52	0	D	4000	34.8	-19.3	0.0	3.3	0.0	0.0	12.3
216	17644733.13	4846142.70	1.52	0	D	63	29.7	-18.9	0.0	-5.4	0.0	0.0	16.2
216	17644733.13	4846142.70	1.52	0	D	80	34.1	-18.9	0.0	-5.2	0.0	0.0	20.4
216	17644733.13	4846142.70	1.52	0	D	100	36.2	-18.9	0.0	-4.9	0.0	0.0	22.2
216	17644733.13	4846142.70	1.52	0	D	125	37.4	-18.9	0.0	-4.5	0.0	0.0	23.0
216	17644733.13	4846142.70	1.52	0	D	160	38.6	-18.9	0.0	-3.5	0.0	0.0	23.3
216	17644733.13	4846142.70	1.52	0	D	200	40.2	-18.9	0.0	-1.5	0.0	0.0	22.8
216	17644733.13	4846142.70	1.52	0	D	250	42.4	-18.9	0.0	8.2	0.0	0.0	15.3
216	17644733.13	4846142.70	1.52	0	D	315	45.1	-18.9	0.0	10.5	0.0	0.0	15.7
216	17644733.13	4846142.70	1.52	0	D	400	48.0	-18.9	0.0	-0.9	0.0	0.0	30.1
216	17644733.13	4846142.70	1.52	0	D	500	51.3	-18.9	0.0	-4.9	0.0	0.0	37.3
216	17644733.13	4846142.70	1.52	0	D	630	54.5	-18.9	0.0	-5.1	0.0	0.0	40.7
216	17644733.13	4846142.70	1.52	0	D	800	49.7	-18.9	0.0	4.2	0.0	0.0	26.6
216	17644733.13	4846142.70	1.52	0	D	1000	50.8	-18.9	0.0	-2.0	0.0	0.0	33.9
216	17644733.13	4846142.70	1.52	0	D	1250	47.0	-18.9	0.0	-3.7	0.0	0.0	31.8
216	17644733.13	4846142.70	1.52	0	D	1600	47.8	-18.9	0.0	-2.5	0.0	0.0	31.4
216	17644733.13	4846142.70	1.52	0	D	2500	40.6	-18.9	0.0	3.2	0.0	0.0	18.6
216	17644733.13	4846142.70	1.52	0	D	4000	34.8	-18.9	0.0	-0.4	0.0	0.0	16.3
216	17644733.13	4846142.70	1.52	0	D	6300	29.1	-18.9	0.0	-0.4	0.0	0.0	10.6
220	17644685.15	4846071.13	1.52	0	D	63	29.7	-19.6	0.0	-5.7	0.0	0.0	15.8
220	17644685.15	4846071.13	1.52	0	D	80	34.1	-19.6	0.0	-5.5	0.0	0.0	20.0
220	17644685.15	4846071.13	1.52	0	D	100	36.2	-19.6	0.0	-5.4	0.0	0.0	22.0
220	17644685.15	4846071.13	1.52	0	D	125	37.4	-19.6	0.0	-5.1	0.0	0.0	22.9
220	17644685.15	4846071.13	1.52	0	D	160	38.6	-19.6	0.0	-4.5	0.0	0.0	23.6
220	17644685.15	4846071.13	1.52	0	D	200	40.2	-19.6	0.0	-3.6	0.0	0.0	24.2
220	17644685.15	4846071.13	1.52	0	D	250	42.4	-19.6	0.0	-1.6	0.0	0.0	24.4
220	17644685.15	4846071.13	1.52	0	D	315	45.1	-19.6	0.0	1.8	0.0	0.0	23.7
220	17644685.15	4846071.13	1.52	0	D	400	48.0	-19.6	0.0	11.8	0.0	0.0	16.6
220	17644685.15	4846071.13	1.52	0	D	500	51.3	-19.6	0.0	7.8	0.0	0.0	24.0
220	17644685.15	4846071.13	1.52	0	D	630	54.5	-19.6	0.0	-1.3	0.0	0.0	36.1
220	17644685.15	4846071.13	1.52	0	D	800	49.7	-19.6	0.0	-4.7	0.0	0.0	34.9

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
220	17644685.15	4846071.13	1.52	0	D	1000	50.8	-19.6	0.0	-4.0	0.0	0.0	35.2
220	17644685.15	4846071.13	1.52	0	D	1250	47.0	-19.6	0.0	7.6	0.0	0.0	19.8
220	17644685.15	4846071.13	1.52	0	D	1600	47.8	-19.6	0.0	-2.5	0.0	0.0	30.7
220	17644685.15	4846071.13	1.52	0	D	2000	43.8	-19.6	0.0	0.3	0.0	0.0	23.9
220	17644685.15	4846071.13	1.52	0	D	2500	40.6	-19.6	0.0	-1.0	0.0	0.0	22.0
890	17644733.13	4846142.70	3.66	0	D	250	23.6	-18.9	0.0	-5.7	0.0	0.0	10.4

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1357	17645034.01	4846232.61	4.44	0	D	84.6	5.7	15.1	0.0	0.0	0.0	63.7
1358	17644980.67	4846216.82	4.44	0	D	84.6	5.7	12.2	0.0	0.0	0.0	66.7
1359	17644935.55	4846203.47	4.44	0	D	84.6	5.7	10.7	0.0	0.0	0.0	68.1
1360	17644907.89	4846195.28	4.44	0	D	84.6	5.7	11.6	0.0	0.0	0.0	67.2
1361	17644889.45	4846189.82	4.44	0	D	84.6	5.7	10.4	0.0	0.0	0.0	68.5
1363	17644871.01	4846184.37	4.44	0	D	84.6	5.7	9.8	0.0	0.0	0.0	69.1
1364	17644852.57	4846178.91	4.44	0	D	84.6	5.7	10.0	0.0	0.0	0.0	68.9
1365	17644834.13	4846173.45	4.44	0	D	84.6	5.7	11.0	0.0	0.0	0.0	67.9
1367	17644815.69	4846167.99	4.44	0	D	84.6	5.7	12.4	0.0	0.0	0.0	66.5
1386	17645034.01	4846232.61	2.30	0	D	71.5	5.8	15.1	0.0	0.0	0.0	50.6
1387	17644980.67	4846216.82	2.30	0	D	71.5	5.8	12.2	0.0	0.0	0.0	53.5
1390	17644935.55	4846203.47	2.30	0	D	71.5	5.8	10.7	0.0	0.0	0.0	55.0
1392	17644907.89	4846195.28	2.30	0	D	71.5	5.8	11.7	0.0	0.0	0.0	54.0
1394	17644889.45	4846189.82	2.30	0	D	71.5	5.8	10.5	0.0	0.0	0.0	55.2
1397	17644871.01	4846184.37	2.30	0	D	71.5	5.8	9.8	0.0	0.0	0.0	55.8
1399	17644852.57	4846178.91	2.30	0	D	71.5	5.8	10.1	0.0	0.0	0.0	55.6
1401	17644834.13	4846173.45	2.30	0	D	71.5	5.8	11.0	0.0	0.0	0.0	54.6
1403	17644815.69	4846167.99	2.30	0	D	71.5	5.8	12.4	0.0	0.0	0.0	53.3
1444	17644804.65	4846164.73	4.44	0	D	84.6	5.8	20.3	0.0	0.0	0.0	58.5
1446	17644785.57	4846159.17	4.44	0	D	84.6	5.8	11.9	0.0	0.0	0.0	66.9
1448	17644751.06	4846149.12	4.44	0	D	84.6	5.8	14.3	0.0	0.0	0.0	64.6
1450	17644699.29	4846134.03	4.44	0	D	84.6	5.8	13.9	0.0	0.0	0.0	64.9
1452	17645034.01	4846232.61	2.61	0	D	77.1	5.8	15.1	0.0	0.0	0.0	56.2
1455	17644980.67	4846216.82	2.61	0	D	77.1	5.8	12.2	0.0	0.0	0.0	59.1
1457	17644935.55	4846203.47	2.61	0	D	77.1	5.8	10.7	0.0	0.0	0.0	60.6
1459	17644907.89	4846195.28	2.61	0	D	77.1	5.8	11.7	0.0	0.0	0.0	59.6
1461	17644889.45	4846189.82	2.61	0	D	77.1	5.8	10.5	0.0	0.0	0.0	60.8
1463	17644871.01	4846184.37	2.61	0	D	77.1	5.8	9.8	0.0	0.0	0.0	61.5
1465	17644852.57	4846178.91	2.61	0	D	77.1	5.8	10.1	0.0	0.0	0.0	61.2
1467	17644834.13	4846173.45	2.61	0	D	77.1	5.8	11.0	0.0	0.0	0.0	60.2
1468	17644815.69	4846167.99	2.61	0	D	77.1	5.8	12.4	0.0	0.0	0.0	58.9
1508	17644804.65	4846164.73	2.30	0	D	71.5	5.8	20.3	0.0	0.0	0.0	45.3
1509	17644785.57	4846159.17	2.30	0	D	71.5	5.8	11.9	0.0	0.0	0.0	53.7
1511	17644751.06	4846149.12	2.30	0	D	71.5	5.8	14.2	0.0	0.0	0.0	51.4
1512	17644699.29	4846134.03	2.30	0	D	71.5	5.8	13.9	0.0	0.0	0.0	51.8
1520	17644804.65	4846164.73	2.61	0	D	77.1	5.8	20.3	0.0	0.0	0.0	51.0
1521	17644785.57	4846159.17	2.61	0	D	77.1	5.8	11.9	0.0	0.0	0.0	59.4
1523	17644751.06	4846149.12	2.61	0	D	77.1	5.8	14.2	0.0	0.0	0.0	57.0
1525	17644699.29	4846134.03	2.61	0	D	77.1	5.8	13.9	0.0	0.0	0.0	57.4
1527	17644596.30	4846101.91	4.44	0	D	84.6	5.3	15.1	0.0	0.0	0.0	64.1
1566	17644596.30	4846101.91	2.30	0	D	71.5	5.4	15.1	0.0	0.0	0.0	51.0
1579	17644481.68	4846061.15	4.44	0	D	84.6	3.2	22.1	0.0	0.0	0.0	59.3
1598	17644596.30	4846101.91	2.61	0	D	77.1	5.4	15.1	0.0	0.0	0.0	56.6
1613	17644384.37	4846018.03	4.44	0	D	84.6	2.4	24.4	0.0	0.0	0.0	57.8
1627	17644127.74	4845869.30	4.44	0	D	84.6	7.8	21.3	0.0	0.0	0.0	55.5
1638	17644481.68	4846061.15	2.30	0	D	71.5	3.4	21.9	0.0	0.0	0.0	46.1
1642	17644302.65	4845976.62	4.44	0	D	84.6	5.2	25.1	0.0	0.0	0.0	54.3
1659	17644384.37	4846018.03	2.30	0	D	71.5	2.7	24.0	0.0	0.0	0.0	44.7
1672	17644481.68	4846061.15	2.61	0	D	77.1	3.4	21.9	0.0	0.0	0.0	51.8
1702	17644251.35	4845947.39	4.44	0	D	84.6	6.3	26.5	0.0	0.0	0.0	51.8
1719	17644384.37	4846018.03	2.61	0	D	77.1	2.7	24.1	0.0	0.0	0.0	50.3
1740	17644127.74	4845869.30	2.30	0	D	71.5	7.8	21.3	0.0	0.0	0.0	42.3
1746	17644213.57	4845924.43	4.44	0	D	84.6	7.4	26.7	0.0	0.0	0.0	50.5

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1774	17644035.27	4845810.38	4.44	0	D	84.6	6.7	28.2	0.0	0.0	0.0	49.6
1784	17644302.65	4845976.62	2.30	0	D	71.5	5.3	25.1	0.0	0.0	0.0	41.1
1800	17644127.74	4845869.30	2.61	0	D	77.1	7.8	21.3	0.0	0.0	0.0	48.0
1861	17644302.65	4845976.62	2.61	0	D	77.1	5.3	25.1	0.0	0.0	0.0	46.7
1883	17644251.35	4845947.39	2.30	0	D	71.5	6.4	26.4	0.0	0.0	0.0	38.7
1914	17644213.57	4845924.43	2.30	0	D	71.5	7.4	26.7	0.0	0.0	0.0	37.4
1927	17644251.35	4845947.39	2.61	0	D	77.1	6.4	26.4	0.0	0.0	0.0	44.3
1934	17644035.27	4845810.38	2.30	0	D	71.5	6.8	28.2	0.0	0.0	0.0	36.5
1941	17644213.57	4845924.43	2.61	0	D	77.1	7.4	26.7	0.0	0.0	0.0	43.0
1943	17644035.27	4845810.38	2.61	0	D	77.1	6.8	28.2	0.0	0.0	0.0	42.1

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1368	17644698.13	4846128.83	4.44	0	D	78.6	6.0	14.0	0.0	0.0	0.0	58.6
1369	17644748.38	4846143.62	4.44	0	D	78.6	6.0	14.5	0.0	0.0	0.0	58.1
1370	17644781.88	4846153.48	4.44	0	D	78.6	6.0	12.3	0.0	0.0	0.0	60.3
1371	17644812.64	4846162.53	4.44	0	D	78.6	6.0	10.9	0.0	0.0	0.0	61.7
1372	17644840.68	4846170.78	4.44	0	D	78.6	6.0	9.0	0.0	0.0	0.0	63.5
1373	17644868.71	4846179.03	4.44	0	D	78.6	6.0	8.3	0.0	0.0	0.0	64.3
1374	17644896.74	4846187.28	4.44	0	D	78.6	6.0	9.1	0.0	0.0	0.0	63.5
1375	17644698.13	4846128.83	2.30	0	D	71.6	6.1	13.9	0.0	0.0	0.0	51.5
1376	17644748.38	4846143.62	2.30	0	D	71.6	6.1	14.4	0.0	0.0	0.0	51.0
1378	17644781.88	4846153.48	2.30	0	D	71.6	6.1	12.3	0.0	0.0	0.0	53.2
1379	17644812.64	4846162.53	2.30	0	D	71.6	6.1	10.9	0.0	0.0	0.0	54.6
1380	17644840.68	4846170.78	2.30	0	D	71.6	6.1	9.1	0.0	0.0	0.0	56.4
1381	17644868.71	4846179.03	2.30	0	D	71.6	6.1	8.3	0.0	0.0	0.0	57.1
1383	17644896.74	4846187.28	2.30	0	D	71.6	6.1	9.2	0.0	0.0	0.0	56.3
1490	17644923.97	4846195.24	4.44	0	D	78.6	6.0	11.2	0.0	0.0	0.0	61.4
1494	17644950.40	4846202.90	4.44	0	D	78.6	6.0	13.2	0.0	0.0	0.0	59.4
1496	17644987.64	4846213.70	4.44	0	D	78.6	6.0	12.9	0.0	0.0	0.0	59.7
1497	17645035.70	4846227.63	4.44	0	D	78.6	6.0	15.4	0.0	0.0	0.0	57.2
1499	17644923.97	4846195.24	2.30	0	D	71.6	6.1	11.2	0.0	0.0	0.0	54.2
1502	17644950.40	4846202.90	2.30	0	D	71.6	6.1	13.1	0.0	0.0	0.0	52.3
1504	17644987.64	4846213.70	2.30	0	D	71.6	6.1	12.8	0.0	0.0	0.0	52.6
1506	17645035.70	4846227.63	2.30	0	D	71.6	6.1	15.4	0.0	0.0	0.0	50.1
1528	17644698.13	4846128.83	2.61	0	D	71.1	6.1	13.9	0.0	0.0	0.0	51.0
1530	17644748.38	4846143.62	2.61	0	D	71.1	6.1	14.4	0.0	0.0	0.0	50.5
1531	17644781.88	4846153.48	2.61	0	D	71.1	6.1	12.3	0.0	0.0	0.0	52.7
1532	17644812.64	4846162.53	2.61	0	D	71.1	6.1	10.9	0.0	0.0	0.0	54.1
1533	17644840.68	4846170.78	2.61	0	D	71.1	6.1	9.1	0.0	0.0	0.0	55.9
1535	17644868.71	4846179.03	2.61	0	D	71.1	6.1	8.3	0.0	0.0	0.0	56.7
1536	17644896.74	4846187.28	2.61	0	D	71.1	6.1	9.2	0.0	0.0	0.0	55.8
1542	17645080.35	4846240.58	4.44	0	D	78.6	6.0	18.0	0.0	0.0	0.0	54.6
1545	17645143.14	4846258.79	4.44	0	D	78.6	6.0	16.9	0.0	0.0	0.0	55.7
1548	17644596.82	4846097.28	4.44	0	D	78.6	5.7	14.9	0.0	0.0	0.0	58.0
1554	17645080.35	4846240.58	2.30	0	D	71.6	6.1	17.9	0.0	0.0	0.0	47.6
1555	17645143.14	4846258.79	2.30	0	D	71.6	6.1	16.9	0.0	0.0	0.0	48.6
1556	17644596.82	4846097.28	2.30	0	D	71.6	5.8	14.8	0.0	0.0	0.0	51.0
1582	17644923.97	4846195.24	2.61	0	D	71.1	6.1	11.2	0.0	0.0	0.0	53.7
1584	17644950.40	4846202.90	2.61	0	D	71.1	6.1	13.1	0.0	0.0	0.0	51.9
1586	17644987.64	4846213.70	2.61	0	D	71.1	6.1	12.9	0.0	0.0	0.0	52.1
1588	17645035.70	4846227.63	2.61	0	D	71.1	6.1	15.4	0.0	0.0	0.0	49.6
1590	17645256.12	4846291.34	4.44	0	D	78.6	6.0	23.2	0.0	0.0	0.0	49.4
1593	17645366.97	4846323.35	4.44	0	D	78.6	6.0	18.6	0.0	0.0	0.0	54.0
1602	17645256.12	4846291.34	2.30	0	D	71.6	6.1	23.1	0.0	0.0	0.0	42.4
1604	17645366.97	4846323.35	2.30	0	D	71.6	6.1	18.5	0.0	0.0	0.0	47.0
1622	17644483.10	4846056.90	4.44	0	D	78.6	3.5	21.8	0.0	0.0	0.0	53.3
1630	17644483.10	4846056.90	2.30	0	D	71.6	3.7	21.6	0.0	0.0	0.0	46.2
1634	17644386.14	4846013.66	4.44	0	D	78.6	2.3	24.5	0.0	0.0	0.0	51.8
1644	17644386.14	4846013.66	2.30	0	D	71.6	2.6	24.2	0.0	0.0	0.0	44.8
1666	17645211.66	4846278.47	4.44	0	D	78.6	6.0	24.4	0.0	0.0	0.0	48.2
1669	17645229.87	4846283.75	4.44	0	D	78.6	6.0	27.5	0.0	0.0	0.0	45.0

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1697	17644141.64	4845873.31	4.44	0	D	78.6	7.6	22.3	0.0	0.0	0.0	48.8
1705	17645211.66	4846278.47	2.30	0	D	71.6	6.1	24.3	0.0	0.0	0.0	41.2
1708	17645229.87	4846283.75	2.30	0	D	71.6	6.1	27.5	0.0	0.0	0.0	38.0
1722	17644304.73	4845972.37	4.44	0	D	78.6	4.6	25.7	0.0	0.0	0.0	48.3
1737	17644141.64	4845873.31	2.30	0	D	71.6	7.6	22.2	0.0	0.0	0.0	41.7
1749	17645571.36	4846383.17	4.44	0	D	78.6	6.4	25.4	0.0	0.0	0.0	46.8
1752	17645608.58	4846394.32	4.44	0	D	78.6	6.4	38.5	0.0	0.0	0.0	33.8
1755	17644304.73	4845972.37	2.30	0	D	71.6	4.8	25.6	0.0	0.0	0.0	41.2
1762	17645080.35	4846240.58	2.61	0	D	71.1	6.1	17.9	0.0	0.0	0.0	47.1
1766	17645143.14	4846258.79	2.61	0	D	71.1	6.1	16.9	0.0	0.0	0.0	48.1
1769	17644596.82	4846097.28	2.61	0	D	71.1	5.8	14.8	0.0	0.0	0.0	50.5
1776	17645483.24	4846357.20	4.44	0	D	78.6	6.4	25.7	0.0	0.0	0.0	46.6
1778	17645192.54	4846273.02	4.44	0	D	78.6	5.8	26.3	0.0	0.0	0.0	46.5
1803	17645571.36	4846383.17	2.30	0	D	71.6	6.5	25.3	0.0	0.0	0.0	39.8
1806	17645608.58	4846394.32	2.30	0	D	71.6	6.5	38.4	0.0	0.0	0.0	26.7
1809	17644253.44	4845943.38	4.44	0	D	78.6	5.9	26.9	0.0	0.0	0.0	45.9
1826	17645483.24	4846357.20	2.30	0	D	71.6	6.4	25.6	0.0	0.0	0.0	39.5
1831	17645192.54	4846273.02	2.30	0	D	71.6	5.8	26.3	0.0	0.0	0.0	39.5
1843	17644253.44	4845943.38	2.30	0	D	71.6	6.0	26.8	0.0	0.0	0.0	38.8
1855	17645635.08	4846402.49	4.44	0	D	78.6	6.8	27.3	0.0	0.0	0.0	44.5
1858	17644215.37	4845920.45	4.44	0	D	78.6	7.0	27.1	0.0	0.0	0.0	44.5
1871	17645256.12	4846291.34	2.61	0	D	71.1	6.1	23.1	0.0	0.0	0.0	41.9
1874	17645366.97	4846323.35	2.61	0	D	71.1	6.1	18.5	0.0	0.0	0.0	46.5
1891	17645635.08	4846402.49	2.30	0	D	71.6	6.8	27.3	0.0	0.0	0.0	37.5
1894	17644215.37	4845920.45	2.30	0	D	71.6	7.0	27.1	0.0	0.0	0.0	37.5
1897	17645522.33	4846368.69	4.44	0	D	78.6	5.8	29.5	0.0	0.0	0.0	43.3
1908	17644067.12	4845825.49	4.44	0	D	78.6	7.2	28.6	0.0	0.0	0.0	42.8
1923	17645522.33	4846368.69	2.30	0	D	71.6	5.8	29.5	0.0	0.0	0.0	36.3
1931	17644067.12	4845825.49	2.30	0	D	71.6	7.3	28.5	0.0	0.0	0.0	35.8
1937	17644483.10	4846056.90	2.61	0	D	71.1	3.7	21.7	0.0	0.0	0.0	45.7
1942	17644386.14	4846013.66	2.61	0	D	71.1	2.6	24.2	0.0	0.0	0.0	44.3
1944	17645667.65	4846412.62	4.44	0	D	78.6	7.2	32.1	0.0	0.0	0.0	39.3
1947	17644042.39	4845809.86	4.44	0	D	78.6	7.1	33.2	0.0	0.0	0.0	38.3
1951	17645667.65	4846412.62	2.30	0	D	71.6	7.2	32.1	0.0	0.0	0.0	32.2
1955	17644022.11	4845796.87	4.44	0	D	78.6	9.2	31.9	0.0	0.0	0.0	37.6
1958	17645211.66	4846278.47	2.61	0	D	71.1	6.1	24.3	0.0	0.0	0.0	40.7
1961	17645229.87	4846283.75	2.61	0	D	71.1	6.1	27.5	0.0	0.0	0.0	37.5
1964	17644042.39	4845809.86	2.30	0	D	71.6	7.1	33.2	0.0	0.0	0.0	31.3
1967	17644141.64	4845873.31	2.61	0	D	71.1	7.6	22.3	0.0	0.0	0.0	41.2
1970	17644022.11	4845796.87	2.30	0	D	71.6	9.2	31.9	0.0	0.0	0.0	30.5
1973	17644304.73	4845972.37	2.61	0	D	71.1	4.7	25.6	0.0	0.0	0.0	40.7
1977	17644031.74	4845803.27	4.44	0	D	78.6	6.0	37.0	0.0	0.0	0.0	35.7
1980	17645571.36	4846383.17	2.61	0	D	71.1	6.5	25.3	0.0	0.0	0.0	39.3
1983	17645608.58	4846394.32	2.61	0	D	71.1	6.5	38.4	0.0	0.0	0.0	26.2
1986	17644031.74	4845803.27	2.30	0	D	71.6	6.1	36.9	0.0	0.0	0.0	28.6
1989	17645483.24	4846357.20	2.61	0	D	71.1	6.4	25.6	0.0	0.0	0.0	39.0
1992	17645192.54	4846273.02	2.61	0	D	71.1	5.8	26.3	0.0	0.0	0.0	39.0
1996	17644253.44	4845943.38	2.61	0	D	71.1	5.9	26.8	0.0	0.0	0.0	38.3
1999	17645635.08	4846402.49	2.61	0	D	71.1	6.8	27.3	0.0	0.0	0.0	37.0
2002	17644215.37	4845920.45	2.61	0	D	71.1	7.0	27.1	0.0	0.0	0.0	37.0
2006	17645522.33	4846368.69	2.61	0	D	71.1	5.8	29.5	0.0	0.0	0.0	35.8
2009	17644067.12	4845825.49	2.61	0	D	71.1	7.3	28.5	0.0	0.0	0.0	35.3
2012	17645667.65	4846412.62	2.61	0	D	71.1	7.2	32.1	0.0	0.0	0.0	31.7
2015	17644042.39	4845809.86	2.61	0	D	71.1	7.1	33.2	0.0	0.0	0.0	30.8
2018	17644022.11	4845796.87	2.61	0	D	71.1	9.2	31.9	0.0	0.0	0.0	30.0
2021	17644031.74	4845803.27	2.61	0	D	71.1	6.1	36.9	0.0	0.0	0.0	28.1

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1405	17645014.75	4846209.33	2.30	0	D	71.5	6.7	13.1	0.0	0.0	0.0	51.7
1407	17644970.78	4846197.17	2.30	0	D	71.5	6.7	13.4	0.0	0.0	0.0	51.4
1409	17644934.54	4846187.15	2.30	0	D	71.5	6.7	9.9	0.0	0.0	0.0	54.9

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1411	17644903.70	4846178.62	2.30	0	D	71.5	6.7	11.2	0.0	0.0	0.0	53.6
1412	17644883.14	4846172.94	2.30	0	D	71.5	6.7	10.4	0.0	0.0	0.0	54.4
1414	17644862.58	4846167.25	2.30	0	D	71.5	6.7	10.3	0.0	0.0	0.0	54.5
1418	17644842.01	4846161.56	2.30	0	D	71.5	6.7	10.9	0.0	0.0	0.0	53.9
1421	17644811.17	4846153.04	2.30	0	D	71.5	6.7	9.5	0.0	0.0	0.0	55.3
1423	17644759.62	4846138.78	2.30	0	D	71.5	6.7	10.8	0.0	0.0	0.0	54.0
1425	17644697.64	4846121.64	2.30	0	D	71.5	6.7	13.9	0.0	0.0	0.0	50.9
1427	17645014.75	4846209.33	4.44	0	D	78.6	6.6	13.1	0.0	0.0	0.0	58.8
1428	17644970.78	4846197.17	4.44	0	D	78.6	6.6	13.4	0.0	0.0	0.0	58.6
1430	17644934.54	4846187.15	4.44	0	D	78.6	6.6	9.9	0.0	0.0	0.0	62.1
1432	17644903.70	4846178.62	4.44	0	D	78.6	6.6	11.1	0.0	0.0	0.0	60.8
1434	17644883.14	4846172.94	4.44	0	D	78.6	6.6	10.3	0.0	0.0	0.0	61.6
1436	17644862.58	4846167.25	4.44	0	D	78.6	6.6	10.2	0.0	0.0	0.0	61.8
1438	17644842.01	4846161.56	4.44	0	D	78.6	6.6	10.8	0.0	0.0	0.0	61.2
1439	17644811.17	4846153.04	4.44	0	D	78.6	6.6	9.5	0.0	0.0	0.0	62.5
1441	17644759.62	4846138.78	4.44	0	D	78.6	6.6	10.8	0.0	0.0	0.0	61.2
1442	17644697.64	4846121.64	4.44	0	D	78.6	6.6	14.0	0.0	0.0	0.0	58.0
1470	17645014.75	4846209.33	2.61	0	D	77.1	6.7	13.1	0.0	0.0	0.0	57.3
1472	17644970.78	4846197.17	2.61	0	D	77.1	6.7	13.4	0.0	0.0	0.0	57.1
1474	17644934.54	4846187.15	2.61	0	D	77.1	6.7	9.9	0.0	0.0	0.0	60.5
1476	17644903.70	4846178.62	2.61	0	D	77.1	6.7	11.2	0.0	0.0	0.0	59.3
1478	17644883.14	4846172.94	2.61	0	D	77.1	6.7	10.4	0.0	0.0	0.0	60.0
1480	17644862.58	4846167.25	2.61	0	D	77.1	6.7	10.3	0.0	0.0	0.0	60.2
1482	17644842.01	4846161.56	2.61	0	D	77.1	6.7	10.9	0.0	0.0	0.0	59.6
1484	17644811.17	4846153.04	2.61	0	D	77.1	6.7	9.5	0.0	0.0	0.0	60.9
1486	17644759.62	4846138.78	2.61	0	D	77.1	6.7	10.8	0.0	0.0	0.0	59.6
1488	17644697.64	4846121.64	2.61	0	D	77.1	6.7	14.0	0.0	0.0	0.0	56.5
1577	17644599.04	4846091.03	2.30	0	D	71.5	6.1	14.5	0.0	0.0	0.0	50.8
1596	17644599.04	4846091.03	4.44	0	D	78.6	6.0	14.6	0.0	0.0	0.0	58.0
1600	17644599.04	4846091.03	2.61	0	D	77.1	6.1	14.5	0.0	0.0	0.0	56.4
1640	17644485.48	4846050.83	2.30	0	D	71.5	4.6	20.8	0.0	0.0	0.0	46.1
1647	17644485.48	4846050.83	4.44	0	D	78.6	4.4	20.9	0.0	0.0	0.0	53.2
1662	17644388.26	4846009.07	2.30	0	D	71.5	2.8	24.0	0.0	0.0	0.0	44.7
1676	17644485.48	4846050.83	2.61	0	D	77.1	4.5	20.8	0.0	0.0	0.0	51.7
1690	17644388.26	4846009.07	4.44	0	D	78.6	2.4	24.4	0.0	0.0	0.0	51.8
1726	17644388.26	4846009.07	2.61	0	D	77.1	2.7	24.1	0.0	0.0	0.0	50.3
1797	17644306.82	4845968.87	2.30	0	D	71.5	4.4	26.0	0.0	0.0	0.0	41.1
1824	17644306.82	4845968.87	4.44	0	D	78.6	4.3	26.1	0.0	0.0	0.0	48.2
1864	17644306.82	4845968.87	2.61	0	D	77.1	4.4	26.0	0.0	0.0	0.0	46.7

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1514	17645096.13	4846233.35	4.44	0	D	84.6	6.9	13.4	0.0	0.0	0.0	64.3
1516	17645168.24	4846255.13	4.44	0	D	84.6	6.9	20.3	0.0	0.0	0.0	57.5
1518	17645211.60	4846268.23	4.44	0	D	84.6	6.9	20.4	0.0	0.0	0.0	57.3
1537	17645096.13	4846233.35	2.30	0	D	71.5	6.9	13.4	0.0	0.0	0.0	51.2
1538	17645168.24	4846255.13	2.30	0	D	71.5	6.9	20.2	0.0	0.0	0.0	44.3
1540	17645211.60	4846268.23	2.30	0	D	71.5	6.9	20.4	0.0	0.0	0.0	44.2
1557	17645096.13	4846233.35	2.61	0	D	77.1	6.9	13.4	0.0	0.0	0.0	56.8
1558	17645168.24	4846255.13	2.61	0	D	77.1	6.9	20.2	0.0	0.0	0.0	49.9
1559	17645211.60	4846268.23	2.61	0	D	77.1	6.9	20.4	0.0	0.0	0.0	49.8
1606	17645315.83	4846301.44	4.44	0	D	84.6	7.1	26.0	0.0	0.0	0.0	51.5
1610	17645372.19	4846319.41	4.44	0	D	84.6	7.1	20.6	0.0	0.0	0.0	56.9
1616	17645256.82	4846282.36	4.44	0	D	84.6	7.3	21.6	0.0	0.0	0.0	55.7
1619	17645291.59	4846293.64	4.44	0	D	84.6	7.3	24.2	0.0	0.0	0.0	53.1
1624	17645524.33	4846365.28	4.44	0	D	84.6	6.4	22.1	0.0	0.0	0.0	56.1
1650	17645315.83	4846301.44	2.30	0	D	71.5	7.2	25.9	0.0	0.0	0.0	38.3
1654	17645372.19	4846319.41	2.30	0	D	71.5	7.2	20.5	0.0	0.0	0.0	43.8
1679	17645256.82	4846282.36	2.30	0	D	71.5	7.3	21.6	0.0	0.0	0.0	42.6
1682	17645291.59	4846293.64	2.30	0	D	71.5	7.3	24.2	0.0	0.0	0.0	40.0
1685	17645615.42	4846392.79	4.44	0	D	84.6	7.6	26.1	0.0	0.0	0.0	50.9
1687	17645654.95	4846405.65	4.44	0	D	84.6	7.6	29.1	0.0	0.0	0.0	47.9

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1694	17645438.36	4846340.04	4.44	0	D	84.6	6.5	25.9	0.0	0.0	0.0	52.2
1711	17645315.83	4846301.44	2.61	0	D	77.1	7.2	26.0	0.0	0.0	0.0	44.0
1713	17645372.19	4846319.41	2.61	0	D	77.1	7.2	20.5	0.0	0.0	0.0	49.4
1716	17645524.33	4846365.28	2.30	0	D	71.5	6.4	22.0	0.0	0.0	0.0	43.0
1732	17645256.82	4846282.36	2.61	0	D	77.1	7.3	21.6	0.0	0.0	0.0	48.2
1734	17645291.59	4846293.64	2.61	0	D	77.1	7.3	24.2	0.0	0.0	0.0	45.6
1772	17645524.33	4846365.28	2.61	0	D	77.1	6.4	22.0	0.0	0.0	0.0	48.6
1846	17645615.42	4846392.79	2.30	0	D	71.5	7.6	26.1	0.0	0.0	0.0	37.8
1849	17645654.95	4846405.65	2.30	0	D	71.5	7.6	29.1	0.0	0.0	0.0	34.8
1877	17645438.36	4846340.04	2.30	0	D	71.5	6.5	25.8	0.0	0.0	0.0	39.1
1903	17645615.42	4846392.79	2.61	0	D	77.1	7.6	26.1	0.0	0.0	0.0	43.4
1906	17645654.95	4846405.65	2.61	0	D	77.1	7.6	29.1	0.0	0.0	0.0	40.4
1917	17645438.36	4846340.04	2.61	0	D	77.1	6.5	25.9	0.0	0.0	0.0	44.7

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1549	17645068.90	4846242.90	2.30	0	D	71.5	5.8	22.1	0.0	0.0	0.0	43.5
1550	17645128.95	4846260.71	2.30	0	D	71.5	5.8	15.7	0.0	0.0	0.0	50.0
1552	17645203.47	4846282.82	2.30	0	D	71.5	5.8	21.7	0.0	0.0	0.0	44.0
1553	17645230.07	4846290.71	2.30	0	D	71.5	5.8	29.2	0.0	0.0	0.0	36.4
1560	17645068.90	4846242.90	4.44	0	D	78.6	5.8	22.2	0.0	0.0	0.0	50.7
1562	17645128.95	4846260.71	4.44	0	D	78.6	5.8	15.8	0.0	0.0	0.0	57.1
1563	17645203.47	4846282.82	4.44	0	D	78.6	5.8	21.8	0.0	0.0	0.0	51.1
1565	17645230.07	4846290.71	4.44	0	D	78.6	5.8	29.3	0.0	0.0	0.0	43.6
1569	17645068.90	4846242.90	2.61	0	D	77.1	5.8	22.1	0.0	0.0	0.0	49.1
1571	17645128.95	4846260.71	2.61	0	D	77.1	5.8	15.7	0.0	0.0	0.0	55.6
1573	17645203.47	4846282.82	2.61	0	D	77.1	5.8	21.7	0.0	0.0	0.0	49.6
1575	17645230.07	4846290.71	2.61	0	D	77.1	5.8	29.2	0.0	0.0	0.0	42.0
1700	17645263.45	4846300.11	2.30	0	D	71.5	5.4	22.4	0.0	0.0	0.0	43.7
1729	17645263.45	4846300.11	4.44	0	D	78.6	5.3	22.5	0.0	0.0	0.0	50.8
1743	17645263.45	4846300.11	2.61	0	D	77.1	5.4	22.4	0.0	0.0	0.0	49.3
1758	17645353.81	4846325.09	2.30	0	D	71.5	5.9	23.6	0.0	0.0	0.0	42.0
1781	17645353.81	4846325.09	4.44	0	D	78.6	5.9	23.6	0.0	0.0	0.0	49.1
1787	17645496.13	4846365.75	2.30	0	D	71.5	5.5	24.9	0.0	0.0	0.0	41.1
1791	17645545.86	4846379.90	2.30	0	D	71.5	5.9	30.8	0.0	0.0	0.0	34.8
1794	17645595.44	4846394.38	2.30	0	D	71.5	5.9	25.8	0.0	0.0	0.0	39.8
1812	17645353.81	4846325.09	2.61	0	D	77.1	5.9	23.6	0.0	0.0	0.0	47.6
1815	17645496.13	4846365.75	4.44	0	D	78.6	5.4	25.0	0.0	0.0	0.0	48.2
1819	17645545.86	4846379.90	4.44	0	D	78.6	5.8	30.9	0.0	0.0	0.0	41.9
1822	17645595.44	4846394.38	4.44	0	D	78.6	5.8	25.8	0.0	0.0	0.0	46.9
1828	17645308.63	4846312.36	2.30	0	D	71.5	4.7	26.5	0.0	0.0	0.0	40.3
1834	17645496.13	4846365.75	2.61	0	D	77.1	5.5	24.9	0.0	0.0	0.0	46.7
1837	17645545.86	4846379.90	2.61	0	D	77.1	5.9	30.8	0.0	0.0	0.0	40.4
1840	17645595.44	4846394.38	2.61	0	D	77.1	5.9	25.8	0.0	0.0	0.0	45.4
1852	17645308.63	4846312.36	4.44	0	D	78.6	4.6	26.6	0.0	0.0	0.0	47.4
1867	17645401.86	4846339.31	2.30	0	D	71.5	5.9	26.1	0.0	0.0	0.0	39.4
1880	17645308.63	4846312.36	2.61	0	D	77.1	4.7	26.5	0.0	0.0	0.0	45.9
1886	17645401.86	4846339.31	4.44	0	D	78.6	5.9	26.2	0.0	0.0	0.0	46.5
1888	17645439.06	4846349.85	2.30	0	D	71.5	5.0	28.0	0.0	0.0	0.0	38.5
1900	17645401.86	4846339.31	2.61	0	D	77.1	5.9	26.1	0.0	0.0	0.0	45.0
1911	17645439.06	4846349.85	4.44	0	D	78.6	4.9	28.1	0.0	0.0	0.0	45.6
1920	17645439.06	4846349.85	2.61	0	D	77.1	5.0	28.0	0.0	0.0	0.0	44.1
1945	17645646.31	4846409.31	2.30	0	D	71.5	6.2	31.2	0.0	0.0	0.0	34.1
1949	17645646.31	4846409.31	4.44	0	D	78.6	6.1	31.3	0.0	0.0	0.0	41.2
1952	17645646.31	4846409.31	2.61	0	D	77.1	6.2	31.2	0.0	0.0	0.0	39.7

Receiver
Name: RP03
ID: RP03
X: 17644891.08 m
Y: 4846315.23 m
Z: 6.30 m

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
28	17645022.40	4846588.09	0.10	0	D	63	33.6	-23.2	0.0	-6.0	0.0	0.0	16.3
28	17645022.40	4846588.09	0.10	0	D	80	38.0	-23.2	0.0	-5.9	0.0	0.0	20.7
28	17645022.40	4846588.09	0.10	0	D	100	39.9	-23.2	0.0	-5.9	0.0	0.0	22.6
28	17645022.40	4846588.09	0.10	0	D	125	40.8	-23.2	0.0	-5.9	0.0	0.0	23.5
28	17645022.40	4846588.09	0.10	0	D	160	41.6	-23.2	0.0	-5.8	0.0	0.0	24.2
28	17645022.40	4846588.09	0.10	0	D	200	42.5	-23.2	0.0	-5.7	0.0	0.0	25.0
28	17645022.40	4846588.09	0.10	0	D	250	43.7	-23.2	0.0	-5.5	0.0	0.0	26.0
28	17645022.40	4846588.09	0.10	0	D	315	45.3	-23.2	0.0	-5.3	0.0	0.0	27.4
28	17645022.40	4846588.09	0.10	0	D	400	47.2	-23.2	0.0	-5.1	0.0	0.0	29.1
28	17645022.40	4846588.09	0.10	0	D	500	49.0	-23.2	0.0	-4.9	0.0	0.0	30.7
28	17645022.40	4846588.09	0.10	0	D	630	49.7	-23.2	0.0	-4.5	0.0	0.0	31.0
28	17645022.40	4846588.09	0.10	0	D	800	52.0	-23.2	0.0	-4.1	0.0	0.0	32.9
28	17645022.40	4846588.09	0.10	0	D	1000	52.9	-23.2	0.0	-3.5	0.0	0.0	33.2
28	17645022.40	4846588.09	0.10	0	D	1250	52.8	-23.2	0.0	-2.7	0.0	0.0	32.3
28	17645022.40	4846588.09	0.10	0	D	1600	52.1	-23.2	0.0	-1.4	0.0	0.0	30.3
28	17645022.40	4846588.09	0.10	0	D	2000	51.8	-23.2	0.0	0.1	0.0	0.0	28.5
28	17645022.40	4846588.09	0.10	0	D	2500	50.3	-23.2	0.0	2.2	0.0	0.0	24.9
28	17645022.40	4846588.09	0.10	0	D	3150	48.9	-23.2	0.0	5.4	0.0	0.0	20.3
28	17645022.40	4846588.09	0.10	0	D	4000	47.0	-23.2	0.0	10.1	0.0	0.0	13.7
31	17644974.89	4846513.25	0.10	0	D	50	25.3	-20.1	0.0	-6.0	0.0	0.0	11.2
31	17644974.89	4846513.25	0.10	0	D	63	33.6	-20.1	0.0	-6.0	0.0	0.0	19.4
31	17644974.89	4846513.25	0.10	0	D	80	38.0	-20.1	0.0	-6.0	0.0	0.0	23.8
31	17644974.89	4846513.25	0.10	0	D	100	39.9	-20.1	0.0	-5.9	0.0	0.0	25.7
31	17644974.89	4846513.25	0.10	0	D	125	40.8	-20.1	0.0	-5.9	0.0	0.0	26.6
31	17644974.89	4846513.25	0.10	0	D	160	41.6	-20.1	0.0	-5.8	0.0	0.0	27.3
31	17644974.89	4846513.25	0.10	0	D	200	42.5	-20.1	0.0	-5.8	0.0	0.0	28.1
31	17644974.89	4846513.25	0.10	0	D	250	43.7	-20.1	0.0	-5.6	0.0	0.0	29.2
31	17644974.89	4846513.25	0.10	0	D	315	45.3	-20.1	0.0	-5.5	0.0	0.0	30.7
31	17644974.89	4846513.25	0.10	0	D	400	47.2	-20.1	0.0	-5.3	0.0	0.0	32.4
31	17644974.89	4846513.25	0.10	0	D	500	49.0	-20.1	0.0	-5.1	0.0	0.0	34.0
31	17644974.89	4846513.25	0.10	0	D	630	49.7	-20.1	0.0	-4.9	0.0	0.0	34.4
31	17644974.89	4846513.25	0.10	0	D	800	52.0	-20.1	0.0	-4.5	0.0	0.0	36.4
31	17644974.89	4846513.25	0.10	0	D	1000	52.9	-20.1	0.0	-4.1	0.0	0.0	36.9
31	17644974.89	4846513.25	0.10	0	D	1250	52.8	-20.1	0.0	-3.5	0.0	0.0	36.2
31	17644974.89	4846513.25	0.10	0	D	1600	52.1	-20.1	0.0	-2.6	0.0	0.0	34.6
31	17644974.89	4846513.25	0.10	0	D	2000	51.8	-20.1	0.0	-1.5	0.0	0.0	33.2
31	17644974.89	4846513.25	0.10	0	D	2500	50.3	-20.1	0.0	0.1	0.0	0.0	30.1
31	17644974.89	4846513.25	0.10	0	D	3150	48.9	-20.1	0.0	2.4	0.0	0.0	26.3
31	17644974.89	4846513.25	0.10	0	D	4000	47.0	-20.1	0.0	5.9	0.0	0.0	20.9
31	17644974.89	4846513.25	0.10	0	D	5000	44.7	-20.1	0.0	10.8	0.0	0.0	13.7
31	17644974.89	4846513.25	0.10	0	D	6300	42.1	-20.1	0.0	5.9	0.0	0.0	16.1
31	17644974.89	4846513.25	0.10	0	D	8000	39.5	-20.1	0.0	5.9	0.0	0.0	13.4
31	17644974.89	4846513.25	0.10	0	D	10000	36.8	-20.1	0.0	5.9	0.0	0.0	10.8
34	17644939.26	4846457.12	0.10	0	D	50	25.3	-20.1	0.0	-6.0	0.0	0.0	11.2
34	17644939.26	4846457.12	0.10	0	D	63	33.6	-20.1	0.0	-6.0	0.0	0.0	19.4
34	17644939.26	4846457.12	0.10	0	D	80	38.0	-20.1	0.0	-6.0	0.0	0.0	23.8
34	17644939.26	4846457.12	0.10	0	D	100	39.9	-20.1	0.0	-6.0	0.0	0.0	25.7
34	17644939.26	4846457.12	0.10	0	D	125	40.8	-20.1	0.0	-5.9	0.0	0.0	26.7
34	17644939.26	4846457.12	0.10	0	D	160	41.6	-20.1	0.0	-5.9	0.0	0.0	27.4
34	17644939.26	4846457.12	0.10	0	D	200	42.5	-20.1	0.0	-5.8	0.0	0.0	28.2
34	17644939.26	4846457.12	0.10	0	D	250	43.7	-20.1	0.0	-5.7	0.0	0.0	29.3
34	17644939.26	4846457.12	0.10	0	D	315	45.3	-20.1	0.0	-5.6	0.0	0.0	30.8

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
34	17644939.26	4846457.12	0.10	0	D	400	47.2	-20.1	0.0	-5.5	0.0	0.0	32.6
34	17644939.26	4846457.12	0.10	0	D	500	49.0	-20.1	0.0	-5.3	0.0	0.0	34.2
34	17644939.26	4846457.12	0.10	0	D	630	49.7	-20.1	0.0	-5.2	0.0	0.0	34.8
34	17644939.26	4846457.12	0.10	0	D	800	52.0	-20.1	0.0	-4.9	0.0	0.0	36.8
34	17644939.26	4846457.12	0.10	0	D	1000	52.9	-20.1	0.0	-4.6	0.0	0.0	37.4
34	17644939.26	4846457.12	0.10	0	D	1250	52.8	-20.1	0.0	-4.2	0.0	0.0	36.9
34	17644939.26	4846457.12	0.10	0	D	1600	52.1	-20.1	0.0	-3.5	0.0	0.0	35.5
34	17644939.26	4846457.12	0.10	0	D	2000	51.8	-20.1	0.0	-2.7	0.0	0.0	34.4
34	17644939.26	4846457.12	0.10	0	D	2500	50.3	-20.1	0.0	-1.5	0.0	0.0	31.7
34	17644939.26	4846457.12	0.10	0	D	3150	48.9	-20.1	0.0	0.3	0.0	0.0	28.5
34	17644939.26	4846457.12	0.10	0	D	4000	47.0	-20.1	0.0	3.0	0.0	0.0	23.9
34	17644939.26	4846457.12	0.10	0	D	5000	44.7	-20.1	0.0	6.7	0.0	0.0	17.8
34	17644939.26	4846457.12	0.10	0	D	6300	42.1	-20.1	0.0	3.0	0.0	0.0	19.1
34	17644939.26	4846457.12	0.10	0	D	8000	39.5	-20.1	0.0	3.0	0.0	0.0	16.5
34	17644939.26	4846457.12	0.10	0	D	10000	36.8	-20.1	0.0	3.0	0.0	0.0	13.8
38	17644915.51	4846419.71	0.10	0	D	50	25.3	-17.1	0.0	-6.0	0.0	0.0	14.2
38	17644915.51	4846419.71	0.10	0	D	63	33.6	-17.1	0.0	-6.0	0.0	0.0	22.4
38	17644915.51	4846419.71	0.10	0	D	80	38.0	-17.1	0.0	-6.0	0.0	0.0	26.8
38	17644915.51	4846419.71	0.10	0	D	100	39.9	-17.1	0.0	-6.0	0.0	0.0	28.7
38	17644915.51	4846419.71	0.10	0	D	125	40.8	-17.1	0.0	-5.9	0.0	0.0	29.6
38	17644915.51	4846419.71	0.10	0	D	160	41.6	-17.1	0.0	-5.9	0.0	0.0	30.4
38	17644915.51	4846419.71	0.10	0	D	200	42.5	-17.1	0.0	-5.9	0.0	0.0	31.2
38	17644915.51	4846419.71	0.10	0	D	250	43.7	-17.1	0.0	-5.8	0.0	0.0	32.3
38	17644915.51	4846419.71	0.10	0	D	315	45.3	-17.1	0.0	-5.7	0.0	0.0	33.9
38	17644915.51	4846419.71	0.10	0	D	400	47.2	-17.1	0.0	-5.6	0.0	0.0	35.7
38	17644915.51	4846419.71	0.10	0	D	500	49.0	-17.1	0.0	-5.5	0.0	0.0	37.3
38	17644915.51	4846419.71	0.10	0	D	630	49.7	-17.1	0.0	-5.3	0.0	0.0	37.9
38	17644915.51	4846419.71	0.10	0	D	800	52.0	-17.1	0.0	-5.2	0.0	0.0	40.0
38	17644915.51	4846419.71	0.10	0	D	1000	52.9	-17.1	0.0	-4.9	0.0	0.0	40.7
38	17644915.51	4846419.71	0.10	0	D	1250	52.8	-17.1	0.0	-4.6	0.0	0.0	40.3
38	17644915.51	4846419.71	0.10	0	D	1600	52.1	-17.1	0.0	-4.1	0.0	0.0	39.0
38	17644915.51	4846419.71	0.10	0	D	2000	51.8	-17.1	0.0	-3.4	0.0	0.0	38.1
38	17644915.51	4846419.71	0.10	0	D	2500	50.3	-17.1	0.0	-2.4	0.0	0.0	35.6
38	17644915.51	4846419.71	0.10	0	D	3150	48.9	-17.1	0.0	-1.0	0.0	0.0	32.7
38	17644915.51	4846419.71	0.10	0	D	4000	47.0	-17.1	0.0	1.3	0.0	0.0	28.6
38	17644915.51	4846419.71	0.10	0	D	5000	44.7	-17.1	0.0	4.5	0.0	0.0	23.0
38	17644915.51	4846419.71	0.10	0	D	6300	42.1	-17.1	0.0	1.3	0.0	0.0	23.7
38	17644915.51	4846419.71	0.10	0	D	8000	39.5	-17.1	0.0	1.3	0.0	0.0	21.1
38	17644915.51	4846419.71	0.10	0	D	10000	36.8	-17.1	0.0	1.3	0.0	0.0	18.4
41	17644897.70	4846391.64	0.10	0	D	50	25.3	-17.3	0.0	-6.0	0.0	0.0	14.0
41	17644897.70	4846391.64	0.10	0	D	63	33.6	-17.3	0.0	-6.0	0.0	0.0	22.2
41	17644897.70	4846391.64	0.10	0	D	80	38.0	-17.3	0.0	-6.0	0.0	0.0	26.6
41	17644897.70	4846391.64	0.10	0	D	100	39.9	-17.3	0.0	-6.0	0.0	0.0	28.5
41	17644897.70	4846391.64	0.10	0	D	125	40.8	-17.3	0.0	-6.0	0.0	0.0	29.5
41	17644897.70	4846391.64	0.10	0	D	160	41.6	-17.3	0.0	-5.9	0.0	0.0	30.2
41	17644897.70	4846391.64	0.10	0	D	200	42.5	-17.3	0.0	-5.9	0.0	0.0	31.0
41	17644897.70	4846391.64	0.10	0	D	250	43.7	-17.3	0.0	-5.8	0.0	0.0	32.2
41	17644897.70	4846391.64	0.10	0	D	315	45.3	-17.3	0.0	-5.8	0.0	0.0	33.7
41	17644897.70	4846391.64	0.10	0	D	400	47.2	-17.3	0.0	-5.7	0.0	0.0	35.6
41	17644897.70	4846391.64	0.10	0	D	500	49.0	-17.3	0.0	-5.6	0.0	0.0	37.3
41	17644897.70	4846391.64	0.10	0	D	630	49.7	-17.3	0.0	-5.5	0.0	0.0	37.9
41	17644897.70	4846391.64	0.10	0	D	800	52.0	-17.3	0.0	-5.3	0.0	0.0	40.0
41	17644897.70	4846391.64	0.10	0	D	1000	52.9	-17.3	0.0	-5.1	0.0	0.0	40.7
41	17644897.70	4846391.64	0.10	0	D	1250	52.8	-17.3	0.0	-4.8	0.0	0.0	40.3
41	17644897.70	4846391.64	0.10	0	D	1600	52.1	-17.3	0.0	-4.4	0.0	0.0	39.1
41	17644897.70	4846391.64	0.10	0	D	2000	51.8	-17.3	0.0	-3.8	0.0	0.0	38.3
41	17644897.70	4846391.64	0.10	0	D	2500	50.3	-17.3	0.0	-2.9	0.0	0.0	35.9
41	17644897.70	4846391.64	0.10	0	D	3150	48.9	-17.3	0.0	-1.6	0.0	0.0	33.1
41	17644897.70	4846391.64	0.10	0	D	4000	47.0	-17.3	0.0	0.6	0.0	0.0	29.0
41	17644897.70	4846391.64	0.10	0	D	5000	44.7	-17.3	0.0	3.9	0.0	0.0	23.4
41	17644897.70	4846391.64	0.10	0	D	6300	42.1	-17.3	0.0	0.6	0.0	0.0	24.2
41	17644897.70	4846391.64	0.10	0	D	8000	39.5	-17.3	0.0	0.6	0.0	0.0	21.6
41	17644897.70	4846391.64	0.10	0	D	10000	36.8	-17.3	0.0	0.6	0.0	0.0	18.9

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
45	17644885.82	4846372.93	0.10	0	D	50	25.3	-14.9	0.0	-6.0	0.0	0.0	16.4
45	17644885.82	4846372.93	0.10	0	D	63	33.6	-14.9	0.0	-6.0	0.0	0.0	24.7
45	17644885.82	4846372.93	0.10	0	D	80	38.0	-14.9	0.0	-6.0	0.0	0.0	29.1
45	17644885.82	4846372.93	0.10	0	D	100	39.9	-14.9	0.0	-6.0	0.0	0.0	31.0
45	17644885.82	4846372.93	0.10	0	D	125	40.8	-14.9	0.0	-6.0	0.0	0.0	31.9
45	17644885.82	4846372.93	0.10	0	D	160	41.6	-14.9	0.0	-5.9	0.0	0.0	32.7
45	17644885.82	4846372.93	0.10	0	D	200	42.5	-14.9	0.0	-5.9	0.0	0.0	33.5
45	17644885.82	4846372.93	0.10	0	D	250	43.7	-14.9	0.0	-5.9	0.0	0.0	34.7
45	17644885.82	4846372.93	0.10	0	D	315	45.3	-14.9	0.0	-5.8	0.0	0.0	36.2
45	17644885.82	4846372.93	0.10	0	D	400	47.2	-14.9	0.0	-5.7	0.0	0.0	38.1
45	17644885.82	4846372.93	0.10	0	D	500	49.0	-14.9	0.0	-5.7	0.0	0.0	39.8
45	17644885.82	4846372.93	0.10	0	D	630	49.7	-14.9	0.0	-5.6	0.0	0.0	40.4
45	17644885.82	4846372.93	0.10	0	D	800	52.0	-14.9	0.0	-5.4	0.0	0.0	42.5
45	17644885.82	4846372.93	0.10	0	D	1000	52.9	-14.9	0.0	-5.2	0.0	0.0	43.2
45	17644885.82	4846372.93	0.10	0	D	1250	52.8	-14.9	0.0	-4.9	0.0	0.0	42.9
45	17644885.82	4846372.93	0.10	0	D	1600	52.1	-14.9	0.0	-4.5	0.0	0.0	41.7
45	17644885.82	4846372.93	0.10	0	D	2000	51.8	-14.9	0.0	-3.9	0.0	0.0	40.8
45	17644885.82	4846372.93	0.10	0	D	2500	50.3	-14.9	0.0	-2.9	0.0	0.0	38.3
45	17644885.82	4846372.93	0.10	0	D	3150	48.9	-14.9	0.0	-1.4	0.0	0.0	35.4
45	17644885.82	4846372.93	0.10	0	D	4000	47.0	-14.9	0.0	1.2	0.0	0.0	30.9
45	17644885.82	4846372.93	0.10	0	D	5000	44.7	-14.9	0.0	5.5	0.0	0.0	24.3
45	17644885.82	4846372.93	0.10	0	D	6300	42.1	-14.9	0.0	1.2	0.0	0.0	26.0
45	17644885.82	4846372.93	0.10	0	D	8000	39.5	-14.9	0.0	1.2	0.0	0.0	23.4
45	17644885.82	4846372.93	0.10	0	D	10000	36.8	-14.9	0.0	1.2	0.0	0.0	20.7
46	17644876.91	4846358.90	0.10	0	D	50	25.3	-15.9	0.0	-6.0	0.0	0.0	15.4
46	17644876.91	4846358.90	0.10	0	D	63	33.6	-15.9	0.0	-6.0	0.0	0.0	23.6
46	17644876.91	4846358.90	0.10	0	D	80	38.0	-15.9	0.0	-6.0	0.0	0.0	28.0
46	17644876.91	4846358.90	0.10	0	D	100	39.9	-15.9	0.0	-6.0	0.0	0.0	29.9
46	17644876.91	4846358.90	0.10	0	D	125	40.8	-15.9	0.0	-6.0	0.0	0.0	30.9
46	17644876.91	4846358.90	0.10	0	D	160	41.6	-15.9	0.0	-5.9	0.0	0.0	31.6
46	17644876.91	4846358.90	0.10	0	D	200	42.5	-15.9	0.0	-5.9	0.0	0.0	32.5
46	17644876.91	4846358.90	0.10	0	D	250	43.7	-15.9	0.0	-5.9	0.0	0.0	33.6
46	17644876.91	4846358.90	0.10	0	D	315	45.3	-15.9	0.0	-5.8	0.0	0.0	35.2
46	17644876.91	4846358.90	0.10	0	D	400	47.2	-15.9	0.0	-5.8	0.0	0.0	37.0
46	17644876.91	4846358.90	0.10	0	D	500	49.0	-15.9	0.0	-5.7	0.0	0.0	38.7
46	17644876.91	4846358.90	0.10	0	D	630	49.7	-15.9	0.0	-5.6	0.0	0.0	39.4
46	17644876.91	4846358.90	0.10	0	D	800	52.0	-15.9	0.0	-5.4	0.0	0.0	41.5
46	17644876.91	4846358.90	0.10	0	D	1000	52.9	-15.9	0.0	-5.2	0.0	0.0	42.2
46	17644876.91	4846358.90	0.10	0	D	1250	52.8	-15.9	0.0	-4.9	0.0	0.0	41.8
46	17644876.91	4846358.90	0.10	0	D	1600	52.1	-15.9	0.0	-4.4	0.0	0.0	40.5
46	17644876.91	4846358.90	0.10	0	D	2000	51.8	-15.9	0.0	-3.7	0.0	0.0	39.6
46	17644876.91	4846358.90	0.10	0	D	2500	50.3	-15.9	0.0	-2.5	0.0	0.0	36.9
46	17644876.91	4846358.90	0.10	0	D	3150	48.9	-15.9	0.0	-0.6	0.0	0.0	33.5
46	17644876.91	4846358.90	0.10	0	D	4000	47.0	-15.9	0.0	3.1	0.0	0.0	28.0
46	17644876.91	4846358.90	0.10	0	D	5000	44.7	-15.9	0.0	10.2	0.0	0.0	18.5
46	17644876.91	4846358.90	0.10	0	D	6300	42.1	-15.9	0.0	3.1	0.0	0.0	23.1
46	17644876.91	4846358.90	0.10	0	D	8000	39.5	-15.9	0.0	3.1	0.0	0.0	20.5
46	17644876.91	4846358.90	0.10	0	D	10000	36.8	-15.9	0.0	3.1	0.0	0.0	17.8
49	17644870.97	4846349.55	0.10	0	D	50	25.3	-14.7	0.0	-6.0	0.0	0.0	16.6
49	17644870.97	4846349.55	0.10	0	D	63	33.6	-14.7	0.0	-6.0	0.0	0.0	24.9
49	17644870.97	4846349.55	0.10	0	D	80	38.0	-14.7	0.0	-6.0	0.0	0.0	29.3
49	17644870.97	4846349.55	0.10	0	D	100	39.9	-14.7	0.0	-6.0	0.0	0.0	31.2
49	17644870.97	4846349.55	0.10	0	D	125	40.8	-14.7	0.0	-6.0	0.0	0.0	32.1
49	17644870.97	4846349.55	0.10	0	D	160	41.6	-14.7	0.0	-6.0	0.0	0.0	32.9
49	17644870.97	4846349.55	0.10	0	D	200	42.5	-14.7	0.0	-5.9	0.0	0.0	33.7
49	17644870.97	4846349.55	0.10	0	D	250	43.7	-14.7	0.0	-5.9	0.0	0.0	34.9
49	17644870.97	4846349.55	0.10	0	D	315	45.3	-14.7	0.0	-5.8	0.0	0.0	36.4
49	17644870.97	4846349.55	0.10	0	D	400	47.2	-14.7	0.0	-5.8	0.0	0.0	38.3
49	17644870.97	4846349.55	0.10	0	D	500	49.0	-14.7	0.0	-5.7	0.0	0.0	40.0
49	17644870.97	4846349.55	0.10	0	D	630	49.7	-14.7	0.0	-5.6	0.0	0.0	40.6
49	17644870.97	4846349.55	0.10	0	D	800	52.0	-14.7	0.0	-5.4	0.0	0.0	42.7
49	17644870.97	4846349.55	0.10	0	D	1000	52.9	-14.7	0.0	-5.2	0.0	0.0	43.4
49	17644870.97	4846349.55	0.10	0	D	1250	52.8	-14.7	0.0	-4.8	0.0	0.0	43.0

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
49	17644870.97	4846349.55	0.10	0	D	1600	52.1	-14.7	0.0	-4.2	0.0	0.0	41.6
49	17644870.97	4846349.55	0.10	0	D	2000	51.8	-14.7	0.0	-3.4	0.0	0.0	40.5
49	17644870.97	4846349.55	0.10	0	D	2500	50.3	-14.7	0.0	-2.0	0.0	0.0	37.6
49	17644870.97	4846349.55	0.10	0	D	3150	48.9	-14.7	0.0	0.4	0.0	0.0	33.7
49	17644870.97	4846349.55	0.10	0	D	4000	47.0	-14.7	0.0	5.5	0.0	0.0	26.8
49	17644870.97	4846349.55	0.10	0	D	5000	44.7	-14.7	0.0	17.1	0.0	0.0	12.9
49	17644870.97	4846349.55	0.10	0	D	6300	42.1	-14.7	0.0	5.5	0.0	0.0	21.9
49	17644870.97	4846349.55	0.10	0	D	8000	39.5	-14.7	0.0	5.5	0.0	0.0	19.3
49	17644870.97	4846349.55	0.10	0	D	10000	36.8	-14.7	0.0	5.5	0.0	0.0	16.6
53	17644865.04	4846340.19	0.10	0	D	50	25.3	-13.9	0.0	-6.0	0.0	0.0	17.4
53	17644865.04	4846340.19	0.10	0	D	63	33.6	-13.9	0.0	-6.0	0.0	0.0	25.7
53	17644865.04	4846340.19	0.10	0	D	80	38.0	-13.9	0.0	-6.0	0.0	0.0	30.1
53	17644865.04	4846340.19	0.10	0	D	100	39.9	-13.9	0.0	-6.0	0.0	0.0	32.0
53	17644865.04	4846340.19	0.10	0	D	125	40.8	-13.9	0.0	-6.0	0.0	0.0	32.9
53	17644865.04	4846340.19	0.10	0	D	160	41.6	-13.9	0.0	-6.0	0.0	0.0	33.7
53	17644865.04	4846340.19	0.10	0	D	200	42.5	-13.9	0.0	-5.9	0.0	0.0	34.5
53	17644865.04	4846340.19	0.10	0	D	250	43.7	-13.9	0.0	-5.9	0.0	0.0	35.7
53	17644865.04	4846340.19	0.10	0	D	315	45.3	-13.9	0.0	-5.8	0.0	0.0	37.3
53	17644865.04	4846340.19	0.10	0	D	400	47.2	-13.9	0.0	-5.8	0.0	0.0	39.1
53	17644865.04	4846340.19	0.10	0	D	500	49.0	-13.9	0.0	-5.7	0.0	0.0	40.8
53	17644865.04	4846340.19	0.10	0	D	630	49.7	-13.9	0.0	-5.6	0.0	0.0	41.4
53	17644865.04	4846340.19	0.10	0	D	800	52.0	-13.9	0.0	-5.4	0.0	0.0	43.5
53	17644865.04	4846340.19	0.10	0	D	1000	52.9	-13.9	0.0	-5.1	0.0	0.0	44.1
53	17644865.04	4846340.19	0.10	0	D	1250	52.8	-13.9	0.0	-4.8	0.0	0.0	43.7
53	17644865.04	4846340.19	0.10	0	D	1600	52.1	-13.9	0.0	-4.1	0.0	0.0	42.3
53	17644865.04	4846340.19	0.10	0	D	2000	51.8	-13.9	0.0	-3.1	0.0	0.0	41.1
53	17644865.04	4846340.19	0.10	0	D	2500	50.3	-13.9	0.0	-1.5	0.0	0.0	37.9
53	17644865.04	4846340.19	0.10	0	D	3150	48.9	-13.9	0.0	1.5	0.0	0.0	33.5
53	17644865.04	4846340.19	0.10	0	D	4000	47.0	-13.9	0.0	8.3	0.0	0.0	24.7
53	17644865.04	4846340.19	0.10	0	D	5000	44.7	-13.9	0.0	14.1	0.0	0.0	16.7
53	17644865.04	4846340.19	0.10	0	D	6300	42.1	-13.9	0.0	8.3	0.0	0.0	19.9
53	17644865.04	4846340.19	0.10	0	D	8000	39.5	-13.9	0.0	8.3	0.0	0.0	17.3
53	17644865.04	4846340.19	0.10	0	D	10000	36.8	-13.9	0.0	8.3	0.0	0.0	14.6
76	17644859.10	4846330.84	0.10	0	D	50	25.3	-13.8	0.0	-6.0	0.0	0.0	17.5
76	17644859.10	4846330.84	0.10	0	D	63	33.6	-13.8	0.0	-6.0	0.0	0.0	25.8
76	17644859.10	4846330.84	0.10	0	D	80	38.0	-13.8	0.0	-6.0	0.0	0.0	30.2
76	17644859.10	4846330.84	0.10	0	D	100	39.9	-13.8	0.0	-6.0	0.0	0.0	32.1
76	17644859.10	4846330.84	0.10	0	D	125	40.8	-13.8	0.0	-6.0	0.0	0.0	33.0
76	17644859.10	4846330.84	0.10	0	D	160	41.6	-13.8	0.0	-6.0	0.0	0.0	33.8
76	17644859.10	4846330.84	0.10	0	D	200	42.5	-13.8	0.0	-5.9	0.0	0.0	34.6
76	17644859.10	4846330.84	0.10	0	D	250	43.7	-13.8	0.0	-5.9	0.0	0.0	35.8
76	17644859.10	4846330.84	0.10	0	D	315	45.3	-13.8	0.0	-5.8	0.0	0.0	37.4
76	17644859.10	4846330.84	0.10	0	D	400	47.2	-13.8	0.0	-5.8	0.0	0.0	39.2
76	17644859.10	4846330.84	0.10	0	D	500	49.0	-13.8	0.0	-5.7	0.0	0.0	40.9
76	17644859.10	4846330.84	0.10	0	D	630	49.7	-13.8	0.0	-5.6	0.0	0.0	41.5
76	17644859.10	4846330.84	0.10	0	D	800	52.0	-13.8	0.0	-5.4	0.0	0.0	43.6
76	17644859.10	4846330.84	0.10	0	D	1000	52.9	-13.8	0.0	-5.1	0.0	0.0	44.3
76	17644859.10	4846330.84	0.10	0	D	1250	52.8	-13.8	0.0	-4.7	0.0	0.0	43.8
76	17644859.10	4846330.84	0.10	0	D	1600	52.1	-13.8	0.0	-4.1	0.0	0.0	42.4
76	17644859.10	4846330.84	0.10	0	D	2000	51.8	-13.8	0.0	-3.1	0.0	0.0	41.1
76	17644859.10	4846330.84	0.10	0	D	2500	50.3	-13.8	0.0	-1.4	0.0	0.0	38.0
76	17644859.10	4846330.84	0.10	0	D	3150	48.9	-13.8	0.0	1.7	0.0	0.0	33.5
76	17644859.10	4846330.84	0.10	0	D	4000	47.0	-13.8	0.0	8.9	0.0	0.0	24.3
76	17644859.10	4846330.84	0.10	0	D	5000	44.7	-13.8	0.0	13.2	0.0	0.0	17.7
76	17644859.10	4846330.84	0.10	0	D	6300	42.1	-13.8	0.0	8.9	0.0	0.0	19.5
76	17644859.10	4846330.84	0.10	0	D	8000	39.5	-13.8	0.0	8.9	0.0	0.0	16.9
76	17644859.10	4846330.84	0.10	0	D	10000	36.8	-13.8	0.0	8.9	0.0	0.0	14.2
80	17644852.96	4846321.43	0.10	0	D	50	25.3	-14.3	0.0	-6.0	0.0	0.0	17.0
80	17644852.96	4846321.43	0.10	0	D	63	33.6	-14.3	0.0	-6.0	0.0	0.0	25.2
80	17644852.96	4846321.43	0.10	0	D	80	38.0	-14.3	0.0	-6.0	0.0	0.0	29.6
80	17644852.96	4846321.43	0.10	0	D	100	39.9	-14.3	0.0	-6.0	0.0	0.0	31.5
80	17644852.96	4846321.43	0.10	0	D	125	40.8	-14.3	0.0	-6.0	0.0	0.0	32.5
80	17644852.96	4846321.43	0.10	0	D	160	41.6	-14.3	0.0	-6.0	0.0	0.0	33.2

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
80	17644852.96	4846321.43	0.10	0	D	200	42.5	-14.3	0.0	-5.9	0.0	0.0	34.1
80	17644852.96	4846321.43	0.10	0	D	250	43.7	-14.3	0.0	-5.9	0.0	0.0	35.2
80	17644852.96	4846321.43	0.10	0	D	315	45.3	-14.3	0.0	-5.8	0.0	0.0	36.8
80	17644852.96	4846321.43	0.10	0	D	400	47.2	-14.3	0.0	-5.8	0.0	0.0	38.6
80	17644852.96	4846321.43	0.10	0	D	500	49.0	-14.3	0.0	-5.7	0.0	0.0	40.4
80	17644852.96	4846321.43	0.10	0	D	630	49.7	-14.3	0.0	-5.6	0.0	0.0	40.9
80	17644852.96	4846321.43	0.10	0	D	800	52.0	-14.3	0.0	-5.4	0.0	0.0	43.1
80	17644852.96	4846321.43	0.10	0	D	1000	52.9	-14.3	0.0	-5.2	0.0	0.0	43.7
80	17644852.96	4846321.43	0.10	0	D	1250	52.8	-14.3	0.0	-4.8	0.0	0.0	43.3
80	17644852.96	4846321.43	0.10	0	D	1600	52.1	-14.3	0.0	-4.2	0.0	0.0	41.9
80	17644852.96	4846321.43	0.10	0	D	2000	51.8	-14.3	0.0	-3.3	0.0	0.0	40.8
80	17644852.96	4846321.43	0.10	0	D	2500	50.3	-14.3	0.0	-1.9	0.0	0.0	37.8
80	17644852.96	4846321.43	0.10	0	D	3150	48.9	-14.3	0.0	0.7	0.0	0.0	33.8
80	17644852.96	4846321.43	0.10	0	D	4000	47.0	-14.3	0.0	6.2	0.0	0.0	26.4
80	17644852.96	4846321.43	0.10	0	D	5000	44.7	-14.3	0.0	17.6	0.0	0.0	12.7
80	17644852.96	4846321.43	0.10	0	D	6300	42.1	-14.3	0.0	6.2	0.0	0.0	21.6
80	17644852.96	4846321.43	0.10	0	D	8000	39.5	-14.3	0.0	6.2	0.0	0.0	19.0
80	17644852.96	4846321.43	0.10	0	D	10000	36.8	-14.3	0.0	6.2	0.0	0.0	16.3
83	17644846.61	4846311.97	0.10	0	D	50	25.3	-15.5	0.0	-6.0	0.0	0.0	15.8
83	17644846.61	4846311.97	0.10	0	D	63	33.6	-15.5	0.0	-6.0	0.0	0.0	24.0
83	17644846.61	4846311.97	0.10	0	D	80	38.0	-15.5	0.0	-6.0	0.0	0.0	28.4
83	17644846.61	4846311.97	0.10	0	D	100	39.9	-15.5	0.0	-6.0	0.0	0.0	30.3
83	17644846.61	4846311.97	0.10	0	D	125	40.8	-15.5	0.0	-6.0	0.0	0.0	31.3
83	17644846.61	4846311.97	0.10	0	D	160	41.6	-15.5	0.0	-5.9	0.0	0.0	32.0
83	17644846.61	4846311.97	0.10	0	D	200	42.5	-15.5	0.0	-5.9	0.0	0.0	32.8
83	17644846.61	4846311.97	0.10	0	D	250	43.7	-15.5	0.0	-5.9	0.0	0.0	34.0
83	17644846.61	4846311.97	0.10	0	D	315	45.3	-15.5	0.0	-5.8	0.0	0.0	35.6
83	17644846.61	4846311.97	0.10	0	D	400	47.2	-15.5	0.0	-5.8	0.0	0.0	37.4
83	17644846.61	4846311.97	0.10	0	D	500	49.0	-15.5	0.0	-5.7	0.0	0.0	39.1
83	17644846.61	4846311.97	0.10	0	D	630	49.7	-15.5	0.0	-5.6	0.0	0.0	39.7
83	17644846.61	4846311.97	0.10	0	D	800	52.0	-15.5	0.0	-5.4	0.0	0.0	41.9
83	17644846.61	4846311.97	0.10	0	D	1000	52.9	-15.5	0.0	-5.2	0.0	0.0	42.5
83	17644846.61	4846311.97	0.10	0	D	1250	52.8	-15.5	0.0	-4.9	0.0	0.0	42.2
83	17644846.61	4846311.97	0.10	0	D	1600	52.1	-15.5	0.0	-4.4	0.0	0.0	40.9
83	17644846.61	4846311.97	0.10	0	D	2000	51.8	-15.5	0.0	-3.6	0.0	0.0	39.9
83	17644846.61	4846311.97	0.10	0	D	2500	50.3	-15.5	0.0	-2.4	0.0	0.0	37.2
83	17644846.61	4846311.97	0.10	0	D	3150	48.9	-15.5	0.0	-0.4	0.0	0.0	33.7
83	17644846.61	4846311.97	0.10	0	D	4000	47.0	-15.5	0.0	3.5	0.0	0.0	27.9
83	17644846.61	4846311.97	0.10	0	D	5000	44.7	-15.5	0.0	11.4	0.0	0.0	17.8
83	17644846.61	4846311.97	0.10	0	D	6300	42.1	-15.5	0.0	3.5	0.0	0.0	23.1
83	17644846.61	4846311.97	0.10	0	D	8000	39.5	-15.5	0.0	3.5	0.0	0.0	20.5
83	17644846.61	4846311.97	0.10	0	D	10000	36.8	-15.5	0.0	3.5	0.0	0.0	17.8
88	17644837.10	4846297.78	0.10	0	D	50	25.3	-14.6	0.0	-6.0	0.0	0.0	16.7
88	17644837.10	4846297.78	0.10	0	D	63	33.6	-14.6	0.0	-6.0	0.0	0.0	25.0
88	17644837.10	4846297.78	0.10	0	D	80	38.0	-14.6	0.0	-6.0	0.0	0.0	29.4
88	17644837.10	4846297.78	0.10	0	D	100	39.9	-14.6	0.0	-6.0	0.0	0.0	31.3
88	17644837.10	4846297.78	0.10	0	D	125	40.8	-14.6	0.0	-6.0	0.0	0.0	32.2
88	17644837.10	4846297.78	0.10	0	D	160	41.6	-14.6	0.0	-5.9	0.0	0.0	33.0
88	17644837.10	4846297.78	0.10	0	D	200	42.5	-14.6	0.0	-5.9	0.0	0.0	33.8
88	17644837.10	4846297.78	0.10	0	D	250	43.7	-14.6	0.0	-5.9	0.0	0.0	35.0
88	17644837.10	4846297.78	0.10	0	D	315	45.3	-14.6	0.0	-5.8	0.0	0.0	36.5
88	17644837.10	4846297.78	0.10	0	D	400	47.2	-14.6	0.0	-5.7	0.0	0.0	38.4
88	17644837.10	4846297.78	0.10	0	D	500	49.0	-14.6	0.0	-5.7	0.0	0.0	40.1
88	17644837.10	4846297.78	0.10	0	D	630	49.7	-14.6	0.0	-5.6	0.0	0.0	40.7
88	17644837.10	4846297.78	0.10	0	D	800	52.0	-14.6	0.0	-5.4	0.0	0.0	42.9
88	17644837.10	4846297.78	0.10	0	D	1000	52.9	-14.6	0.0	-5.2	0.0	0.0	43.5
88	17644837.10	4846297.78	0.10	0	D	1250	52.8	-14.6	0.0	-4.9	0.0	0.0	43.2
88	17644837.10	4846297.78	0.10	0	D	1600	52.1	-14.6	0.0	-4.5	0.0	0.0	42.0
88	17644837.10	4846297.78	0.10	0	D	2000	51.8	-14.6	0.0	-3.8	0.0	0.0	41.1
88	17644837.10	4846297.78	0.10	0	D	2500	50.3	-14.6	0.0	-2.9	0.0	0.0	38.6
88	17644837.10	4846297.78	0.10	0	D	3150	48.9	-14.6	0.0	-1.3	0.0	0.0	35.6
88	17644837.10	4846297.78	0.10	0	D	4000	47.0	-14.6	0.0	1.3	0.0	0.0	31.1
88	17644837.10	4846297.78	0.10	0	D	5000	44.7	-14.6	0.0	5.7	0.0	0.0	24.4

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
88	17644837.10	4846297.78	0.10	0	D	6300	42.1	-14.6	0.0	1.3	0.0	0.0	26.2
88	17644837.10	4846297.78	0.10	0	D	8000	39.5	-14.6	0.0	1.3	0.0	0.0	23.6
88	17644837.10	4846297.78	0.10	0	D	10000	36.8	-14.6	0.0	1.3	0.0	0.0	20.9
91	17644824.41	4846278.86	0.10	0	D	50	25.3	-17.1	0.0	-6.0	0.0	0.0	14.2
91	17644824.41	4846278.86	0.10	0	D	63	33.6	-17.1	0.0	-6.0	0.0	0.0	22.4
91	17644824.41	4846278.86	0.10	0	D	80	38.0	-17.1	0.0	-6.0	0.0	0.0	26.8
91	17644824.41	4846278.86	0.10	0	D	100	39.9	-17.1	0.0	-6.0	0.0	0.0	28.7
91	17644824.41	4846278.86	0.10	0	D	125	40.8	-17.1	0.0	-6.0	0.0	0.0	29.7
91	17644824.41	4846278.86	0.10	0	D	160	41.6	-17.1	0.0	-5.9	0.0	0.0	30.4
91	17644824.41	4846278.86	0.10	0	D	200	42.5	-17.1	0.0	-5.9	0.0	0.0	31.3
91	17644824.41	4846278.86	0.10	0	D	250	43.7	-17.1	0.0	-5.8	0.0	0.0	32.4
91	17644824.41	4846278.86	0.10	0	D	315	45.3	-17.1	0.0	-5.8	0.0	0.0	34.0
91	17644824.41	4846278.86	0.10	0	D	400	47.2	-17.1	0.0	-5.7	0.0	0.0	35.8
91	17644824.41	4846278.86	0.10	0	D	500	49.0	-17.1	0.0	-5.6	0.0	0.0	37.5
91	17644824.41	4846278.86	0.10	0	D	630	49.7	-17.1	0.0	-5.5	0.0	0.0	38.1
91	17644824.41	4846278.86	0.10	0	D	800	52.0	-17.1	0.0	-5.3	0.0	0.0	40.2
91	17644824.41	4846278.86	0.10	0	D	1000	52.9	-17.1	0.0	-5.1	0.0	0.0	40.9
91	17644824.41	4846278.86	0.10	0	D	1250	52.8	-17.1	0.0	-4.8	0.0	0.0	40.6
91	17644824.41	4846278.86	0.10	0	D	1600	52.1	-17.1	0.0	-4.4	0.0	0.0	39.4
91	17644824.41	4846278.86	0.10	0	D	2000	51.8	-17.1	0.0	-3.8	0.0	0.0	38.5
91	17644824.41	4846278.86	0.10	0	D	2500	50.3	-17.1	0.0	-2.9	0.0	0.0	36.1
91	17644824.41	4846278.86	0.10	0	D	3150	48.9	-17.1	0.0	-1.6	0.0	0.0	33.3
91	17644824.41	4846278.86	0.10	0	D	4000	47.0	-17.1	0.0	0.6	0.0	0.0	29.2
91	17644824.41	4846278.86	0.10	0	D	5000	44.7	-17.1	0.0	3.9	0.0	0.0	23.6
91	17644824.41	4846278.86	0.10	0	D	6300	42.1	-17.1	0.0	0.6	0.0	0.0	24.4
91	17644824.41	4846278.86	0.10	0	D	8000	39.5	-17.1	0.0	0.6	0.0	0.0	21.8
91	17644824.41	4846278.86	0.10	0	D	10000	36.8	-17.1	0.0	0.6	0.0	0.0	19.1
95	17644811.73	4846259.94	0.10	0	D	50	25.3	-19.2	0.0	-6.0	0.0	0.0	12.1
95	17644811.73	4846259.94	0.10	0	D	63	33.6	-19.2	0.0	-6.0	0.0	0.0	20.3
95	17644811.73	4846259.94	0.10	0	D	80	38.0	-19.2	0.0	-6.0	0.0	0.0	24.7
95	17644811.73	4846259.94	0.10	0	D	100	39.9	-19.2	0.0	-6.0	0.0	0.0	26.6
95	17644811.73	4846259.94	0.10	0	D	125	40.8	-19.2	0.0	-5.9	0.0	0.0	27.6
95	17644811.73	4846259.94	0.10	0	D	160	41.6	-19.2	0.0	-5.9	0.0	0.0	28.3
95	17644811.73	4846259.94	0.10	0	D	200	42.5	-19.2	0.0	-5.9	0.0	0.0	29.1
95	17644811.73	4846259.94	0.10	0	D	250	43.7	-19.2	0.0	-5.8	0.0	0.0	30.3
95	17644811.73	4846259.94	0.10	0	D	315	45.3	-19.2	0.0	-5.7	0.0	0.0	31.8
95	17644811.73	4846259.94	0.10	0	D	400	47.2	-19.2	0.0	-5.6	0.0	0.0	33.6
95	17644811.73	4846259.94	0.10	0	D	500	49.0	-19.2	0.0	-5.5	0.0	0.0	35.3
95	17644811.73	4846259.94	0.10	0	D	630	49.7	-19.2	0.0	-5.4	0.0	0.0	35.9
95	17644811.73	4846259.94	0.10	0	D	800	52.0	-19.2	0.0	-5.2	0.0	0.0	38.0
95	17644811.73	4846259.94	0.10	0	D	1000	52.9	-19.2	0.0	-5.0	0.0	0.0	38.6
95	17644811.73	4846259.94	0.10	0	D	1250	52.8	-19.2	0.0	-4.7	0.0	0.0	38.3
95	17644811.73	4846259.94	0.10	0	D	1600	52.1	-19.2	0.0	-4.2	0.0	0.0	37.0
95	17644811.73	4846259.94	0.10	0	D	2000	51.8	-19.2	0.0	-3.6	0.0	0.0	36.2
95	17644811.73	4846259.94	0.10	0	D	2500	50.3	-19.2	0.0	-2.6	0.0	0.0	33.7
95	17644811.73	4846259.94	0.10	0	D	3150	48.9	-19.2	0.0	-1.2	0.0	0.0	30.9
95	17644811.73	4846259.94	0.10	0	D	4000	47.0	-19.2	0.0	1.0	0.0	0.0	26.8
95	17644811.73	4846259.94	0.10	0	D	5000	44.7	-19.2	0.0	4.1	0.0	0.0	21.3
95	17644811.73	4846259.94	0.10	0	D	6300	42.1	-19.2	0.0	1.0	0.0	0.0	21.9
95	17644811.73	4846259.94	0.10	0	D	8000	39.5	-19.2	0.0	1.0	0.0	0.0	19.3
95	17644811.73	4846259.94	0.10	0	D	10000	36.8	-19.2	0.0	1.0	0.0	0.0	16.6
98	17644792.70	4846231.55	0.10	0	D	50	25.3	-18.7	0.0	-6.0	0.0	0.0	12.6
98	17644792.70	4846231.55	0.10	0	D	63	33.6	-18.7	0.0	-6.0	0.0	0.0	20.9
98	17644792.70	4846231.55	0.10	0	D	80	38.0	-18.7	0.0	-6.0	0.0	0.0	25.3
98	17644792.70	4846231.55	0.10	0	D	100	39.9	-18.7	0.0	-6.0	0.0	0.0	27.2
98	17644792.70	4846231.55	0.10	0	D	125	40.8	-18.7	0.0	-5.9	0.0	0.0	28.1
98	17644792.70	4846231.55	0.10	0	D	160	41.6	-18.7	0.0	-5.9	0.0	0.0	28.8
98	17644792.70	4846231.55	0.10	0	D	200	42.5	-18.7	0.0	-5.8	0.0	0.0	29.7
98	17644792.70	4846231.55	0.10	0	D	250	43.7	-18.7	0.0	-5.7	0.0	0.0	30.8
98	17644792.70	4846231.55	0.10	0	D	315	45.3	-18.7	0.0	-5.7	0.0	0.0	32.3
98	17644792.70	4846231.55	0.10	0	D	400	47.2	-18.7	0.0	-5.5	0.0	0.0	34.1
98	17644792.70	4846231.55	0.10	0	D	500	49.0	-18.7	0.0	-5.4	0.0	0.0	35.7
98	17644792.70	4846231.55	0.10	0	D	630	49.7	-18.7	0.0	-5.2	0.0	0.0	36.3

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
98	17644792.70	4846231.55	0.10	0	D	800	52.0	-18.7	0.0	-5.0	0.0	0.0	38.4
98	17644792.70	4846231.55	0.10	0	D	1000	52.9	-18.7	0.0	-4.7	0.0	0.0	39.0
98	17644792.70	4846231.55	0.10	0	D	1250	52.8	-18.7	0.0	-4.4	0.0	0.0	38.5
98	17644792.70	4846231.55	0.10	0	D	1600	52.1	-18.7	0.0	-3.8	0.0	0.0	37.2
98	17644792.70	4846231.55	0.10	0	D	2000	51.8	-18.7	0.0	-3.0	0.0	0.0	36.2
98	17644792.70	4846231.55	0.10	0	D	2500	50.3	-18.7	0.0	-2.0	0.0	0.0	33.6
98	17644792.70	4846231.55	0.10	0	D	3150	48.9	-18.7	0.0	-0.4	0.0	0.0	30.6
98	17644792.70	4846231.55	0.10	0	D	4000	47.0	-18.7	0.0	2.1	0.0	0.0	26.2
98	17644792.70	4846231.55	0.10	0	D	5000	44.7	-18.7	0.0	5.5	0.0	0.0	20.5
98	17644792.70	4846231.55	0.10	0	D	6300	42.1	-18.7	0.0	2.1	0.0	0.0	21.4
98	17644792.70	4846231.55	0.10	0	D	8000	39.5	-18.7	0.0	2.1	0.0	0.0	18.8
98	17644792.70	4846231.55	0.10	0	D	10000	36.8	-18.7	0.0	2.1	0.0	0.0	16.1
101	17644767.33	4846193.71	0.10	0	D	50	25.3	-21.3	0.0	-6.0	0.0	0.0	10.0
101	17644767.33	4846193.71	0.10	0	D	63	33.6	-21.3	0.0	-6.0	0.0	0.0	18.3
101	17644767.33	4846193.71	0.10	0	D	80	38.0	-21.3	0.0	-6.0	0.0	0.0	22.6
101	17644767.33	4846193.71	0.10	0	D	100	39.9	-21.3	0.0	-5.9	0.0	0.0	24.6
101	17644767.33	4846193.71	0.10	0	D	125	40.8	-21.3	0.0	-5.9	0.0	0.0	25.5
101	17644767.33	4846193.71	0.10	0	D	160	41.6	-21.3	0.0	-5.9	0.0	0.0	26.2
101	17644767.33	4846193.71	0.10	0	D	200	42.5	-21.3	0.0	-5.8	0.0	0.0	27.0
101	17644767.33	4846193.71	0.10	0	D	250	43.7	-21.3	0.0	-5.7	0.0	0.0	28.1
101	17644767.33	4846193.71	0.10	0	D	315	45.3	-21.3	0.0	-5.6	0.0	0.0	29.6
101	17644767.33	4846193.71	0.10	0	D	400	47.2	-21.3	0.0	-5.4	0.0	0.0	31.3
101	17644767.33	4846193.71	0.10	0	D	500	49.0	-21.3	0.0	-5.3	0.0	0.0	33.0
101	17644767.33	4846193.71	0.10	0	D	630	49.7	-21.3	0.0	-5.1	0.0	0.0	33.5
101	17644767.33	4846193.71	0.10	0	D	800	52.0	-21.3	0.0	-4.8	0.0	0.0	35.5
101	17644767.33	4846193.71	0.10	0	D	1000	52.9	-21.3	0.0	-4.4	0.0	0.0	36.0
101	17644767.33	4846193.71	0.10	0	D	1250	52.8	-21.3	0.0	-3.9	0.0	0.0	35.5
101	17644767.33	4846193.71	0.10	0	D	1600	52.1	-21.3	0.0	-3.2	0.0	0.0	34.0
101	17644767.33	4846193.71	0.10	0	D	2000	51.8	-21.3	0.0	-2.3	0.0	0.0	32.8
101	17644767.33	4846193.71	0.10	0	D	2500	50.3	-21.3	0.0	-0.9	0.0	0.0	30.0
101	17644767.33	4846193.71	0.10	0	D	3150	48.9	-21.3	0.0	1.0	0.0	0.0	26.6
101	17644767.33	4846193.71	0.10	0	D	4000	47.0	-21.3	0.0	4.0	0.0	0.0	21.7
101	17644767.33	4846193.71	0.10	0	D	5000	44.7	-21.3	0.0	8.1	0.0	0.0	15.2
101	17644767.33	4846193.71	0.10	0	D	6300	42.1	-21.3	0.0	4.0	0.0	0.0	16.9
101	17644767.33	4846193.71	0.10	0	D	8000	39.5	-21.3	0.0	4.0	0.0	0.0	14.2
101	17644767.33	4846193.71	0.10	0	D	10000	36.8	-21.3	0.0	4.0	0.0	0.0	11.5
102	17644729.27	4846136.95	0.10	0	D	50	25.3	-21.0	0.0	-6.0	0.0	0.0	10.3
102	17644729.27	4846136.95	0.10	0	D	63	33.6	-21.0	0.0	-6.0	0.0	0.0	18.5
102	17644729.27	4846136.95	0.10	0	D	80	38.0	-21.0	0.0	-5.9	0.0	0.0	22.9
102	17644729.27	4846136.95	0.10	0	D	100	39.9	-21.0	0.0	-5.9	0.0	0.0	24.8
102	17644729.27	4846136.95	0.10	0	D	125	40.8	-21.0	0.0	-5.9	0.0	0.0	25.7
102	17644729.27	4846136.95	0.10	0	D	160	41.6	-21.0	0.0	-5.8	0.0	0.0	26.4
102	17644729.27	4846136.95	0.10	0	D	200	42.5	-21.0	0.0	-5.7	0.0	0.0	27.2
102	17644729.27	4846136.95	0.10	0	D	250	43.7	-21.0	0.0	-5.6	0.0	0.0	28.3
102	17644729.27	4846136.95	0.10	0	D	315	45.3	-21.0	0.0	-5.4	0.0	0.0	29.7
102	17644729.27	4846136.95	0.10	0	D	400	47.2	-21.0	0.0	-5.3	0.0	0.0	31.4
102	17644729.27	4846136.95	0.10	0	D	500	49.0	-21.0	0.0	-5.1	0.0	0.0	33.0
102	17644729.27	4846136.95	0.10	0	D	630	49.7	-21.0	0.0	-4.8	0.0	0.0	33.5
102	17644729.27	4846136.95	0.10	0	D	800	52.0	-21.0	0.0	-4.4	0.0	0.0	35.4
102	17644729.27	4846136.95	0.10	0	D	1000	52.9	-21.0	0.0	-3.9	0.0	0.0	35.8
102	17644729.27	4846136.95	0.10	0	D	1250	52.8	-21.0	0.0	-3.3	0.0	0.0	35.1
102	17644729.27	4846136.95	0.10	0	D	1600	52.1	-21.0	0.0	-2.3	0.0	0.0	33.3
102	17644729.27	4846136.95	0.10	0	D	2000	51.8	-21.0	0.0	-1.0	0.0	0.0	31.8
102	17644729.27	4846136.95	0.10	0	D	2500	50.3	-21.0	0.0	0.7	0.0	0.0	28.6
102	17644729.27	4846136.95	0.10	0	D	3150	48.9	-21.0	0.0	3.3	0.0	0.0	24.6
102	17644729.27	4846136.95	0.10	0	D	4000	47.0	-21.0	0.0	7.1	0.0	0.0	18.8
102	17644729.27	4846136.95	0.10	0	D	5000	44.7	-21.0	0.0	12.5	0.0	0.0	11.2
102	17644729.27	4846136.95	0.10	0	D	6300	42.1	-21.0	0.0	7.1	0.0	0.0	14.0
102	17644729.27	4846136.95	0.10	0	D	8000	39.5	-21.0	0.0	7.1	0.0	0.0	11.4
104	17644678.53	4846061.26	0.10	0	D	63	33.6	-23.9	0.0	-6.0	0.0	0.0	15.6
104	17644678.53	4846061.26	0.10	0	D	80	38.0	-23.9	0.0	-5.9	0.0	0.0	20.0
104	17644678.53	4846061.26	0.10	0	D	100	39.9	-23.9	0.0	-5.9	0.0	0.0	21.9
104	17644678.53	4846061.26	0.10	0	D	125	40.8	-23.9	0.0	-5.9	0.0	0.0	22.8

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
104	17644678.53	4846061.26	0.10	0	D	160	41.6	-23.9	0.0	-5.8	0.0	0.0	23.5
104	17644678.53	4846061.26	0.10	0	D	200	42.5	-23.9	0.0	-5.7	0.0	0.0	24.3
104	17644678.53	4846061.26	0.10	0	D	250	43.7	-23.9	0.0	-5.5	0.0	0.0	25.3
104	17644678.53	4846061.26	0.10	0	D	315	45.3	-23.9	0.0	-5.3	0.0	0.0	26.7
104	17644678.53	4846061.26	0.10	0	D	400	47.2	-23.9	0.0	-5.1	0.0	0.0	28.4
104	17644678.53	4846061.26	0.10	0	D	500	49.0	-23.9	0.0	-4.8	0.0	0.0	29.9
104	17644678.53	4846061.26	0.10	0	D	630	49.7	-23.9	0.0	-4.4	0.0	0.0	30.3
104	17644678.53	4846061.26	0.10	0	D	800	52.0	-23.9	0.0	-3.9	0.0	0.0	32.1
104	17644678.53	4846061.26	0.10	0	D	1000	52.9	-23.9	0.0	-3.3	0.0	0.0	32.3
104	17644678.53	4846061.26	0.10	0	D	1250	52.8	-23.9	0.0	-2.4	0.0	0.0	31.4
104	17644678.53	4846061.26	0.10	0	D	1600	52.1	-23.9	0.0	-1.1	0.0	0.0	29.3
104	17644678.53	4846061.26	0.10	0	D	2000	51.8	-23.9	0.0	0.6	0.0	0.0	27.3
104	17644678.53	4846061.26	0.10	0	D	2500	50.3	-23.9	0.0	2.9	0.0	0.0	23.5
104	17644678.53	4846061.26	0.10	0	D	3150	48.9	-23.9	0.0	6.3	0.0	0.0	18.7
104	17644678.53	4846061.26	0.10	0	D	4000	47.0	-23.9	0.0	11.4	0.0	0.0	11.7
107	17645022.40	4846588.09	1.52	0	D	63	29.7	-23.2	0.0	-5.9	0.0	0.0	12.4
107	17645022.40	4846588.09	1.52	0	D	80	34.1	-23.2	0.0	-5.9	0.0	0.0	16.8
107	17645022.40	4846588.09	1.52	0	D	100	36.2	-23.2	0.0	-5.9	0.0	0.0	18.9
107	17645022.40	4846588.09	1.52	0	D	125	37.4	-23.2	0.0	-5.8	0.0	0.0	20.1
107	17645022.40	4846588.09	1.52	0	D	160	38.6	-23.2	0.0	-5.7	0.0	0.0	21.2
107	17645022.40	4846588.09	1.52	0	D	200	40.2	-23.2	0.0	-5.6	0.0	0.0	22.5
107	17645022.40	4846588.09	1.52	0	D	250	42.4	-23.2	0.0	-5.3	0.0	0.0	24.5
107	17645022.40	4846588.09	1.52	0	D	315	45.1	-23.2	0.0	-5.1	0.0	0.0	27.0
107	17645022.40	4846588.09	1.52	0	D	400	48.0	-23.2	0.0	-4.7	0.0	0.0	29.5
107	17645022.40	4846588.09	1.52	0	D	500	51.3	-23.2	0.0	-4.2	0.0	0.0	32.3
107	17645022.40	4846588.09	1.52	0	D	630	54.5	-23.2	0.0	-3.5	0.0	0.0	34.7
107	17645022.40	4846588.09	1.52	0	D	800	49.7	-23.2	0.0	-2.3	0.0	0.0	28.9
107	17645022.40	4846588.09	1.52	0	D	1000	50.8	-23.2	0.0	-0.7	0.0	0.0	28.3
107	17645022.40	4846588.09	1.52	0	D	1250	47.0	-23.2	0.0	1.8	0.0	0.0	22.0
107	17645022.40	4846588.09	1.52	0	D	1600	47.8	-23.2	0.0	6.6	0.0	0.0	17.9
110	17644974.89	4846513.25	1.52	0	D	63	29.7	-20.1	0.0	-5.9	0.0	0.0	15.5
110	17644974.89	4846513.25	1.52	0	D	80	34.1	-20.1	0.0	-5.9	0.0	0.0	19.9
110	17644974.89	4846513.25	1.52	0	D	100	36.2	-20.1	0.0	-5.9	0.0	0.0	21.9
110	17644974.89	4846513.25	1.52	0	D	125	37.4	-20.1	0.0	-5.8	0.0	0.0	23.1
110	17644974.89	4846513.25	1.52	0	D	160	38.6	-20.1	0.0	-5.7	0.0	0.0	24.2
110	17644974.89	4846513.25	1.52	0	D	200	40.2	-20.1	0.0	-5.6	0.0	0.0	25.6
110	17644974.89	4846513.25	1.52	0	D	250	42.4	-20.1	0.0	-5.3	0.0	0.0	27.6
110	17644974.89	4846513.25	1.52	0	D	315	45.1	-20.1	0.0	-5.1	0.0	0.0	30.0
110	17644974.89	4846513.25	1.52	0	D	400	48.0	-20.1	0.0	-4.6	0.0	0.0	32.5
110	17644974.89	4846513.25	1.52	0	D	500	51.3	-20.1	0.0	-4.1	0.0	0.0	35.2
110	17644974.89	4846513.25	1.52	0	D	630	54.5	-20.1	0.0	-3.2	0.0	0.0	37.5
110	17644974.89	4846513.25	1.52	0	D	800	49.7	-20.1	0.0	-1.7	0.0	0.0	31.3
110	17644974.89	4846513.25	1.52	0	D	1000	50.8	-20.1	0.0	0.6	0.0	0.0	30.1
110	17644974.89	4846513.25	1.52	0	D	1250	47.0	-20.1	0.0	4.7	0.0	0.0	22.1
110	17644974.89	4846513.25	1.52	0	D	1600	47.8	-20.1	0.0	13.1	0.0	0.0	14.5
110	17644974.89	4846513.25	1.52	0	D	2000	43.8	-20.1	0.0	6.2	0.0	0.0	17.5
110	17644974.89	4846513.25	1.52	0	D	2500	40.6	-20.1	0.0	1.5	0.0	0.0	19.0
110	17644974.89	4846513.25	1.52	0	D	3150	37.8	-20.1	0.0	0.6	0.0	0.0	17.0
110	17644974.89	4846513.25	1.52	0	D	4000	34.8	-20.1	0.0	4.6	0.0	0.0	10.2
113	17644939.26	4846457.12	1.52	0	D	63	29.7	-20.1	0.0	-5.9	0.0	0.0	15.5
113	17644939.26	4846457.12	1.52	0	D	80	34.1	-20.1	0.0	-5.9	0.0	0.0	19.9
113	17644939.26	4846457.12	1.52	0	D	100	36.2	-20.1	0.0	-5.9	0.0	0.0	21.9
113	17644939.26	4846457.12	1.52	0	D	125	37.4	-20.1	0.0	-5.8	0.0	0.0	23.1
113	17644939.26	4846457.12	1.52	0	D	160	38.6	-20.1	0.0	-5.7	0.0	0.0	24.2
113	17644939.26	4846457.12	1.52	0	D	200	40.2	-20.1	0.0	-5.5	0.0	0.0	25.6
113	17644939.26	4846457.12	1.52	0	D	250	42.4	-20.1	0.0	-5.2	0.0	0.0	27.5
113	17644939.26	4846457.12	1.52	0	D	315	45.1	-20.1	0.0	-4.9	0.0	0.0	29.9
113	17644939.26	4846457.12	1.52	0	D	400	48.0	-20.1	0.0	-4.3	0.0	0.0	32.2
113	17644939.26	4846457.12	1.52	0	D	500	51.3	-20.1	0.0	-3.4	0.0	0.0	34.6
113	17644939.26	4846457.12	1.52	0	D	630	54.5	-20.1	0.0	-2.0	0.0	0.0	36.3
113	17644939.26	4846457.12	1.52	0	D	800	49.7	-20.1	0.0	0.7	0.0	0.0	28.9
113	17644939.26	4846457.12	1.52	0	D	1000	50.8	-20.1	0.0	5.8	0.0	0.0	24.9
113	17644939.26	4846457.12	1.52	0	D	1250	47.0	-20.1	0.0	16.1	0.0	0.0	10.7

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
113	17644939.26	4846457.12	1.52	0	D	1600	47.8	-20.1	0.0	2.8	0.0	0.0	24.9
113	17644939.26	4846457.12	1.52	0	D	2000	43.8	-20.1	0.0	-1.8	0.0	0.0	25.5
113	17644939.26	4846457.12	1.52	0	D	2500	40.6	-20.1	0.0	-2.6	0.0	0.0	23.2
113	17644939.26	4846457.12	1.52	0	D	3150	37.8	-20.1	0.0	1.6	0.0	0.0	16.1
115	17644915.51	4846419.71	1.52	0	D	50	21.4	-17.1	0.0	-6.0	0.0	0.0	10.2
115	17644915.51	4846419.71	1.52	0	D	63	29.7	-17.1	0.0	-5.9	0.0	0.0	18.5
115	17644915.51	4846419.71	1.52	0	D	80	34.1	-17.1	0.0	-5.9	0.0	0.0	22.8
115	17644915.51	4846419.71	1.52	0	D	100	36.2	-17.1	0.0	-5.8	0.0	0.0	24.9
115	17644915.51	4846419.71	1.52	0	D	125	37.4	-17.1	0.0	-5.7	0.0	0.0	26.0
115	17644915.51	4846419.71	1.52	0	D	160	38.6	-17.1	0.0	-5.6	0.0	0.0	27.1
115	17644915.51	4846419.71	1.52	0	D	200	40.2	-17.1	0.0	-5.3	0.0	0.0	28.4
115	17644915.51	4846419.71	1.52	0	D	250	42.4	-17.1	0.0	-4.9	0.0	0.0	30.2
115	17644915.51	4846419.71	1.52	0	D	315	45.1	-17.1	0.0	-4.3	0.0	0.0	32.3
115	17644915.51	4846419.71	1.52	0	D	400	48.0	-17.1	0.0	-3.4	0.0	0.0	34.3
115	17644915.51	4846419.71	1.52	0	D	500	51.3	-17.1	0.0	-1.8	0.0	0.0	36.0
115	17644915.51	4846419.71	1.52	0	D	630	54.5	-17.1	0.0	1.1	0.0	0.0	36.2
115	17644915.51	4846419.71	1.52	0	D	800	49.7	-17.1	0.0	8.6	0.0	0.0	24.0
115	17644915.51	4846419.71	1.52	0	D	1000	50.8	-17.1	0.0	11.4	0.0	0.0	22.3
115	17644915.51	4846419.71	1.52	0	D	1250	47.0	-17.1	0.0	0.5	0.0	0.0	29.3
115	17644915.51	4846419.71	1.52	0	D	1600	47.8	-17.1	0.0	-3.8	0.0	0.0	34.4
115	17644915.51	4846419.71	1.52	0	D	2000	43.8	-17.1	0.0	-3.9	0.0	0.0	30.6
115	17644915.51	4846419.71	1.52	0	D	2500	40.6	-17.1	0.0	2.9	0.0	0.0	20.6
115	17644915.51	4846419.71	1.52	0	D	3150	37.8	-17.1	0.0	2.2	0.0	0.0	18.5
115	17644915.51	4846419.71	1.52	0	D	4000	34.8	-17.1	0.0	-0.3	0.0	0.0	18.0
115	17644915.51	4846419.71	1.52	0	D	6300	29.1	-17.1	0.0	-0.3	0.0	0.0	12.3
118	17644897.70	4846391.64	1.52	0	D	50	21.4	-17.3	0.0	-5.9	0.0	0.0	10.0
118	17644897.70	4846391.64	1.52	0	D	63	29.7	-17.3	0.0	-5.8	0.0	0.0	18.2
118	17644897.70	4846391.64	1.52	0	D	80	34.1	-17.3	0.0	-5.8	0.0	0.0	22.6
118	17644897.70	4846391.64	1.52	0	D	100	36.2	-17.3	0.0	-5.7	0.0	0.0	24.6
118	17644897.70	4846391.64	1.52	0	D	125	37.4	-17.3	0.0	-5.6	0.0	0.0	25.7
118	17644897.70	4846391.64	1.52	0	D	160	38.6	-17.3	0.0	-5.3	0.0	0.0	26.6
118	17644897.70	4846391.64	1.52	0	D	200	40.2	-17.3	0.0	-4.9	0.0	0.0	27.8
118	17644897.70	4846391.64	1.52	0	D	250	42.4	-17.3	0.0	-4.2	0.0	0.0	29.3
118	17644897.70	4846391.64	1.52	0	D	315	45.1	-17.3	0.0	-3.1	0.0	0.0	30.9
118	17644897.70	4846391.64	1.52	0	D	400	48.0	-17.3	0.0	-1.2	0.0	0.0	31.9
118	17644897.70	4846391.64	1.52	0	D	500	51.3	-17.3	0.0	2.5	0.0	0.0	31.5
118	17644897.70	4846391.64	1.52	0	D	630	54.5	-17.3	0.0	14.3	0.0	0.0	22.8
118	17644897.70	4846391.64	1.52	0	D	800	49.7	-17.3	0.0	5.1	0.0	0.0	27.3
118	17644897.70	4846391.64	1.52	0	D	1000	50.8	-17.3	0.0	-2.2	0.0	0.0	35.6
118	17644897.70	4846391.64	1.52	0	D	1250	47.0	-17.3	0.0	-5.0	0.0	0.0	34.6
118	17644897.70	4846391.64	1.52	0	D	1600	47.8	-17.3	0.0	-3.4	0.0	0.0	33.9
118	17644897.70	4846391.64	1.52	0	D	2000	43.8	-17.3	0.0	15.2	0.0	0.0	11.3
118	17644897.70	4846391.64	1.52	0	D	2500	40.6	-17.3	0.0	-3.1	0.0	0.0	26.5
118	17644897.70	4846391.64	1.52	0	D	3150	37.8	-17.3	0.0	1.8	0.0	0.0	18.6
118	17644897.70	4846391.64	1.52	0	D	4000	34.8	-17.3	0.0	-2.4	0.0	0.0	19.9
118	17644897.70	4846391.64	1.52	0	D	5000	32.1	-17.3	0.0	4.3	0.0	0.0	10.4
121	17644885.82	4846372.93	1.52	0	D	50	21.4	-14.9	0.0	-5.9	0.0	0.0	12.4
121	17644885.82	4846372.93	1.52	0	D	63	29.7	-14.9	0.0	-5.7	0.0	0.0	20.6
121	17644885.82	4846372.93	1.52	0	D	80	34.1	-14.9	0.0	-5.7	0.0	0.0	24.9
121	17644885.82	4846372.93	1.52	0	D	100	36.2	-14.9	0.0	-5.5	0.0	0.0	26.8
121	17644885.82	4846372.93	1.52	0	D	125	37.4	-14.9	0.0	-5.3	0.0	0.0	27.9
121	17644885.82	4846372.93	1.52	0	D	160	38.6	-14.9	0.0	-4.9	0.0	0.0	28.7
121	17644885.82	4846372.93	1.52	0	D	200	40.2	-14.9	0.0	-4.3	0.0	0.0	29.6
121	17644885.82	4846372.93	1.52	0	D	250	42.4	-14.9	0.0	-3.0	0.0	0.0	30.5
121	17644885.82	4846372.93	1.52	0	D	315	45.1	-14.9	0.0	-0.9	0.0	0.0	31.2
121	17644885.82	4846372.93	1.52	0	D	400	48.0	-14.9	0.0	3.6	0.0	0.0	29.6
121	17644885.82	4846372.93	1.52	0	D	500	51.3	-14.9	0.0	20.6	0.0	0.0	15.9
121	17644885.82	4846372.93	1.52	0	D	630	54.5	-14.9	0.0	3.6	0.0	0.0	36.0
121	17644885.82	4846372.93	1.52	0	D	800	49.7	-14.9	0.0	-3.2	0.0	0.0	38.1
121	17644885.82	4846372.93	1.52	0	D	1000	50.8	-14.9	0.0	-5.5	0.0	0.0	41.4
121	17644885.82	4846372.93	1.52	0	D	1250	47.0	-14.9	0.0	-3.3	0.0	0.0	35.4
121	17644885.82	4846372.93	1.52	0	D	1600	47.8	-14.9	0.0	10.9	0.0	0.0	22.0
121	17644885.82	4846372.93	1.52	0	D	2000	43.8	-14.9	0.0	-4.8	0.0	0.0	33.7

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
121	17644885.82	4846372.93	1.52	0	D	2500	40.6	-14.9	0.0	6.7	0.0	0.0	19.1
121	17644885.82	4846372.93	1.52	0	D	3150	37.8	-14.9	0.0	-4.0	0.0	0.0	26.9
121	17644885.82	4846372.93	1.52	0	D	4000	34.8	-14.9	0.0	-2.4	0.0	0.0	22.4
121	17644885.82	4846372.93	1.52	0	D	5000	32.1	-14.9	0.0	-0.8	0.0	0.0	17.9
121	17644885.82	4846372.93	1.52	0	D	6300	29.1	-14.9	0.0	-0.8	0.0	0.0	15.0
121	17644885.82	4846372.93	1.52	0	D	8000	26.0	-14.9	0.0	-0.8	0.0	0.0	11.9
124	17644876.91	4846358.90	1.52	0	D	50	21.4	-15.9	0.0	-5.8	0.0	0.0	11.3
124	17644876.91	4846358.90	1.52	0	D	63	29.7	-15.9	0.0	-5.6	0.0	0.0	19.4
124	17644876.91	4846358.90	1.52	0	D	80	34.1	-15.9	0.0	-5.5	0.0	0.0	23.7
124	17644876.91	4846358.90	1.52	0	D	100	36.2	-15.9	0.0	-5.3	0.0	0.0	25.6
124	17644876.91	4846358.90	1.52	0	D	125	37.4	-15.9	0.0	-5.0	0.0	0.0	26.5
124	17644876.91	4846358.90	1.52	0	D	160	38.6	-15.9	0.0	-4.4	0.0	0.0	27.2
124	17644876.91	4846358.90	1.52	0	D	200	40.2	-15.9	0.0	-3.4	0.0	0.0	27.6
124	17644876.91	4846358.90	1.52	0	D	250	42.4	-15.9	0.0	-1.1	0.0	0.0	27.6
124	17644876.91	4846358.90	1.52	0	D	315	45.1	-15.9	0.0	3.1	0.0	0.0	26.1
124	17644876.91	4846358.90	1.52	0	D	400	48.0	-15.9	0.0	20.8	0.0	0.0	11.3
124	17644876.91	4846358.90	1.52	0	D	500	51.3	-15.9	0.0	3.8	0.0	0.0	31.6
124	17644876.91	4846358.90	1.52	0	D	630	54.5	-15.9	0.0	-3.1	0.0	0.0	41.6
124	17644876.91	4846358.90	1.52	0	D	800	49.7	-15.9	0.0	-5.6	0.0	0.0	39.4
124	17644876.91	4846358.90	1.52	0	D	1000	50.8	-15.9	0.0	-3.5	0.0	0.0	38.4
124	17644876.91	4846358.90	1.52	0	D	1250	47.0	-15.9	0.0	19.3	0.0	0.0	11.7
124	17644876.91	4846358.90	1.52	0	D	1600	47.8	-15.9	0.0	-5.2	0.0	0.0	37.0
124	17644876.91	4846358.90	1.52	0	D	2000	43.8	-15.9	0.0	6.8	0.0	0.0	21.1
124	17644876.91	4846358.90	1.52	0	D	2500	40.6	-15.9	0.0	-4.9	0.0	0.0	29.6
124	17644876.91	4846358.90	1.52	0	D	3150	37.8	-15.9	0.0	-2.8	0.0	0.0	24.6
124	17644876.91	4846358.90	1.52	0	D	4000	34.8	-15.9	0.0	-2.6	0.0	0.0	21.5
124	17644876.91	4846358.90	1.52	0	D	5000	32.1	-15.9	0.0	-2.9	0.0	0.0	19.0
124	17644876.91	4846358.90	1.52	0	D	6300	29.1	-15.9	0.0	-2.6	0.0	0.0	15.8
124	17644876.91	4846358.90	1.52	0	D	8000	26.0	-15.9	0.0	-2.6	0.0	0.0	12.7
126	17644870.97	4846349.55	1.52	0	D	50	21.4	-14.7	0.0	-5.7	0.0	0.0	12.5
126	17644870.97	4846349.55	1.52	0	D	63	29.7	-14.7	0.0	-5.5	0.0	0.0	20.5
126	17644870.97	4846349.55	1.52	0	D	80	34.1	-14.7	0.0	-5.4	0.0	0.0	24.8
126	17644870.97	4846349.55	1.52	0	D	100	36.2	-14.7	0.0	-5.2	0.0	0.0	26.6
126	17644870.97	4846349.55	1.52	0	D	125	37.4	-14.7	0.0	-4.8	0.0	0.0	27.5
126	17644870.97	4846349.55	1.52	0	D	160	38.6	-14.7	0.0	-4.1	0.0	0.0	28.0
126	17644870.97	4846349.55	1.52	0	D	200	40.2	-14.7	0.0	-2.7	0.0	0.0	28.2
126	17644870.97	4846349.55	1.52	0	D	250	42.4	-14.7	0.0	0.9	0.0	0.0	26.8
126	17644870.97	4846349.55	1.52	0	D	315	45.1	-14.7	0.0	8.6	0.0	0.0	21.8
126	17644870.97	4846349.55	1.52	0	D	400	48.0	-14.7	0.0	9.0	0.0	0.0	24.3
126	17644870.97	4846349.55	1.52	0	D	500	51.3	-14.7	0.0	-1.0	0.0	0.0	37.7
126	17644870.97	4846349.55	1.52	0	D	630	54.5	-14.7	0.0	-5.1	0.0	0.0	44.8
126	17644870.97	4846349.55	1.52	0	D	800	49.7	-14.7	0.0	-5.1	0.0	0.0	40.1
126	17644870.97	4846349.55	1.52	0	D	1000	50.8	-14.7	0.0	3.9	0.0	0.0	32.2
126	17644870.97	4846349.55	1.52	0	D	1250	47.0	-14.7	0.0	-2.2	0.0	0.0	34.5
126	17644870.97	4846349.55	1.52	0	D	1600	47.8	-14.7	0.0	-3.1	0.0	0.0	36.1
126	17644870.97	4846349.55	1.52	0	D	2000	43.8	-14.7	0.0	-3.0	0.0	0.0	32.1
126	17644870.97	4846349.55	1.52	0	D	2500	40.6	-14.7	0.0	15.2	0.0	0.0	10.8
126	17644870.97	4846349.55	1.52	0	D	3150	37.8	-14.7	0.0	3.6	0.0	0.0	19.5
126	17644870.97	4846349.55	1.52	0	D	5000	32.1	-14.7	0.0	-3.2	0.0	0.0	20.5
127	17644865.04	4846340.19	1.52	0	D	50	21.4	-13.9	0.0	-5.7	0.0	0.0	13.2
127	17644865.04	4846340.19	1.52	0	D	63	29.7	-13.9	0.0	-5.4	0.0	0.0	21.3
127	17644865.04	4846340.19	1.52	0	D	80	34.1	-13.9	0.0	-5.3	0.0	0.0	25.5
127	17644865.04	4846340.19	1.52	0	D	100	36.2	-13.9	0.0	-5.0	0.0	0.0	27.4
127	17644865.04	4846340.19	1.52	0	D	125	37.4	-13.9	0.0	-4.6	0.0	0.0	28.2
127	17644865.04	4846340.19	1.52	0	D	160	38.6	-13.9	0.0	-3.8	0.0	0.0	28.6
127	17644865.04	4846340.19	1.52	0	D	200	40.2	-13.9	0.0	-2.2	0.0	0.0	28.5
127	17644865.04	4846340.19	1.52	0	D	250	42.4	-13.9	0.0	3.0	0.0	0.0	25.5
127	17644865.04	4846340.19	1.52	0	D	315	45.1	-13.9	0.0	19.0	0.0	0.0	12.2
127	17644865.04	4846340.19	1.52	0	D	400	48.0	-13.9	0.0	3.4	0.0	0.0	30.7
127	17644865.04	4846340.19	1.52	0	D	500	51.3	-13.9	0.0	-3.2	0.0	0.0	40.6
127	17644865.04	4846340.19	1.52	0	D	630	54.5	-13.9	0.0	-5.7	0.0	0.0	46.3
127	17644865.04	4846340.19	1.52	0	D	800	49.7	-13.9	0.0	-3.4	0.0	0.0	39.2
127	17644865.04	4846340.19	1.52	0	D	1000	50.8	-13.9	0.0	15.0	0.0	0.0	21.9

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
127	17644865.04	4846340.19	1.52	0	D	1250	47.0	-13.9	0.0	-5.2	0.0	0.0	38.3
127	17644865.04	4846340.19	1.52	0	D	1600	47.8	-13.9	0.0	9.4	0.0	0.0	24.5
127	17644865.04	4846340.19	1.52	0	D	2000	43.8	-13.9	0.0	-5.2	0.0	0.0	35.1
127	17644865.04	4846340.19	1.52	0	D	2500	40.6	-13.9	0.0	-3.5	0.0	0.0	30.3
127	17644865.04	4846340.19	1.52	0	D	3150	37.8	-13.9	0.0	-3.0	0.0	0.0	26.9
127	17644865.04	4846340.19	1.52	0	D	4000	34.8	-13.9	0.0	-3.8	0.0	0.0	24.8
127	17644865.04	4846340.19	1.52	0	D	5000	32.1	-13.9	0.0	4.6	0.0	0.0	13.6
127	17644865.04	4846340.19	1.52	0	D	6300	29.1	-13.9	0.0	4.6	0.0	0.0	10.6
129	17644859.10	4846330.84	1.52	0	D	50	21.4	-13.8	0.0	-5.7	0.0	0.0	13.3
129	17644859.10	4846330.84	1.52	0	D	63	29.7	-13.8	0.0	-5.4	0.0	0.0	21.4
129	17644859.10	4846330.84	1.52	0	D	80	34.1	-13.8	0.0	-5.3	0.0	0.0	25.6
129	17644859.10	4846330.84	1.52	0	D	100	36.2	-13.8	0.0	-5.0	0.0	0.0	27.4
129	17644859.10	4846330.84	1.52	0	D	125	37.4	-13.8	0.0	-4.6	0.0	0.0	28.3
129	17644859.10	4846330.84	1.52	0	D	160	38.6	-13.8	0.0	-3.8	0.0	0.0	28.6
129	17644859.10	4846330.84	1.52	0	D	200	40.2	-13.8	0.0	-2.1	0.0	0.0	28.5
129	17644859.10	4846330.84	1.52	0	D	250	42.4	-13.8	0.0	3.4	0.0	0.0	25.2
129	17644859.10	4846330.84	1.52	0	D	400	48.0	-13.8	0.0	2.8	0.0	0.0	31.4
129	17644859.10	4846330.84	1.52	0	D	500	51.3	-13.8	0.0	-3.4	0.0	0.0	41.0
129	17644859.10	4846330.84	1.52	0	D	630	54.5	-13.8	0.0	-5.7	0.0	0.0	46.4
129	17644859.10	4846330.84	1.52	0	D	800	49.7	-13.8	0.0	-3.0	0.0	0.0	38.9
129	17644859.10	4846330.84	1.52	0	D	1000	50.8	-13.8	0.0	10.6	0.0	0.0	26.4
129	17644859.10	4846330.84	1.52	0	D	1250	47.0	-13.8	0.0	-5.4	0.0	0.0	38.6
129	17644859.10	4846330.84	1.52	0	D	1600	47.8	-13.8	0.0	15.9	0.0	0.0	18.1
129	17644859.10	4846330.84	1.52	0	D	2000	43.8	-13.8	0.0	-4.9	0.0	0.0	35.0
129	17644859.10	4846330.84	1.52	0	D	2500	40.6	-13.8	0.0	-4.3	0.0	0.0	31.2
129	17644859.10	4846330.84	1.52	0	D	3150	37.8	-13.8	0.0	-4.0	0.0	0.0	28.0
129	17644859.10	4846330.84	1.52	0	D	4000	34.8	-13.8	0.0	-2.8	0.0	0.0	23.9
129	17644859.10	4846330.84	1.52	0	D	5000	32.1	-13.8	0.0	0.1	0.0	0.0	18.2
129	17644859.10	4846330.84	1.52	0	D	6300	29.1	-13.8	0.0	0.1	0.0	0.0	15.3
129	17644859.10	4846330.84	1.52	0	D	8000	26.0	-13.8	0.0	0.1	0.0	0.0	12.1
132	17644852.96	4846321.43	1.52	0	D	50	21.4	-14.3	0.0	-5.7	0.0	0.0	12.8
132	17644852.96	4846321.43	1.52	0	D	63	29.7	-14.3	0.0	-5.5	0.0	0.0	20.9
132	17644852.96	4846321.43	1.52	0	D	80	34.1	-14.3	0.0	-5.4	0.0	0.0	25.1
132	17644852.96	4846321.43	1.52	0	D	100	36.2	-14.3	0.0	-5.1	0.0	0.0	27.0
132	17644852.96	4846321.43	1.52	0	D	125	37.4	-14.3	0.0	-4.7	0.0	0.0	27.9
132	17644852.96	4846321.43	1.52	0	D	160	38.6	-14.3	0.0	-4.0	0.0	0.0	28.3
132	17644852.96	4846321.43	1.52	0	D	200	40.2	-14.3	0.0	-2.6	0.0	0.0	28.4
132	17644852.96	4846321.43	1.52	0	D	250	42.4	-14.3	0.0	1.5	0.0	0.0	26.6
132	17644852.96	4846321.43	1.52	0	D	315	45.1	-14.3	0.0	10.6	0.0	0.0	20.2
132	17644852.96	4846321.43	1.52	0	D	400	48.0	-14.3	0.0	7.0	0.0	0.0	26.7
132	17644852.96	4846321.43	1.52	0	D	500	51.3	-14.3	0.0	-1.8	0.0	0.0	38.7
132	17644852.96	4846321.43	1.52	0	D	630	54.5	-14.3	0.0	-5.3	0.0	0.0	45.5
132	17644852.96	4846321.43	1.52	0	D	800	49.7	-14.3	0.0	-4.8	0.0	0.0	40.1
132	17644852.96	4846321.43	1.52	0	D	1000	50.8	-14.3	0.0	7.7	0.0	0.0	28.8
132	17644852.96	4846321.43	1.52	0	D	1250	47.0	-14.3	0.0	-3.5	0.0	0.0	36.1
132	17644852.96	4846321.43	1.52	0	D	1600	47.8	-14.3	0.0	-1.2	0.0	0.0	34.7
132	17644852.96	4846321.43	1.52	0	D	2000	43.8	-14.3	0.0	-4.4	0.0	0.0	33.9
132	17644852.96	4846321.43	1.52	0	D	2500	40.6	-14.3	0.0	7.6	0.0	0.0	18.7
132	17644852.96	4846321.43	1.52	0	D	4000	34.8	-14.3	0.0	-0.0	0.0	0.0	20.6
132	17644852.96	4846321.43	1.52	0	D	5000	32.1	-14.3	0.0	-2.5	0.0	0.0	20.3
132	17644852.96	4846321.43	1.52	0	D	6300	29.1	-14.3	0.0	-0.0	0.0	0.0	14.9
132	17644852.96	4846321.43	1.52	0	D	8000	26.0	-14.3	0.0	-0.0	0.0	0.0	11.7
134	17644846.61	4846311.97	1.52	0	D	50	21.4	-15.5	0.0	-5.8	0.0	0.0	11.6
134	17644846.61	4846311.97	1.52	0	D	63	29.7	-15.5	0.0	-5.6	0.0	0.0	19.8
134	17644846.61	4846311.97	1.52	0	D	80	34.1	-15.5	0.0	-5.5	0.0	0.0	24.0
134	17644846.61	4846311.97	1.52	0	D	100	36.2	-15.5	0.0	-5.3	0.0	0.0	25.9
134	17644846.61	4846311.97	1.52	0	D	125	37.4	-15.5	0.0	-5.0	0.0	0.0	26.9
134	17644846.61	4846311.97	1.52	0	D	160	38.6	-15.5	0.0	-4.4	0.0	0.0	27.5
134	17644846.61	4846311.97	1.52	0	D	200	40.2	-15.5	0.0	-3.3	0.0	0.0	27.9
134	17644846.61	4846311.97	1.52	0	D	250	42.4	-15.5	0.0	-0.7	0.0	0.0	27.6
134	17644846.61	4846311.97	1.52	0	D	315	45.1	-15.5	0.0	3.9	0.0	0.0	25.7
134	17644846.61	4846311.97	1.52	0	D	500	51.3	-15.5	0.0	2.6	0.0	0.0	33.2
134	17644846.61	4846311.97	1.52	0	D	630	54.5	-15.5	0.0	-3.6	0.0	0.0	42.5

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
134	17644846.61	4846311.97	1.52	0	D	800	49.7	-15.5	0.0	-5.7	0.0	0.0	39.8
134	17644846.61	4846311.97	1.52	0	D	1000	50.8	-15.5	0.0	-2.7	0.0	0.0	37.9
134	17644846.61	4846311.97	1.52	0	D	1250	47.0	-15.5	0.0	9.2	0.0	0.0	22.2
134	17644846.61	4846311.97	1.52	0	D	1600	47.8	-15.5	0.0	-5.4	0.0	0.0	37.6
134	17644846.61	4846311.97	1.52	0	D	2500	40.6	-15.5	0.0	-4.4	0.0	0.0	29.5
134	17644846.61	4846311.97	1.52	0	D	3150	37.8	-15.5	0.0	-4.2	0.0	0.0	26.4
134	17644846.61	4846311.97	1.52	0	D	4000	34.8	-15.5	0.0	-3.9	0.0	0.0	23.2
134	17644846.61	4846311.97	1.52	0	D	5000	32.1	-15.5	0.0	-0.9	0.0	0.0	17.4
134	17644846.61	4846311.97	1.52	0	D	6300	29.1	-15.5	0.0	-0.9	0.0	0.0	14.5
134	17644846.61	4846311.97	1.52	0	D	8000	26.0	-15.5	0.0	-0.9	0.0	0.0	11.3
137	17644837.10	4846297.78	1.52	0	D	50	21.4	-14.6	0.0	-5.9	0.0	0.0	12.7
137	17644837.10	4846297.78	1.52	0	D	63	29.7	-14.6	0.0	-5.7	0.0	0.0	20.9
137	17644837.10	4846297.78	1.52	0	D	80	34.1	-14.6	0.0	-5.6	0.0	0.0	25.2
137	17644837.10	4846297.78	1.52	0	D	100	36.2	-14.6	0.0	-5.5	0.0	0.0	27.1
137	17644837.10	4846297.78	1.52	0	D	125	37.4	-14.6	0.0	-5.3	0.0	0.0	28.2
137	17644837.10	4846297.78	1.52	0	D	160	38.6	-14.6	0.0	-4.9	0.0	0.0	29.0
137	17644837.10	4846297.78	1.52	0	D	200	40.2	-14.6	0.0	-4.2	0.0	0.0	29.8
137	17644837.10	4846297.78	1.52	0	D	250	42.4	-14.6	0.0	-2.9	0.0	0.0	30.7
137	17644837.10	4846297.78	1.52	0	D	315	45.1	-14.6	0.0	-0.7	0.0	0.0	31.2
137	17644837.10	4846297.78	1.52	0	D	400	48.0	-14.6	0.0	4.2	0.0	0.0	29.3
137	17644837.10	4846297.78	1.52	0	D	500	51.3	-14.6	0.0	26.6	0.0	0.0	10.2
137	17644837.10	4846297.78	1.52	0	D	630	54.5	-14.6	0.0	2.7	0.0	0.0	37.2
137	17644837.10	4846297.78	1.52	0	D	800	49.7	-14.6	0.0	-3.6	0.0	0.0	38.8
137	17644837.10	4846297.78	1.52	0	D	1000	50.8	-14.6	0.0	-5.5	0.0	0.0	41.7
137	17644837.10	4846297.78	1.52	0	D	1250	47.0	-14.6	0.0	-2.8	0.0	0.0	35.2
137	17644837.10	4846297.78	1.52	0	D	1600	47.8	-14.6	0.0	6.7	0.0	0.0	26.4
137	17644837.10	4846297.78	1.52	0	D	2000	43.8	-14.6	0.0	-5.0	0.0	0.0	34.2
137	17644837.10	4846297.78	1.52	0	D	2500	40.6	-14.6	0.0	13.1	0.0	0.0	12.9
137	17644837.10	4846297.78	1.52	0	D	3150	37.8	-14.6	0.0	-3.7	0.0	0.0	26.9
137	17644837.10	4846297.78	1.52	0	D	4000	34.8	-14.6	0.0	-3.2	0.0	0.0	23.5
137	17644837.10	4846297.78	1.52	0	D	5000	32.1	-14.6	0.0	-2.0	0.0	0.0	19.5
137	17644837.10	4846297.78	1.52	0	D	6300	29.1	-14.6	0.0	-2.0	0.0	0.0	16.6
137	17644837.10	4846297.78	1.52	0	D	8000	26.0	-14.6	0.0	-2.0	0.0	0.0	13.4
137	17644837.10	4846297.78	1.52	0	D	10000	22.7	-14.6	0.0	-2.0	0.0	0.0	10.2
139	17644824.41	4846278.86	1.52	0	D	50	21.4	-17.1	0.0	-5.9	0.0	0.0	10.2
139	17644824.41	4846278.86	1.52	0	D	63	29.7	-17.1	0.0	-5.8	0.0	0.0	18.4
139	17644824.41	4846278.86	1.52	0	D	80	34.1	-17.1	0.0	-5.8	0.0	0.0	22.8
139	17644824.41	4846278.86	1.52	0	D	100	36.2	-17.1	0.0	-5.7	0.0	0.0	24.8
139	17644824.41	4846278.86	1.52	0	D	125	37.4	-17.1	0.0	-5.6	0.0	0.0	25.9
139	17644824.41	4846278.86	1.52	0	D	160	38.6	-17.1	0.0	-5.3	0.0	0.0	26.8
139	17644824.41	4846278.86	1.52	0	D	200	40.2	-17.1	0.0	-4.9	0.0	0.0	27.9
139	17644824.41	4846278.86	1.52	0	D	250	42.4	-17.1	0.0	-4.2	0.0	0.0	29.5
139	17644824.41	4846278.86	1.52	0	D	315	45.1	-17.1	0.0	-3.1	0.0	0.0	31.1
139	17644824.41	4846278.86	1.52	0	D	400	48.0	-17.1	0.0	-1.1	0.0	0.0	32.0
139	17644824.41	4846278.86	1.52	0	D	500	51.3	-17.1	0.0	2.8	0.0	0.0	31.4
139	17644824.41	4846278.86	1.52	0	D	630	54.5	-17.1	0.0	15.5	0.0	0.0	21.8
139	17644824.41	4846278.86	1.52	0	D	800	49.7	-17.1	0.0	4.6	0.0	0.0	28.0
139	17644824.41	4846278.86	1.52	0	D	1000	50.8	-17.1	0.0	-2.4	0.0	0.0	36.0
139	17644824.41	4846278.86	1.52	0	D	1250	47.0	-17.1	0.0	-5.0	0.0	0.0	34.9
139	17644824.41	4846278.86	1.52	0	D	1600	47.8	-17.1	0.0	-3.3	0.0	0.0	33.9
139	17644824.41	4846278.86	1.52	0	D	2500	40.6	-17.1	0.0	-3.4	0.0	0.0	26.9
139	17644824.41	4846278.86	1.52	0	D	3150	37.8	-17.1	0.0	2.8	0.0	0.0	17.9
139	17644824.41	4846278.86	1.52	0	D	4000	34.8	-17.1	0.0	-2.5	0.0	0.0	20.2
139	17644824.41	4846278.86	1.52	0	D	5000	32.1	-17.1	0.0	3.0	0.0	0.0	12.0
140	17644811.73	4846259.94	1.52	0	D	63	29.7	-19.2	0.0	-5.9	0.0	0.0	16.4
140	17644811.73	4846259.94	1.52	0	D	80	34.1	-19.2	0.0	-5.8	0.0	0.0	20.7
140	17644811.73	4846259.94	1.52	0	D	100	36.2	-19.2	0.0	-5.8	0.0	0.0	22.7
140	17644811.73	4846259.94	1.52	0	D	125	37.4	-19.2	0.0	-5.7	0.0	0.0	23.9
140	17644811.73	4846259.94	1.52	0	D	160	38.6	-19.2	0.0	-5.5	0.0	0.0	24.9
140	17644811.73	4846259.94	1.52	0	D	200	40.2	-19.2	0.0	-5.2	0.0	0.0	26.2
140	17644811.73	4846259.94	1.52	0	D	250	42.4	-19.2	0.0	-4.8	0.0	0.0	27.9
140	17644811.73	4846259.94	1.52	0	D	315	45.1	-19.2	0.0	-4.1	0.0	0.0	29.9
140	17644811.73	4846259.94	1.52	0	D	400	48.0	-19.2	0.0	-2.9	0.0	0.0	31.7

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
140	17644811.73	4846259.94	1.52	0	D	500	51.3	-19.2	0.0	-0.9	0.0	0.0	33.0
140	17644811.73	4846259.94	1.52	0	D	630	54.5	-19.2	0.0	3.1	0.0	0.0	32.2
140	17644811.73	4846259.94	1.52	0	D	800	49.7	-19.2	0.0	16.9	0.0	0.0	13.6
140	17644811.73	4846259.94	1.52	0	D	1000	50.8	-19.2	0.0	5.0	0.0	0.0	26.5
140	17644811.73	4846259.94	1.52	0	D	1250	47.0	-19.2	0.0	-1.9	0.0	0.0	29.7
140	17644811.73	4846259.94	1.52	0	D	1600	47.8	-19.2	0.0	-4.6	0.0	0.0	33.2
140	17644811.73	4846259.94	1.52	0	D	2000	43.8	-19.2	0.0	-2.7	0.0	0.0	27.3
140	17644811.73	4846259.94	1.52	0	D	3150	37.8	-19.2	0.0	-2.1	0.0	0.0	20.6
140	17644811.73	4846259.94	1.52	0	D	4000	34.8	-19.2	0.0	5.5	0.0	0.0	10.1
140	17644811.73	4846259.94	1.52	0	D	5000	32.1	-19.2	0.0	0.3	0.0	0.0	12.5
142	17644792.70	4846231.55	1.52	0	D	63	29.7	-18.7	0.0	-5.9	0.0	0.0	17.0
142	17644792.70	4846231.55	1.52	0	D	80	34.1	-18.7	0.0	-5.9	0.0	0.0	21.3
142	17644792.70	4846231.55	1.52	0	D	100	36.2	-18.7	0.0	-5.8	0.0	0.0	23.4
142	17644792.70	4846231.55	1.52	0	D	125	37.4	-18.7	0.0	-5.8	0.0	0.0	24.6
142	17644792.70	4846231.55	1.52	0	D	160	38.6	-18.7	0.0	-5.6	0.0	0.0	25.6
142	17644792.70	4846231.55	1.52	0	D	200	40.2	-18.7	0.0	-5.5	0.0	0.0	27.0
142	17644792.70	4846231.55	1.52	0	D	250	42.4	-18.7	0.0	-5.1	0.0	0.0	28.9
142	17644792.70	4846231.55	1.52	0	D	315	45.1	-18.7	0.0	-4.7	0.0	0.0	31.1
142	17644792.70	4846231.55	1.52	0	D	400	48.0	-18.7	0.0	-4.0	0.0	0.0	33.3
142	17644792.70	4846231.55	1.52	0	D	500	51.3	-18.7	0.0	-2.9	0.0	0.0	35.5
142	17644792.70	4846231.55	1.52	0	D	630	54.5	-18.7	0.0	-1.0	0.0	0.0	36.8
142	17644792.70	4846231.55	1.52	0	D	800	49.7	-18.7	0.0	2.8	0.0	0.0	28.2
142	17644792.70	4846231.55	1.52	0	D	1000	50.8	-18.7	0.0	12.4	0.0	0.0	19.7
142	17644792.70	4846231.55	1.52	0	D	1250	47.0	-18.7	0.0	7.4	0.0	0.0	20.9
142	17644792.70	4846231.55	1.52	0	D	1600	47.8	-18.7	0.0	-0.9	0.0	0.0	30.0
142	17644792.70	4846231.55	1.52	0	D	2000	43.8	-18.7	0.0	-3.5	0.0	0.0	28.7
142	17644792.70	4846231.55	1.52	0	D	2500	40.6	-18.7	0.0	-2.3	0.0	0.0	24.2
142	17644792.70	4846231.55	1.52	0	D	4000	34.8	-18.7	0.0	1.4	0.0	0.0	14.8
144	17644767.33	4846193.71	1.52	0	D	63	29.7	-21.3	0.0	-5.9	0.0	0.0	14.4
144	17644767.33	4846193.71	1.52	0	D	80	34.1	-21.3	0.0	-5.9	0.0	0.0	18.7
144	17644767.33	4846193.71	1.52	0	D	100	36.2	-21.3	0.0	-5.9	0.0	0.0	20.8
144	17644767.33	4846193.71	1.52	0	D	125	37.4	-21.3	0.0	-5.8	0.0	0.0	22.0
144	17644767.33	4846193.71	1.52	0	D	160	38.6	-21.3	0.0	-5.7	0.0	0.0	23.1
144	17644767.33	4846193.71	1.52	0	D	200	40.2	-21.3	0.0	-5.6	0.0	0.0	24.4
144	17644767.33	4846193.71	1.52	0	D	250	42.4	-21.3	0.0	-5.3	0.0	0.0	26.4
144	17644767.33	4846193.71	1.52	0	D	315	45.1	-21.3	0.0	-5.0	0.0	0.0	28.8
144	17644767.33	4846193.71	1.52	0	D	400	48.0	-21.3	0.0	-4.5	0.0	0.0	31.2
144	17644767.33	4846193.71	1.52	0	D	500	51.3	-21.3	0.0	-3.8	0.0	0.0	33.8
144	17644767.33	4846193.71	1.52	0	D	630	54.5	-21.3	0.0	-2.6	0.0	0.0	35.8
144	17644767.33	4846193.71	1.52	0	D	800	49.7	-21.3	0.0	-0.6	0.0	0.0	29.1
144	17644767.33	4846193.71	1.52	0	D	1000	50.8	-21.3	0.0	2.8	0.0	0.0	26.7
144	17644767.33	4846193.71	1.52	0	D	1250	47.0	-21.3	0.0	10.5	0.0	0.0	15.2
144	17644767.33	4846193.71	1.52	0	D	1600	47.8	-21.3	0.0	7.9	0.0	0.0	18.6
144	17644767.33	4846193.71	1.52	0	D	2000	43.8	-21.3	0.0	0.9	0.0	0.0	21.7
144	17644767.33	4846193.71	1.52	0	D	2500	40.6	-21.3	0.0	-1.6	0.0	0.0	21.0
144	17644767.33	4846193.71	1.52	0	D	3150	37.8	-21.3	0.0	-0.2	0.0	0.0	16.7
146	17644729.27	4846136.95	1.52	0	D	63	29.7	-21.0	0.0	-5.9	0.0	0.0	14.6
146	17644729.27	4846136.95	1.52	0	D	80	34.1	-21.0	0.0	-5.9	0.0	0.0	19.0
146	17644729.27	4846136.95	1.52	0	D	100	36.2	-21.0	0.0	-5.9	0.0	0.0	21.0
146	17644729.27	4846136.95	1.52	0	D	125	37.4	-21.0	0.0	-5.8	0.0	0.0	22.2
146	17644729.27	4846136.95	1.52	0	D	160	38.6	-21.0	0.0	-5.7	0.0	0.0	23.4
146	17644729.27	4846136.95	1.52	0	D	200	40.2	-21.0	0.0	-5.6	0.0	0.0	24.7
146	17644729.27	4846136.95	1.52	0	D	250	42.4	-21.0	0.0	-5.3	0.0	0.0	26.7
146	17644729.27	4846136.95	1.52	0	D	315	45.1	-21.0	0.0	-5.1	0.0	0.0	29.1
146	17644729.27	4846136.95	1.52	0	D	400	48.0	-21.0	0.0	-4.7	0.0	0.0	31.7
146	17644729.27	4846136.95	1.52	0	D	500	51.3	-21.0	0.0	-4.1	0.0	0.0	34.4
146	17644729.27	4846136.95	1.52	0	D	630	54.5	-21.0	0.0	-3.3	0.0	0.0	36.8
146	17644729.27	4846136.95	1.52	0	D	800	49.7	-21.0	0.0	-2.0	0.0	0.0	30.7
146	17644729.27	4846136.95	1.52	0	D	1000	50.8	-21.0	0.0	-0.1	0.0	0.0	29.8
146	17644729.27	4846136.95	1.52	0	D	1250	47.0	-21.0	0.0	3.3	0.0	0.0	22.7
146	17644729.27	4846136.95	1.52	0	D	1600	47.8	-21.0	0.0	10.4	0.0	0.0	16.3
146	17644729.27	4846136.95	1.52	0	D	2000	43.8	-21.0	0.0	9.2	0.0	0.0	13.6
146	17644729.27	4846136.95	1.52	0	D	2500	40.6	-21.0	0.0	3.5	0.0	0.0	16.1

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
146	17644729.27	4846136.95	1.52	0	D	3150	37.8	-21.0	0.0	1.9	0.0	0.0	14.9
149	17644678.53	4846061.26	1.52	0	D	63	29.7	-23.9	0.0	-5.9	0.0	0.0	11.8
149	17644678.53	4846061.26	1.52	0	D	80	34.1	-23.9	0.0	-5.9	0.0	0.0	16.1
149	17644678.53	4846061.26	1.52	0	D	100	36.2	-23.9	0.0	-5.9	0.0	0.0	18.2
149	17644678.53	4846061.26	1.52	0	D	125	37.4	-23.9	0.0	-5.8	0.0	0.0	19.4
149	17644678.53	4846061.26	1.52	0	D	160	38.6	-23.9	0.0	-5.7	0.0	0.0	20.5
149	17644678.53	4846061.26	1.52	0	D	200	40.2	-23.9	0.0	-5.6	0.0	0.0	21.8
149	17644678.53	4846061.26	1.52	0	D	250	42.4	-23.9	0.0	-5.3	0.0	0.0	23.8
149	17644678.53	4846061.26	1.52	0	D	315	45.1	-23.9	0.0	-5.0	0.0	0.0	26.3
149	17644678.53	4846061.26	1.52	0	D	400	48.0	-23.9	0.0	-4.7	0.0	0.0	28.8
149	17644678.53	4846061.26	1.52	0	D	500	51.3	-23.9	0.0	-4.2	0.0	0.0	31.6
149	17644678.53	4846061.26	1.52	0	D	630	54.5	-23.9	0.0	-3.5	0.0	0.0	34.1
149	17644678.53	4846061.26	1.52	0	D	800	49.7	-23.9	0.0	-2.4	0.0	0.0	28.2
149	17644678.53	4846061.26	1.52	0	D	1000	50.8	-23.9	0.0	-0.8	0.0	0.0	27.8
149	17644678.53	4846061.26	1.52	0	D	1250	47.0	-23.9	0.0	1.6	0.0	0.0	21.6
149	17644678.53	4846061.26	1.52	0	D	1600	47.8	-23.9	0.0	5.9	0.0	0.0	18.0
157	17644915.51	4846419.71	3.66	0	D	800	21.9	-17.1	0.0	-5.4	0.0	0.0	10.2
162	17644885.82	4846372.93	3.66	0	D	315	22.9	-14.9	0.0	-2.1	0.0	0.0	10.1
162	17644885.82	4846372.93	3.66	0	D	400	19.8	-14.9	0.0	-5.5	0.0	0.0	10.4
162	17644885.82	4846372.93	3.66	0	D	500	22.2	-14.9	0.0	-4.7	0.0	0.0	12.0
162	17644885.82	4846372.93	3.66	0	D	800	21.9	-14.9	0.0	-4.5	0.0	0.0	11.5
162	17644885.82	4846372.93	3.66	0	D	1250	20.6	-14.9	0.0	-4.7	0.0	0.0	10.4
164	17644876.91	4846358.90	3.66	0	D	315	22.9	-15.9	0.0	-5.4	0.0	0.0	12.4
164	17644876.91	4846358.90	3.66	0	D	1000	21.2	-15.9	0.0	-5.0	0.0	0.0	10.3
167	17644870.97	4846349.55	3.66	0	D	250	23.6	-14.7	0.0	-4.5	0.0	0.0	13.4
167	17644870.97	4846349.55	3.66	0	D	315	22.9	-14.7	0.0	-5.7	0.0	0.0	13.9
167	17644870.97	4846349.55	3.66	0	D	630	21.3	-14.7	0.0	-5.4	0.0	0.0	12.0
167	17644870.97	4846349.55	3.66	0	D	1250	20.6	-14.7	0.0	-4.6	0.0	0.0	10.5
169	17644865.04	4846340.19	3.66	0	D	200	19.2	-13.9	0.0	-5.1	0.0	0.0	10.4
169	17644865.04	4846340.19	3.66	0	D	250	23.6	-13.9	0.0	-5.4	0.0	0.0	15.2
169	17644865.04	4846340.19	3.66	0	D	315	22.9	-13.9	0.0	-4.8	0.0	0.0	13.8
169	17644865.04	4846340.19	3.66	0	D	500	22.2	-13.9	0.0	-4.3	0.0	0.0	12.6
169	17644865.04	4846340.19	3.66	0	D	800	21.9	-13.9	0.0	-5.3	0.0	0.0	13.4
169	17644865.04	4846340.19	3.66	0	D	2500	20.2	-13.9	0.0	-4.7	0.0	0.0	11.0
171	17644859.10	4846330.84	3.66	0	D	200	19.2	-13.8	0.0	-5.1	0.0	0.0	10.6
171	17644859.10	4846330.84	3.66	0	D	250	23.6	-13.8	0.0	-5.5	0.0	0.0	15.4
171	17644859.10	4846330.84	3.66	0	D	315	22.9	-13.8	0.0	-4.6	0.0	0.0	13.7
171	17644859.10	4846330.84	3.66	0	D	500	22.2	-13.8	0.0	-4.6	0.0	0.0	13.1
171	17644859.10	4846330.84	3.66	0	D	800	21.9	-13.8	0.0	-5.5	0.0	0.0	13.7
171	17644859.10	4846330.84	3.66	0	D	1600	19.5	-13.8	0.0	-5.0	0.0	0.0	10.7
172	17644852.96	4846321.43	3.66	0	D	250	23.6	-14.3	0.0	-4.8	0.0	0.0	14.1
172	17644852.96	4846321.43	3.66	0	D	315	22.9	-14.3	0.0	-5.5	0.0	0.0	14.1
172	17644852.96	4846321.43	3.66	0	D	630	21.3	-14.3	0.0	-4.7	0.0	0.0	11.7
173	17644846.61	4846311.97	3.66	0	D	250	23.6	-15.5	0.0	-2.6	0.0	0.0	10.6
173	17644846.61	4846311.97	3.66	0	D	315	22.9	-15.5	0.0	-5.6	0.0	0.0	13.0
173	17644846.61	4846311.97	3.66	0	D	630	21.3	-15.5	0.0	-5.0	0.0	0.0	10.7
173	17644846.61	4846311.97	3.66	0	D	1000	21.2	-15.5	0.0	-5.5	0.0	0.0	11.2
175	17644837.10	4846297.78	3.66	0	D	315	22.9	-14.6	0.0	-2.5	0.0	0.0	10.9
175	17644837.10	4846297.78	3.66	0	D	400	19.8	-14.6	0.0	-5.6	0.0	0.0	10.8
175	17644837.10	4846297.78	3.66	0	D	500	22.2	-14.6	0.0	-4.3	0.0	0.0	12.0
175	17644837.10	4846297.78	3.66	0	D	800	21.9	-14.6	0.0	-5.0	0.0	0.0	12.3
175	17644837.10	4846297.78	3.66	0	D	1250	20.6	-14.6	0.0	-5.2	0.0	0.0	11.2
178	17644824.41	4846278.86	3.66	0	D	500	22.2	-17.1	0.0	-5.1	0.0	0.0	10.2

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
192	17645037.03	4846233.51	4.44	0	D	84.6	9.0	11.7	0.0	15.0	0.0	49.0
194	17645000.41	4846222.67	4.44	0	D	84.6	9.0	13.0	0.0	15.0	0.0	47.7
196	17644968.07	4846213.09	4.44	0	D	84.6	9.0	10.3	0.0	15.0	0.0	50.4
197	17644945.98	4846206.56	4.44	0	D	84.6	9.0	18.3	0.0	15.0	0.0	42.3
198	17644934.77	4846203.24	4.44	0	D	84.6	9.0	13.3	0.0	15.0	0.0	47.3
200	17644923.71	4846199.96	4.44	0	D	84.6	9.0	18.4	0.0	15.0	0.0	42.2

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
201	17644919.84	4846198.82	4.44	0	D	84.6	9.0	21.5	0.0	15.0	0.0	39.1
204	17644904.31	4846194.22	4.44	0	D	84.6	9.0	11.2	0.0	15.0	0.0	49.5
206	17644886.77	4846189.03	4.44	0	D	84.6	9.0	17.9	0.0	15.0	0.0	42.8
209	17644881.11	4846187.35	4.44	0	D	84.6	9.0	19.4	0.0	15.0	0.0	41.3
211	17644869.87	4846184.03	4.44	0	D	84.6	9.0	14.0	0.0	15.0	0.0	46.6
213	17644840.85	4846175.44	4.44	0	D	84.6	9.0	11.4	0.0	15.0	0.0	49.3
215	17644813.57	4846167.36	4.44	0	D	84.6	9.0	16.9	0.0	15.0	0.0	43.7
272	17645037.03	4846233.51	2.30	0	D	71.5	9.0	11.7	0.0	15.0	0.0	35.8
273	17645000.41	4846222.67	2.30	0	D	71.5	9.0	13.0	0.0	15.0	0.0	34.5
274	17644968.07	4846213.09	2.30	0	D	71.5	9.0	10.3	0.0	15.0	0.0	37.2
275	17644945.98	4846206.56	2.30	0	D	71.5	9.0	18.3	0.0	15.0	0.0	29.2
277	17644934.77	4846203.24	2.30	0	D	71.5	9.0	13.3	0.0	15.0	0.0	34.2
279	17644923.71	4846199.96	2.30	0	D	71.5	9.0	18.4	0.0	15.0	0.0	29.1
280	17644919.84	4846198.82	2.30	0	D	71.5	9.0	21.5	0.0	15.0	0.0	26.0
281	17644904.31	4846194.22	2.30	0	D	71.5	9.0	11.2	0.0	15.0	0.0	36.3
282	17644886.77	4846189.03	2.30	0	D	71.5	9.0	17.9	0.0	15.0	0.0	29.6
283	17644881.11	4846187.35	2.30	0	D	71.5	9.0	19.4	0.0	15.0	0.0	28.2
285	17644869.87	4846184.03	2.30	0	D	71.5	9.0	14.0	0.0	15.0	0.0	33.5
286	17644840.85	4846175.44	2.30	0	D	71.5	9.0	11.4	0.0	15.0	0.0	36.2
287	17644813.57	4846167.36	2.30	0	D	71.5	9.0	16.9	0.0	15.0	0.0	30.6
403	17644803.15	4846164.29	4.44	0	D	84.6	9.0	20.6	0.0	15.0	0.0	40.0
405	17644798.53	4846162.95	4.44	0	D	84.6	9.0	24.8	0.0	15.0	0.0	35.8
406	17644796.71	4846162.42	4.44	0	D	84.6	9.0	29.0	0.0	15.0	0.0	31.7
408	17644765.76	4846153.40	4.44	0	D	84.6	9.0	12.3	0.0	0.0	0.0	63.3
410	17644704.88	4846135.66	4.44	0	D	84.6	9.0	14.4	0.0	0.0	0.0	61.3
412	17644669.61	4846125.38	4.44	0	D	84.6	9.0	23.4	0.0	0.0	0.0	52.2
479	17645037.03	4846233.51	2.61	0	D	77.1	9.0	11.7	0.0	15.0	0.0	41.4
481	17645000.41	4846222.67	2.61	0	D	77.1	9.0	13.0	0.0	15.0	0.0	40.1
483	17644968.40	4846213.19	2.61	0	D	77.1	9.0	10.4	0.0	15.0	0.0	42.8
485	17644946.31	4846206.65	2.61	0	D	77.1	9.0	17.8	0.0	15.0	0.0	35.3
486	17644934.77	4846203.24	2.61	0	D	77.1	9.0	13.3	0.0	15.0	0.0	39.8
488	17644923.71	4846199.96	2.61	0	D	77.1	9.0	18.4	0.0	15.0	0.0	34.7
492	17644919.84	4846198.82	2.61	0	D	77.1	9.0	21.5	0.0	15.0	0.0	31.6
494	17644904.31	4846194.22	2.61	0	D	77.1	9.0	11.2	0.0	15.0	0.0	41.9
495	17644886.77	4846189.03	2.61	0	D	77.1	9.0	17.9	0.0	15.0	0.0	35.3
497	17644881.11	4846187.35	2.61	0	D	77.1	9.0	19.4	0.0	15.0	0.0	33.8
499	17644869.87	4846184.03	2.61	0	D	77.1	9.0	14.0	0.0	15.0	0.0	39.1
501	17644840.85	4846175.44	2.61	0	D	77.1	9.0	11.4	0.0	15.0	0.0	41.8
502	17644813.57	4846167.36	2.61	0	D	77.1	9.0	16.9	0.0	15.0	0.0	36.2
530	17644659.78	4846122.36	4.44	0	D	84.6	8.7	23.8	0.0	0.0	0.0	52.1
533	17644634.15	4846114.11	4.44	0	D	84.6	8.7	18.3	0.0	0.0	0.0	57.6
535	17644605.68	4846104.93	4.44	0	D	84.6	8.7	23.3	0.0	0.0	0.0	52.6
537	17644583.06	4846097.64	4.44	0	D	84.6	8.7	21.1	0.0	0.0	0.0	54.9
539	17644555.40	4846088.73	4.44	0	D	84.6	8.7	22.3	0.0	0.0	0.0	53.6
541	17644537.74	4846083.04	4.44	0	D	84.6	8.7	26.9	0.0	0.0	0.0	49.0
542	17644530.38	4846080.67	4.44	0	D	84.6	8.7	29.8	0.0	0.0	0.0	46.1
556	17644803.15	4846164.29	2.30	0	D	71.5	9.0	20.6	0.0	15.0	0.0	26.9
557	17644798.53	4846162.95	2.30	0	D	71.5	9.0	24.8	0.0	15.0	0.0	22.7
560	17644765.76	4846153.40	2.30	0	D	71.5	9.0	12.3	0.0	0.0	0.0	50.2
562	17644704.88	4846135.66	2.30	0	D	71.5	9.0	14.4	0.0	0.0	0.0	48.1
564	17644669.61	4846125.38	2.30	0	D	71.5	9.0	23.4	0.0	0.0	0.0	39.1
622	17644803.15	4846164.29	2.61	0	D	77.1	9.0	20.6	0.0	15.0	0.0	32.5
623	17644798.53	4846162.95	2.61	0	D	77.1	9.0	24.8	0.0	15.0	0.0	28.3
627	17644765.76	4846153.40	2.61	0	D	77.1	9.0	12.3	0.0	0.0	0.0	55.8
628	17644704.88	4846135.66	2.61	0	D	77.1	9.0	14.4	0.0	0.0	0.0	53.8
630	17644669.61	4846125.38	2.61	0	D	77.1	9.0	23.4	0.0	0.0	0.0	44.7
685	17644506.23	4846071.10	4.44	0	D	84.6	7.3	22.3	0.0	0.0	0.0	55.0
687	17644460.10	4846052.41	4.44	0	D	84.6	7.3	22.7	0.0	0.0	0.0	54.7
689	17644659.78	4846122.36	2.30	0	D	71.5	8.7	23.8	0.0	0.0	0.0	39.0
691	17644634.15	4846114.11	2.30	0	D	71.5	8.7	18.3	0.0	0.0	0.0	44.5
693	17644605.68	4846104.93	2.30	0	D	71.5	8.7	23.3	0.0	0.0	0.0	39.5
694	17644583.06	4846097.64	2.30	0	D	71.5	8.7	21.1	0.0	0.0	0.0	41.7
696	17644555.40	4846088.73	2.30	0	D	71.5	8.7	22.3	0.0	0.0	0.0	40.5

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
697	17644537.74	4846083.04	2.30	0	D	71.5	8.7	26.9	0.0	0.0	0.0	35.8
699	17644530.38	4846080.67	2.30	0	D	71.5	8.7	29.8	0.0	0.0	0.0	33.0
737	17644385.90	4846018.76	4.44	0	D	84.6	5.2	22.9	0.0	0.0	0.0	56.6
739	17644334.72	4845994.33	4.44	0	D	84.6	5.2	38.8	0.0	0.0	0.0	40.6
757	17644659.78	4846122.36	2.61	0	D	77.1	8.7	23.8	0.0	0.0	0.0	44.6
759	17644634.15	4846114.11	2.61	0	D	77.1	8.7	18.3	0.0	0.0	0.0	50.1
761	17644605.68	4846104.93	2.61	0	D	77.1	8.7	23.3	0.0	0.0	0.0	45.1
762	17644583.06	4846097.64	2.61	0	D	77.1	8.7	21.1	0.0	0.0	0.0	47.3
764	17644555.40	4846088.73	2.61	0	D	77.1	8.7	22.3	0.0	0.0	0.0	46.1
765	17644537.74	4846083.04	2.61	0	D	77.1	8.7	26.9	0.0	0.0	0.0	41.4
769	17644530.38	4846080.67	2.61	0	D	77.1	8.7	29.8	0.0	0.0	0.0	38.6
802	17644127.74	4845869.30	4.44	0	D	84.6	4.1	25.8	0.0	0.0	0.0	54.7
919	17644302.65	4845976.62	4.44	0	D	84.6	-1.8	33.1	0.0	0.0	0.0	53.3
920	17644506.23	4846071.10	2.30	0	D	71.5	7.3	22.3	0.0	0.0	0.0	41.9
922	17644460.10	4846052.41	2.30	0	D	71.5	7.3	22.7	0.0	0.0	0.0	41.5
977	17644385.90	4846018.76	2.30	0	D	71.5	5.2	22.9	0.0	0.0	0.0	43.4
978	17644334.72	4845994.33	2.30	0	D	71.5	5.2	38.8	0.0	0.0	0.0	27.5
984	17644506.23	4846071.10	2.61	0	D	77.1	7.3	22.3	0.0	0.0	0.0	47.5
986	17644460.10	4846052.41	2.61	0	D	77.1	7.3	22.7	0.0	0.0	0.0	47.1
1013	17644251.35	4845947.39	4.44	0	D	84.6	-2.5	36.2	0.0	0.0	0.0	50.9
1061	17644385.90	4846018.76	2.61	0	D	77.1	5.2	22.9	0.0	0.0	0.0	49.0
1062	17644334.72	4845994.33	2.61	0	D	77.1	5.2	38.8	0.0	0.0	0.0	33.1
1070	17644127.74	4845869.30	2.30	0	D	71.5	4.1	25.7	0.0	0.0	0.0	41.6
1097	17644220.58	4845928.84	4.44	0	D	84.6	3.0	34.2	0.0	0.0	0.0	47.4
1098	17644203.56	4845918.13	4.44	0	D	84.6	3.0	36.0	0.0	0.0	0.0	45.7
1151	17644035.27	4845810.38	4.44	0	D	84.6	0.4	35.2	0.0	0.0	0.0	49.0
1182	17644302.65	4845976.62	2.30	0	D	71.5	-1.5	32.8	0.0	0.0	0.0	40.2
1183	17644127.74	4845869.30	2.61	0	D	77.1	4.1	25.8	0.0	0.0	0.0	47.2
1253	17644302.65	4845976.62	2.61	0	D	77.1	-1.6	32.9	0.0	0.0	0.0	45.8
1267	17644251.35	4845947.39	2.30	0	D	71.5	-2.2	35.8	0.0	0.0	0.0	37.8
1274	17644220.58	4845928.84	2.30	0	D	71.5	3.0	34.2	0.0	0.0	0.0	34.3
1275	17644203.56	4845918.13	2.30	0	D	71.5	3.0	36.0	0.0	0.0	0.0	32.5
1276	17644251.35	4845947.39	2.61	0	D	77.1	-2.2	35.9	0.0	0.0	0.0	43.4
1279	17644035.27	4845810.38	2.30	0	D	71.5	0.5	35.1	0.0	0.0	0.0	35.8
1282	17644220.58	4845928.84	2.61	0	D	77.1	3.0	34.2	0.0	0.0	0.0	39.9
1283	17644203.56	4845918.13	2.61	0	D	77.1	3.0	36.0	0.0	0.0	0.0	38.1
1292	17644035.27	4845810.38	2.61	0	D	77.1	0.5	35.1	0.0	0.0	0.0	41.4

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
217	17644665.26	4846119.16	4.44	0	D	78.6	9.1	32.4	0.0	0.0	0.0	37.1
219	17644697.57	4846128.67	4.44	0	D	78.6	9.1	14.4	0.0	0.0	0.0	55.1
221	17644760.97	4846147.32	4.44	0	D	78.6	9.1	12.3	0.0	0.0	0.0	57.2
223	17644795.14	4846157.38	4.44	0	D	78.6	9.1	24.8	0.0	15.0	0.0	29.7
224	17644807.29	4846160.96	4.44	0	D	78.6	9.1	15.4	0.0	15.0	0.0	39.1
225	17644839.01	4846170.29	4.44	0	D	78.6	9.1	11.4	0.0	15.0	0.0	43.1
226	17644869.09	4846179.14	4.44	0	D	78.6	9.1	14.0	0.0	15.0	0.0	40.5
228	17644880.73	4846182.57	4.44	0	D	78.6	9.1	19.4	0.0	15.0	0.0	35.1
229	17644886.61	4846184.30	4.44	0	D	78.6	9.1	17.9	0.0	15.0	0.0	36.6
230	17644900.39	4846188.35	4.44	0	D	78.6	9.1	12.8	0.0	15.0	0.0	41.7
260	17644665.26	4846119.16	2.30	0	D	71.6	9.1	32.4	0.0	0.0	0.0	30.0
261	17644697.57	4846128.67	2.30	0	D	71.6	9.1	14.4	0.0	0.0	0.0	48.1
262	17644760.97	4846147.32	2.30	0	D	71.6	9.1	12.3	0.0	0.0	0.0	50.1
263	17644793.23	4846156.82	2.30	0	D	71.6	9.1	28.7	0.0	15.0	0.0	18.7
264	17644795.14	4846157.38	2.30	0	D	71.6	9.1	24.8	0.0	15.0	0.0	22.6
265	17644807.29	4846160.96	2.30	0	D	71.6	9.1	15.4	0.0	15.0	0.0	32.1
266	17644839.01	4846170.29	2.30	0	D	71.6	9.1	11.4	0.0	15.0	0.0	36.1
267	17644869.09	4846179.14	2.30	0	D	71.6	9.1	14.0	0.0	15.0	0.0	33.4
268	17644880.73	4846182.57	2.30	0	D	71.6	9.1	19.4	0.0	15.0	0.0	28.1
269	17644886.61	4846184.30	2.30	0	D	71.6	9.1	17.9	0.0	15.0	0.0	29.6
270	17644900.39	4846188.35	2.30	0	D	71.6	9.1	12.8	0.0	15.0	0.0	34.7
415	17644915.19	4846192.69	4.44	0	D	78.6	9.1	16.3	0.0	15.0	0.0	38.2

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
416	17644920.94	4846194.36	4.44	0	D	78.6	9.1	21.5	0.0	15.0	0.0	33.0
418	17644924.87	4846195.50	4.44	0	D	78.6	9.1	18.6	0.0	15.0	0.0	35.9
419	17644936.37	4846198.83	4.44	0	D	78.6	9.1	13.3	0.0	15.0	0.0	41.2
421	17644948.14	4846202.24	4.44	0	D	78.6	9.1	18.3	0.0	15.0	0.0	36.2
424	17644971.23	4846208.94	4.44	0	D	78.6	9.1	10.3	0.0	15.0	0.0	44.2
426	17645005.05	4846218.74	4.44	0	D	78.6	9.1	13.0	0.0	15.0	0.0	41.5
428	17645039.19	4846228.64	4.44	0	D	78.6	9.1	12.4	0.0	15.0	0.0	42.1
464	17644915.19	4846192.69	2.30	0	D	71.6	9.1	16.3	0.0	15.0	0.0	31.1
466	17644920.94	4846194.36	2.30	0	D	71.6	9.1	21.5	0.0	15.0	0.0	25.9
468	17644924.87	4846195.50	2.30	0	D	71.6	9.1	18.6	0.0	15.0	0.0	28.9
469	17644936.37	4846198.83	2.30	0	D	71.6	9.1	13.3	0.0	15.0	0.0	34.2
471	17644948.14	4846202.24	2.30	0	D	71.6	9.1	18.3	0.0	15.0	0.0	29.1
473	17644971.23	4846208.94	2.30	0	D	71.6	9.1	10.3	0.0	15.0	0.0	37.2
475	17645005.05	4846218.74	2.30	0	D	71.6	9.1	13.0	0.0	15.0	0.0	34.5
477	17645039.19	4846228.64	2.30	0	D	71.6	9.1	12.4	0.0	15.0	0.0	35.1
504	17645067.87	4846236.96	4.44	0	D	78.6	9.1	17.5	0.0	15.0	0.0	37.1
506	17645091.95	4846243.94	4.44	0	D	78.6	9.1	15.4	0.0	15.0	0.0	39.1
508	17645132.17	4846255.61	4.44	0	D	78.6	9.1	14.9	0.0	15.0	0.0	39.7
510	17645168.87	4846266.25	4.44	0	D	78.6	9.1	18.9	0.0	15.0	0.0	35.6
565	17645067.87	4846236.96	2.30	0	D	71.6	9.1	17.5	0.0	15.0	0.0	30.0
567	17645083.02	4846241.35	2.30	0	D	71.6	9.1	18.6	0.0	15.0	0.0	28.8
569	17645098.96	4846245.98	2.30	0	D	71.6	9.1	18.1	0.0	15.0	0.0	29.3
571	17645132.17	4846255.61	2.30	0	D	71.6	9.1	14.9	0.0	15.0	0.0	32.6
573	17645167.93	4846265.98	2.30	0	D	71.6	9.1	19.2	0.0	15.0	0.0	28.2
632	17645272.01	4846295.93	4.44	0	D	78.6	9.1	16.9	0.0	15.0	0.0	37.6
634	17645357.94	4846320.75	4.44	0	D	78.6	9.1	17.2	0.0	15.0	0.0	37.3
636	17645413.08	4846336.67	4.44	0	D	78.6	9.1	28.2	0.0	15.0	0.0	26.3
637	17645425.20	4846340.17	4.44	0	D	78.6	9.1	26.9	0.0	15.0	0.0	27.6
642	17645444.34	4846345.69	4.44	0	D	78.6	9.1	27.9	0.0	15.0	0.0	26.6
646	17644542.22	4846079.81	4.44	0	D	78.6	8.9	22.3	0.0	0.0	0.0	47.4
648	17644570.72	4846088.93	4.44	0	D	78.6	8.9	21.1	0.0	0.0	0.0	48.7
649	17644594.12	4846096.41	4.44	0	D	78.6	8.9	23.3	0.0	0.0	0.0	46.5
651	17644623.61	4846105.85	4.44	0	D	78.6	8.9	18.3	0.0	0.0	0.0	51.4
652	17644654.81	4846115.83	4.44	0	D	78.6	8.9	20.9	0.0	0.0	0.0	48.8
654	17645272.01	4846295.93	2.30	0	D	71.6	9.1	16.9	0.0	15.0	0.0	30.6
656	17645357.94	4846320.75	2.30	0	D	71.6	9.1	17.2	0.0	15.0	0.0	30.3
659	17645413.08	4846336.67	2.30	0	D	71.6	9.1	28.2	0.0	15.0	0.0	19.3
661	17645425.20	4846340.17	2.30	0	D	71.6	9.1	26.9	0.0	15.0	0.0	20.6
667	17645444.34	4846345.69	2.30	0	D	71.6	9.1	27.9	0.0	15.0	0.0	19.5
676	17644542.22	4846079.81	2.30	0	D	71.6	8.9	22.3	0.0	0.0	0.0	40.4
677	17644570.72	4846088.93	2.30	0	D	71.6	8.9	21.1	0.0	0.0	0.0	41.6
679	17644594.12	4846096.41	2.30	0	D	71.6	8.9	23.3	0.0	0.0	0.0	39.4
681	17644623.61	4846105.85	2.30	0	D	71.6	8.9	18.3	0.0	0.0	0.0	44.3
683	17644654.81	4846115.83	2.30	0	D	71.6	8.9	20.9	0.0	0.0	0.0	41.8
720	17644665.26	4846119.16	2.61	0	D	71.1	9.1	32.4	0.0	0.0	0.0	29.5
721	17644697.57	4846128.67	2.61	0	D	71.1	9.1	14.4	0.0	0.0	0.0	47.6
722	17644760.97	4846147.32	2.61	0	D	71.1	9.1	12.3	0.0	0.0	0.0	49.6
727	17644807.29	4846160.96	2.61	0	D	71.1	9.1	15.4	0.0	15.0	0.0	31.6
728	17644839.01	4846170.29	2.61	0	D	71.1	9.1	11.4	0.0	15.0	0.0	35.6
730	17644869.09	4846179.14	2.61	0	D	71.1	9.1	14.0	0.0	15.0	0.0	32.9
732	17644880.73	4846182.57	2.61	0	D	71.1	9.1	19.4	0.0	15.0	0.0	27.6
733	17644886.61	4846184.30	2.61	0	D	71.1	9.1	17.9	0.0	15.0	0.0	29.1
735	17644900.39	4846188.35	2.61	0	D	71.1	9.1	12.8	0.0	15.0	0.0	34.2
781	17644449.74	4846043.34	4.44	0	D	78.6	7.5	25.6	0.0	0.0	0.0	45.5
783	17644488.85	4846059.25	4.44	0	D	78.6	7.5	21.6	0.0	0.0	0.0	49.5
784	17644522.10	4846072.77	4.44	0	D	78.6	7.5	26.9	0.0	0.0	0.0	44.2
786	17644528.90	4846075.53	4.44	0	D	78.6	7.5	44.6	0.0	0.0	0.0	26.5
788	17644915.19	4846192.69	2.61	0	D	71.1	9.1	16.3	0.0	15.0	0.0	30.6
791	17644924.87	4846195.50	2.61	0	D	71.1	9.1	18.6	0.0	15.0	0.0	28.4
793	17644936.37	4846198.83	2.61	0	D	71.1	9.1	13.3	0.0	15.0	0.0	33.7
794	17644948.14	4846202.24	2.61	0	D	71.1	9.1	18.3	0.0	15.0	0.0	28.6
796	17644971.23	4846208.94	2.61	0	D	71.1	9.1	10.3	0.0	15.0	0.0	36.7
797	17645005.05	4846218.74	2.61	0	D	71.1	9.1	13.0	0.0	15.0	0.0	34.0

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
799	17645039.19	4846228.64	2.61	0	D	71.1	9.1	12.4	0.0	15.0	0.0	34.6
809	17644386.14	4846013.66	4.44	0	D	78.6	5.4	22.6	0.0	0.0	0.0	50.7
811	17644449.74	4846043.34	2.30	0	D	71.6	7.5	25.6	0.0	0.0	0.0	38.5
899	17644488.85	4846059.25	2.30	0	D	71.6	7.5	21.6	0.0	0.0	0.0	42.5
901	17644522.10	4846072.77	2.30	0	D	71.6	7.5	26.9	0.0	0.0	0.0	37.1
903	17644528.90	4846075.53	2.30	0	D	71.6	7.5	44.6	0.0	0.0	0.0	19.5
905	17645217.98	4846280.30	4.44	0	D	78.6	9.1	18.6	0.0	15.0	0.0	36.0
944	17644386.14	4846013.66	2.30	0	D	71.6	5.4	22.5	0.0	0.0	0.0	43.6
946	17645217.98	4846280.30	2.30	0	D	71.6	9.1	18.6	0.0	15.0	0.0	28.9
988	17644088.00	4845838.75	4.44	0	D	78.6	3.5	40.5	0.0	0.0	0.0	34.6
989	17644144.60	4845875.22	4.44	0	D	78.6	3.5	27.3	0.0	0.0	0.0	47.8
999	17645067.87	4846236.96	2.61	0	D	71.1	9.1	17.5	0.0	15.0	0.0	29.5
1000	17645091.95	4846243.94	2.61	0	D	71.1	9.1	15.4	0.0	15.0	0.0	31.6
1002	17645132.17	4846255.61	2.61	0	D	71.1	9.1	14.9	0.0	15.0	0.0	32.1
1004	17645168.87	4846266.25	2.61	0	D	71.1	9.1	18.9	0.0	15.0	0.0	28.1
1023	17645562.49	4846380.51	4.44	0	D	78.6	9.3	28.0	0.0	15.0	0.0	26.4
1028	17645599.38	4846391.57	4.44	0	D	78.6	9.3	27.2	0.0	15.0	0.0	27.1
1030	17645191.04	4846272.61	4.44	0	D	78.6	9.0	23.0	0.0	15.0	0.0	31.6
1051	17644304.73	4845972.37	4.44	0	D	78.6	0.6	30.7	0.0	0.0	0.0	47.3
1054	17645470.15	4846353.28	4.44	0	D	78.6	9.3	25.6	0.0	15.0	0.0	28.7
1057	17645497.75	4846361.55	4.44	0	D	78.6	9.3	26.0	0.0	15.0	0.0	28.3
1064	17644088.00	4845838.75	2.30	0	D	71.6	3.6	40.5	0.0	0.0	0.0	27.5
1065	17644144.60	4845875.22	2.30	0	D	71.6	3.6	27.2	0.0	0.0	0.0	40.8
1106	17645562.49	4846380.51	2.30	0	D	71.6	9.3	28.0	0.0	15.0	0.0	19.3
1112	17645599.38	4846391.57	2.30	0	D	71.6	9.3	27.2	0.0	15.0	0.0	20.0
1126	17645191.04	4846272.61	2.30	0	D	71.6	9.0	23.0	0.0	15.0	0.0	24.6
1132	17644304.73	4845972.37	2.30	0	D	71.6	0.7	30.7	0.0	0.0	0.0	40.2
1147	17645470.15	4846353.28	2.30	0	D	71.6	9.3	25.6	0.0	15.0	0.0	21.6
1150	17645497.75	4846361.55	2.30	0	D	71.6	9.3	26.0	0.0	15.0	0.0	21.3
1191	17645272.01	4846295.93	2.61	0	D	71.1	9.1	16.9	0.0	15.0	0.0	30.1
1192	17645357.94	4846320.75	2.61	0	D	71.1	9.1	17.2	0.0	15.0	0.0	29.8
1201	17645629.92	4846400.89	4.44	0	D	78.6	9.5	26.4	0.0	15.0	0.0	27.8
1203	17644253.44	4845943.38	4.44	0	D	78.6	-8.1	41.7	0.0	0.0	0.0	45.0
1219	17644542.22	4846079.81	2.61	0	D	71.1	8.9	22.3	0.0	0.0	0.0	39.9
1220	17644570.72	4846088.93	2.61	0	D	71.1	8.9	21.1	0.0	0.0	0.0	41.1
1221	17644594.12	4846096.41	2.61	0	D	71.1	8.9	23.3	0.0	0.0	0.0	38.9
1222	17644623.61	4846105.85	2.61	0	D	71.1	8.9	18.3	0.0	0.0	0.0	43.8
1223	17644654.81	4846115.83	2.61	0	D	71.1	8.9	20.9	0.0	0.0	0.0	41.3
1228	17645522.89	4846368.85	4.44	0	D	78.6	9.0	28.3	0.0	15.0	0.0	26.3
1239	17645629.92	4846400.89	2.30	0	D	71.6	9.5	26.4	0.0	15.0	0.0	20.7
1242	17644253.44	4845943.38	2.30	0	D	71.6	-5.5	39.2	0.0	0.0	0.0	37.9
1243	17644215.37	4845920.45	4.44	0	D	78.6	1.6	33.3	0.0	0.0	0.0	43.7
1270	17645522.89	4846368.85	2.30	0	D	71.6	9.0	28.3	0.0	15.0	0.0	19.3
1272	17644215.37	4845920.45	2.30	0	D	71.6	1.7	33.3	0.0	0.0	0.0	36.6
1273	17644067.12	4845825.49	4.44	0	D	78.6	2.5	34.0	0.0	0.0	0.0	42.1
1277	17644067.12	4845825.49	2.30	0	D	71.6	2.6	33.9	0.0	0.0	0.0	35.1
1284	17644449.74	4846043.34	2.61	0	D	71.1	7.5	25.6	0.0	0.0	0.0	38.0
1285	17644488.85	4846059.25	2.61	0	D	71.1	7.5	21.6	0.0	0.0	0.0	42.0
1287	17644522.10	4846072.77	2.61	0	D	71.1	7.5	26.9	0.0	0.0	0.0	36.6
1297	17644386.14	4846013.66	2.61	0	D	71.1	5.4	22.6	0.0	0.0	0.0	43.1
1299	17645217.98	4846280.30	2.61	0	D	71.1	9.1	18.6	0.0	15.0	0.0	28.4
1303	17644042.39	4845809.86	4.44	0	D	78.6	2.0	39.0	0.0	0.0	0.0	37.7
1305	17644022.11	4845796.87	4.44	0	D	78.6	7.1	34.6	0.0	0.0	0.0	36.9
1307	17644042.39	4845809.86	2.30	0	D	71.6	2.0	39.0	0.0	0.0	0.0	30.6
1308	17644088.00	4845838.75	2.61	0	D	71.1	3.6	40.5	0.0	0.0	0.0	27.0
1310	17644144.60	4845875.22	2.61	0	D	71.1	3.6	27.2	0.0	0.0	0.0	40.3
1312	17644022.11	4845796.87	2.30	0	D	71.6	7.1	34.6	0.0	0.0	0.0	29.8
1322	17644031.74	4845803.27	4.44	0	D	78.6	-5.2	48.8	0.0	0.0	0.0	35.0
1325	17644304.73	4845972.37	2.61	0	D	71.1	0.7	30.7	0.0	0.0	0.0	39.7
1330	17644031.74	4845803.27	2.30	0	D	71.6	-4.2	47.8	0.0	0.0	0.0	27.9
1334	17644253.44	4845943.38	2.61	0	D	71.1	-5.8	39.5	0.0	0.0	0.0	37.4
1338	17644215.37	4845920.45	2.61	0	D	71.1	1.7	33.3	0.0	0.0	0.0	36.1
1340	17644067.12	4845825.49	2.61	0	D	71.1	2.5	33.9	0.0	0.0	0.0	34.6

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1344	17644042.39	4845809.86	2.61	0	D	71.1	2.0	39.0	0.0	0.0	0.0	30.1
1345	17644022.11	4845796.87	2.61	0	D	71.1	7.1	34.6	0.0	0.0	0.0	29.4
1346	17644031.74	4845803.27	2.61	0	D	71.1	-4.4	48.0	0.0	0.0	0.0	27.4

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
231	17645036.97	4846215.47	2.30	0	D	71.5	9.5	17.6	0.0	15.0	0.0	29.4
232	17645015.84	4846209.63	2.30	0	D	71.5	9.5	13.0	0.0	15.0	0.0	34.0
233	17644978.54	4846199.32	2.30	0	D	71.5	9.5	10.3	0.0	15.0	0.0	36.7
234	17644954.26	4846192.60	2.30	0	D	71.5	9.5	20.2	0.0	15.0	0.0	26.8
236	17644951.14	4846191.74	2.30	0	D	71.5	9.5	22.9	0.0	15.0	0.0	24.1
237	17644940.43	4846188.78	2.30	0	D	71.5	9.5	13.3	0.0	15.0	0.0	33.7
238	17644927.86	4846185.30	2.30	0	D	71.5	9.5	18.4	0.0	15.0	0.0	28.6
239	17644923.48	4846184.09	2.30	0	D	71.5	9.5	21.5	0.0	15.0	0.0	25.5
240	17644905.98	4846179.25	2.30	0	D	71.5	9.5	11.2	0.0	15.0	0.0	35.8
241	17644886.26	4846173.80	2.30	0	D	71.5	9.5	17.9	0.0	15.0	0.0	29.1
242	17644879.91	4846172.04	2.30	0	D	71.5	9.5	19.4	0.0	15.0	0.0	27.6
243	17644867.39	4846168.58	2.30	0	D	71.5	9.5	14.0	0.0	15.0	0.0	33.0
244	17644835.26	4846159.69	2.30	0	D	71.5	9.5	11.4	0.0	15.0	0.0	35.6
245	17644801.56	4846150.38	2.30	0	D	71.5	9.5	15.4	0.0	15.0	0.0	31.6
246	17644788.73	4846146.83	2.30	0	D	71.5	9.5	24.8	0.0	15.0	0.0	22.2
249	17644726.41	4846129.60	2.30	0	D	71.5	9.5	10.5	0.0	0.0	0.0	51.5
288	17645036.97	4846215.47	4.44	0	D	78.6	9.5	17.6	0.0	15.0	0.0	36.5
289	17645015.84	4846209.63	4.44	0	D	78.6	9.5	13.0	0.0	15.0	0.0	41.1
290	17644978.54	4846199.32	4.44	0	D	78.6	9.5	10.3	0.0	15.0	0.0	43.8
291	17644954.26	4846192.60	4.44	0	D	78.6	9.5	20.2	0.0	15.0	0.0	33.9
292	17644951.14	4846191.74	4.44	0	D	78.6	9.5	22.9	0.0	15.0	0.0	31.2
293	17644940.43	4846188.78	4.44	0	D	78.6	9.5	13.3	0.0	15.0	0.0	40.8
382	17644927.86	4846185.30	4.44	0	D	78.6	9.5	18.4	0.0	15.0	0.0	35.7
384	17644923.48	4846184.09	4.44	0	D	78.6	9.5	21.5	0.0	15.0	0.0	32.6
386	17644905.98	4846179.25	4.44	0	D	78.6	9.5	11.2	0.0	15.0	0.0	43.0
387	17644886.26	4846173.80	4.44	0	D	78.6	9.5	17.9	0.0	15.0	0.0	36.3
389	17644879.91	4846172.04	4.44	0	D	78.6	9.5	19.4	0.0	15.0	0.0	34.8
390	17644867.39	4846168.58	4.44	0	D	78.6	9.5	14.0	0.0	15.0	0.0	40.1
392	17644835.26	4846159.69	4.44	0	D	78.6	9.5	11.4	0.0	15.0	0.0	42.8
395	17644801.56	4846150.38	4.44	0	D	78.6	9.5	15.4	0.0	15.0	0.0	38.7
397	17644788.73	4846146.83	4.44	0	D	78.6	9.5	24.8	0.0	15.0	0.0	29.3
401	17644726.41	4846129.60	4.44	0	D	78.6	9.5	10.5	0.0	0.0	0.0	58.7
430	17645036.97	4846215.47	2.61	0	D	77.1	9.5	17.6	0.0	15.0	0.0	35.0
432	17645015.84	4846209.63	2.61	0	D	77.1	9.5	13.0	0.0	15.0	0.0	39.6
436	17644978.54	4846199.32	2.61	0	D	77.1	9.5	10.3	0.0	15.0	0.0	42.3
438	17644954.26	4846192.60	2.61	0	D	77.1	9.5	20.2	0.0	15.0	0.0	32.4
440	17644951.14	4846191.74	2.61	0	D	77.1	9.5	22.9	0.0	15.0	0.0	29.7
442	17644940.43	4846188.78	2.61	0	D	77.1	9.5	13.3	0.0	15.0	0.0	39.3
443	17644927.86	4846185.30	2.61	0	D	77.1	9.5	18.4	0.0	15.0	0.0	34.2
445	17644923.48	4846184.09	2.61	0	D	77.1	9.5	21.5	0.0	15.0	0.0	31.1
447	17644905.98	4846179.25	2.61	0	D	77.1	9.5	11.2	0.0	15.0	0.0	41.4
449	17644886.26	4846173.80	2.61	0	D	77.1	9.5	17.9	0.0	15.0	0.0	34.7
451	17644879.91	4846172.04	2.61	0	D	77.1	9.5	19.4	0.0	15.0	0.0	33.2
453	17644867.39	4846168.58	2.61	0	D	77.1	9.5	14.0	0.0	15.0	0.0	38.6
454	17644835.26	4846159.69	2.61	0	D	77.1	9.5	11.4	0.0	15.0	0.0	41.2
456	17644801.56	4846150.38	2.61	0	D	77.1	9.5	15.4	0.0	15.0	0.0	37.2
458	17644788.73	4846146.83	2.61	0	D	77.1	9.5	24.8	0.0	15.0	0.0	27.8
462	17644726.41	4846129.60	2.61	0	D	77.1	9.5	10.5	0.0	0.0	0.0	57.1
701	17644660.27	4846110.99	2.30	0	D	71.5	9.1	22.6	0.0	0.0	0.0	39.8
703	17644642.71	4846105.27	2.30	0	D	71.5	9.1	20.6	0.0	0.0	0.0	41.8
704	17644608.68	4846094.17	2.30	0	D	71.5	9.1	18.3	0.0	0.0	0.0	44.1
705	17644577.12	4846083.88	2.30	0	D	71.5	9.1	23.3	0.0	0.0	0.0	39.1
706	17644551.98	4846075.69	2.30	0	D	71.5	9.1	21.1	0.0	0.0	0.0	41.4
707	17644533.49	4846069.66	2.30	0	D	71.5	9.1	30.5	0.0	0.0	0.0	31.9
741	17644660.27	4846110.99	4.44	0	D	78.6	9.1	22.6	0.0	0.0	0.0	47.0
749	17644642.71	4846105.27	4.44	0	D	78.6	9.1	20.6	0.0	0.0	0.0	48.9

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
750	17644608.68	4846094.17	4.44	0	D	78.6	9.1	18.3	0.0	0.0	0.0	51.2
752	17644577.12	4846083.88	4.44	0	D	78.6	9.1	23.3	0.0	0.0	0.0	46.3
754	17644551.98	4846075.69	4.44	0	D	78.6	9.1	21.1	0.0	0.0	0.0	48.5
755	17644533.49	4846069.66	4.44	0	D	78.6	9.1	30.5	0.0	0.0	0.0	39.1
771	17644660.27	4846110.99	2.61	0	D	77.1	9.1	22.6	0.0	0.0	0.0	45.4
773	17644642.71	4846105.27	2.61	0	D	77.1	9.1	20.6	0.0	0.0	0.0	47.4
775	17644608.68	4846094.17	2.61	0	D	77.1	9.1	18.3	0.0	0.0	0.0	49.7
776	17644577.12	4846083.88	2.61	0	D	77.1	9.1	23.3	0.0	0.0	0.0	44.7
777	17644551.98	4846075.69	2.61	0	D	77.1	9.1	21.1	0.0	0.0	0.0	47.0
779	17644533.49	4846069.66	2.61	0	D	77.1	9.1	30.5	0.0	0.0	0.0	37.6
924	17644515.96	4846062.87	2.30	0	D	71.5	8.0	23.0	0.0	0.0	0.0	40.5
926	17644493.59	4846054.04	2.30	0	D	71.5	8.0	26.9	0.0	0.0	0.0	36.5
927	17644463.11	4846041.99	2.30	0	D	71.5	8.0	22.2	0.0	0.0	0.0	41.3
951	17644515.96	4846062.87	4.44	0	D	78.6	8.0	23.0	0.0	0.0	0.0	47.6
953	17644493.59	4846054.04	4.44	0	D	78.6	8.0	26.9	0.0	0.0	0.0	43.6
954	17644463.11	4846041.99	4.44	0	D	78.6	8.0	22.2	0.0	0.0	0.0	48.4
979	17644434.55	4846030.38	2.30	0	D	71.5	6.5	30.9	0.0	0.0	0.0	34.1
980	17644383.29	4846006.78	2.30	0	D	71.5	6.5	22.0	0.0	0.0	0.0	43.0
991	17644515.96	4846062.87	2.61	0	D	77.1	8.0	23.0	0.0	0.0	0.0	46.1
992	17644493.59	4846054.04	2.61	0	D	77.1	8.0	26.9	0.0	0.0	0.0	42.1
994	17644463.11	4846041.99	2.61	0	D	77.1	8.0	22.2	0.0	0.0	0.0	46.9
996	17644434.55	4846030.38	4.44	0	D	78.6	6.5	30.9	0.0	0.0	0.0	41.2
997	17644383.29	4846006.78	4.44	0	D	78.6	6.5	22.0	0.0	0.0	0.0	50.1
1067	17644434.55	4846030.38	2.61	0	D	77.1	6.5	30.9	0.0	0.0	0.0	39.7
1069	17644383.29	4846006.78	2.61	0	D	77.1	6.5	22.0	0.0	0.0	0.0	48.6
1184	17644306.82	4845968.87	2.30	0	D	71.5	1.6	29.8	0.0	0.0	0.0	40.1
1212	17644306.82	4845968.87	4.44	0	D	78.6	1.6	29.8	0.0	0.0	0.0	47.2
1254	17644306.82	4845968.87	2.61	0	D	77.1	1.6	29.8	0.0	0.0	0.0	45.7

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
250	17645068.07	4846224.87	4.44	0	D	84.6	9.6	12.4	0.0	15.0	0.0	47.7
251	17645109.98	4846237.53	4.44	0	D	84.6	9.6	15.4	0.0	15.0	0.0	44.7
252	17645144.96	4846248.10	4.44	0	D	84.6	9.6	16.2	0.0	15.0	0.0	43.8
253	17645170.75	4846255.89	4.44	0	D	84.6	9.6	20.5	0.0	15.0	0.0	39.5
254	17645191.70	4846262.22	4.44	0	D	84.6	9.6	18.9	0.0	15.0	0.0	41.1
255	17645206.12	4846266.58	4.44	0	D	84.6	9.6	29.2	0.0	15.0	0.0	30.8
256	17645214.08	4846268.98	4.44	0	D	84.6	9.6	22.4	0.0	15.0	0.0	37.6
258	17645228.23	4846273.26	4.44	0	D	84.6	9.6	22.2	0.0	15.0	0.0	37.8
517	17645068.07	4846224.87	2.30	0	D	71.5	9.6	12.4	0.0	15.0	0.0	34.6
519	17645109.98	4846237.53	2.30	0	D	71.5	9.6	15.4	0.0	15.0	0.0	31.5
521	17645144.96	4846248.10	2.30	0	D	71.5	9.6	16.2	0.0	15.0	0.0	30.7
523	17645170.75	4846255.89	2.30	0	D	71.5	9.6	20.5	0.0	15.0	0.0	26.4
525	17645191.70	4846262.22	2.30	0	D	71.5	9.6	18.9	0.0	15.0	0.0	28.0
527	17645214.08	4846268.98	2.30	0	D	71.5	9.6	22.4	0.0	15.0	0.0	24.5
528	17645228.23	4846273.26	2.30	0	D	71.5	9.6	22.2	0.0	15.0	0.0	24.7
592	17645068.07	4846224.87	2.61	0	D	77.1	9.6	12.4	0.0	15.0	0.0	40.2
594	17645109.98	4846237.53	2.61	0	D	77.1	9.6	15.4	0.0	15.0	0.0	37.2
596	17645143.61	4846247.69	2.61	0	D	77.1	9.6	16.5	0.0	15.0	0.0	36.0
601	17645170.75	4846255.89	2.61	0	D	77.1	9.6	20.5	0.0	15.0	0.0	32.0
603	17645191.70	4846262.22	2.61	0	D	77.1	9.6	18.9	0.0	15.0	0.0	33.6
606	17645214.08	4846268.98	2.61	0	D	77.1	9.6	22.4	0.0	15.0	0.0	30.1
608	17645228.23	4846273.26	2.61	0	D	77.1	9.6	22.2	0.0	15.0	0.0	30.3
671	17645317.42	4846301.95	4.44	0	D	84.6	9.7	22.0	0.0	15.0	0.0	37.9
672	17645373.78	4846319.92	4.44	0	D	84.6	9.7	17.4	0.0	15.0	0.0	42.5
674	17645270.53	4846286.81	4.44	0	D	84.6	9.8	16.3	0.0	15.0	0.0	43.5
708	17645462.64	4846347.21	4.44	0	D	84.6	9.3	29.8	0.0	15.0	0.0	30.5
709	17645471.24	4846349.72	4.44	0	D	84.6	9.3	29.3	0.0	15.0	0.0	31.0
710	17645487.20	4846354.40	4.44	0	D	84.6	9.3	25.6	0.0	15.0	0.0	34.7
712	17645501.74	4846358.66	4.44	0	D	84.6	9.3	31.3	0.0	15.0	0.0	29.0
713	17645519.86	4846363.97	4.44	0	D	84.6	9.3	24.9	0.0	15.0	0.0	35.4
714	17645542.08	4846370.48	4.44	0	D	84.6	9.3	28.3	0.0	15.0	0.0	32.0

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
715	17645554.86	4846374.22	4.44	0	D	84.6	9.3	29.8	0.0	15.0	0.0	30.5
716	17645565.68	4846377.39	4.44	0	D	84.6	9.3	30.0	0.0	15.0	0.0	30.3
719	17645582.09	4846382.20	4.44	0	D	84.6	9.3	28.5	0.0	15.0	0.0	31.8
804	17645317.42	4846301.95	2.30	0	D	71.5	9.7	22.0	0.0	15.0	0.0	24.8
805	17645373.78	4846319.92	2.30	0	D	71.5	9.7	17.4	0.0	15.0	0.0	29.4
907	17645270.53	4846286.81	2.30	0	D	71.5	9.8	16.3	0.0	15.0	0.0	30.4
910	17645597.34	4846386.91	4.44	0	D	84.6	9.9	29.6	0.0	15.0	0.0	30.1
911	17645605.25	4846389.48	4.44	0	D	84.6	9.9	33.3	0.0	15.0	0.0	26.4
913	17645620.25	4846394.36	4.44	0	D	84.6	9.9	26.3	0.0	15.0	0.0	33.4
915	17645646.06	4846402.76	4.44	0	D	84.6	9.9	26.4	0.0	15.0	0.0	33.3
917	17645664.16	4846408.65	4.44	0	D	84.6	9.9	30.9	0.0	15.0	0.0	28.7
929	17645421.10	4846334.93	4.44	0	D	84.6	9.4	30.2	0.0	15.0	0.0	30.0
931	17645429.20	4846337.33	4.44	0	D	84.6	9.4	28.2	0.0	15.0	0.0	32.1
932	17645441.34	4846340.92	4.44	0	D	84.6	9.4	26.9	0.0	15.0	0.0	33.3
937	17645452.76	4846344.29	4.44	0	D	84.6	9.4	33.2	0.0	15.0	0.0	27.0
939	17645456.59	4846345.43	4.44	0	D	84.6	9.4	32.4	0.0	15.0	0.0	27.8
948	17645317.42	4846301.95	2.61	0	D	77.1	9.7	22.0	0.0	15.0	0.0	30.4
950	17645373.78	4846319.92	2.61	0	D	77.1	9.7	17.4	0.0	15.0	0.0	35.0
963	17645487.20	4846354.40	2.30	0	D	71.5	9.3	25.6	0.0	15.0	0.0	21.5
966	17645519.86	4846363.97	2.30	0	D	71.5	9.3	24.9	0.0	15.0	0.0	22.3
967	17645542.08	4846370.48	2.30	0	D	71.5	9.3	28.3	0.0	15.0	0.0	18.9
975	17645582.09	4846382.20	2.30	0	D	71.5	9.3	28.5	0.0	15.0	0.0	18.7
981	17645270.53	4846286.81	2.61	0	D	77.1	9.8	16.3	0.0	15.0	0.0	36.0
1036	17645487.20	4846354.40	2.61	0	D	77.1	9.3	25.6	0.0	15.0	0.0	27.1
1039	17645519.86	4846363.97	2.61	0	D	77.1	9.3	24.9	0.0	15.0	0.0	27.9
1179	17645620.25	4846394.36	2.30	0	D	71.5	9.9	26.3	0.0	15.0	0.0	20.3
1180	17645646.06	4846402.76	2.30	0	D	71.5	9.9	26.4	0.0	15.0	0.0	20.2
1207	17645429.20	4846337.33	2.30	0	D	71.5	9.4	28.2	0.0	15.0	0.0	18.9
1208	17645441.34	4846340.92	2.30	0	D	71.5	9.4	26.9	0.0	15.0	0.0	20.2

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
544	17645064.64	4846241.64	2.30	0	D	71.5	9.0	21.3	0.0	15.0	0.0	26.2
546	17645083.05	4846247.10	2.30	0	D	71.5	9.0	15.4	0.0	15.0	0.0	32.1
547	17645121.00	4846258.36	2.30	0	D	71.5	9.0	14.9	0.0	15.0	0.0	32.7
549	17645155.53	4846268.60	2.30	0	D	71.5	9.0	18.9	0.0	15.0	0.0	28.6
553	17645175.45	4846274.51	2.30	0	D	71.5	9.0	22.4	0.0	15.0	0.0	25.1
555	17645207.99	4846284.16	2.30	0	D	71.5	9.0	16.8	0.0	15.0	0.0	30.8
580	17645064.64	4846241.64	4.44	0	D	78.6	9.0	21.3	0.0	15.0	0.0	33.4
582	17645083.05	4846247.10	4.44	0	D	78.6	9.0	15.4	0.0	15.0	0.0	39.3
583	17645121.00	4846258.36	4.44	0	D	78.6	9.0	14.9	0.0	15.0	0.0	39.8
585	17645155.53	4846268.60	4.44	0	D	78.6	9.0	18.9	0.0	15.0	0.0	35.7
588	17645175.45	4846274.51	4.44	0	D	78.6	9.0	22.4	0.0	15.0	0.0	32.2
590	17645207.99	4846284.16	4.44	0	D	78.6	9.0	16.8	0.0	15.0	0.0	37.9
609	17645064.64	4846241.64	2.61	0	D	77.1	9.0	21.3	0.0	15.0	0.0	31.8
611	17645083.05	4846247.10	2.61	0	D	77.1	9.0	15.4	0.0	15.0	0.0	37.8
613	17645121.00	4846258.36	2.61	0	D	77.1	9.0	14.9	0.0	15.0	0.0	38.3
614	17645155.53	4846268.60	2.61	0	D	77.1	9.0	18.9	0.0	15.0	0.0	34.2
619	17645175.45	4846274.51	2.61	0	D	77.1	9.0	22.4	0.0	15.0	0.0	30.7
620	17645207.99	4846284.16	2.61	0	D	77.1	9.0	16.8	0.0	15.0	0.0	36.4
941	17645260.87	4846299.39	2.30	0	D	71.5	8.8	18.4	0.0	15.0	0.0	29.4
942	17645289.70	4846307.44	2.30	0	D	71.5	8.8	29.1	0.0	15.0	0.0	18.6
956	17645260.87	4846299.39	4.44	0	D	78.6	8.8	18.4	0.0	15.0	0.0	36.5
982	17645260.87	4846299.39	2.61	0	D	77.1	8.8	18.4	0.0	15.0	0.0	35.0
1011	17645353.81	4846325.09	2.30	0	D	71.5	9.0	19.6	0.0	15.0	0.0	27.8
1059	17645353.81	4846325.09	4.44	0	D	78.6	9.0	19.6	0.0	15.0	0.0	35.0
1074	17645478.51	4846360.77	2.30	0	D	71.5	8.8	24.9	0.0	15.0	0.0	22.8
1075	17645500.33	4846366.93	2.30	0	D	71.5	8.8	28.3	0.0	15.0	0.0	19.4
1085	17645542.18	4846378.83	2.30	0	D	71.5	9.0	28.8	0.0	15.0	0.0	18.6
1091	17645580.70	4846390.08	2.30	0	D	71.5	9.0	26.3	0.0	15.0	0.0	21.2
1092	17645609.74	4846398.56	2.30	0	D	71.5	9.0	26.4	0.0	15.0	0.0	21.1
1095	17645353.81	4846325.09	2.61	0	D	77.1	9.0	19.6	0.0	15.0	0.0	33.4

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1115	17645478.51	4846360.77	4.44	0	D	78.6	8.8	24.9	0.0	15.0	0.0	29.9
1116	17645500.33	4846366.93	4.44	0	D	78.6	8.8	28.3	0.0	15.0	0.0	26.5
1130	17645308.63	4846312.36	2.30	0	D	71.5	8.5	21.8	0.0	15.0	0.0	26.2
1140	17645580.70	4846390.08	4.44	0	D	78.6	9.0	26.3	0.0	15.0	0.0	28.3
1142	17645609.74	4846398.56	4.44	0	D	78.6	9.0	26.4	0.0	15.0	0.0	28.2
1155	17645478.51	4846360.77	2.61	0	D	77.1	8.8	24.9	0.0	15.0	0.0	28.4
1169	17645580.70	4846390.08	2.61	0	D	77.1	9.0	26.3	0.0	15.0	0.0	26.8
1170	17645609.74	4846398.56	2.61	0	D	77.1	9.0	26.4	0.0	15.0	0.0	26.7
1174	17645308.63	4846312.36	4.44	0	D	78.6	8.5	21.8	0.0	15.0	0.0	33.3
1186	17645389.67	4846335.70	2.30	0	D	71.5	9.0	28.2	0.0	15.0	0.0	19.3
1187	17645400.91	4846339.03	2.30	0	D	71.5	9.0	26.9	0.0	15.0	0.0	20.6
1204	17645308.63	4846312.36	2.61	0	D	77.1	8.5	21.8	0.0	15.0	0.0	31.8
1214	17645389.67	4846335.70	4.44	0	D	78.6	9.0	28.2	0.0	15.0	0.0	26.4
1215	17645400.91	4846339.03	4.44	0	D	78.6	9.0	26.9	0.0	15.0	0.0	27.7
1225	17645429.39	4846347.24	2.30	0	D	71.5	8.6	29.3	0.0	15.0	0.0	18.7
1226	17645445.60	4846351.61	2.30	0	D	71.5	8.6	25.7	0.0	15.0	0.0	22.2
1233	17645400.91	4846339.03	2.61	0	D	77.1	9.0	26.9	0.0	15.0	0.0	26.2
1246	17645445.60	4846351.61	4.44	0	D	78.6	8.6	25.7	0.0	15.0	0.0	29.3
1266	17645445.60	4846351.61	2.61	0	D	77.1	8.6	25.7	0.0	15.0	0.0	27.8

Receiver
Name: RP04
ID: RP04
X: 17644924.95 m
Y: 4846250.94 m
Z: 29.75 m

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																					
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	17644885.30	4846187.23	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	49.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	33.5

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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	17644889.29	4846172.32	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	50.1	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	32.4

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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	17645195.74	4846281.37	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	59.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.4

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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	17645199.16	4846264.09	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	59.8	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	22.3

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1009	17644759.41	4846181.90	0.10	0	D	50	25.3	-20.8	0.0	-6.0	0.0	0.0	10.5
1009	17644759.41	4846181.90	0.10	0	D	63	33.6	-20.8	0.0	-6.0	0.0	0.0	18.7
1009	17644759.41	4846181.90	0.10	0	D	80	38.0	-20.8	0.0	-6.0	0.0	0.0	23.1
1009	17644759.41	4846181.90	0.10	0	D	100	39.9	-20.8	0.0	-5.9	0.0	0.0	25.0
1009	17644759.41	4846181.90	0.10	0	D	125	40.8	-20.8	0.0	-5.9	0.0	0.0	26.0
1009	17644759.41	4846181.90	0.10	0	D	160	41.6	-20.8	0.0	-5.9	0.0	0.0	26.7
1009	17644759.41	4846181.90	0.10	0	D	200	42.5	-20.8	0.0	-5.8	0.0	0.0	27.5
1009	17644759.41	4846181.90	0.10	0	D	250	43.7	-20.8	0.0	-5.7	0.0	0.0	28.6
1009	17644759.41	4846181.90	0.10	0	D	315	45.3	-20.8	0.0	-5.6	0.0	0.0	30.1
1009	17644759.41	4846181.90	0.10	0	D	400	47.2	-20.8	0.0	-5.5	0.0	0.0	31.9
1009	17644759.41	4846181.90	0.10	0	D	500	49.0	-20.8	0.0	-5.4	0.0	0.0	33.6
1009	17644759.41	4846181.90	0.10	0	D	630	49.7	-20.8	0.0	-5.2	0.0	0.0	34.1
1009	17644759.41	4846181.90	0.10	0	D	800	52.0	-20.8	0.0	-5.0	0.0	0.0	36.2
1009	17644759.41	4846181.90	0.10	0	D	1000	52.9	-20.8	0.0	-4.6	0.0	0.0	36.7
1009	17644759.41	4846181.90	0.10	0	D	1250	52.8	-20.8	0.0	-4.1	0.0	0.0	36.1
1009	17644759.41	4846181.90	0.10	0	D	1600	52.1	-20.8	0.0	-3.2	0.0	0.0	34.5
1009	17644759.41	4846181.90	0.10	0	D	2000	51.8	-20.8	0.0	-1.9	0.0	0.0	32.9
1009	17644759.41	4846181.90	0.10	0	D	2500	50.3	-20.8	0.0	0.3	0.0	0.0	29.2
1009	17644759.41	4846181.90	0.10	0	D	3150	48.9	-20.8	0.0	4.0	0.0	0.0	24.1
1009	17644759.41	4846181.90	0.10	0	D	4000	47.0	-20.8	0.0	11.4	0.0	0.0	14.8
1015	17644729.05	4846136.62	0.10	0	D	63	33.6	-22.8	0.0	-6.0	0.0	0.0	16.7
1015	17644729.05	4846136.62	0.10	0	D	80	38.0	-22.8	0.0	-5.9	0.0	0.0	21.1
1015	17644729.05	4846136.62	0.10	0	D	100	39.9	-22.8	0.0	-5.9	0.0	0.0	23.0
1015	17644729.05	4846136.62	0.10	0	D	125	40.8	-22.8	0.0	-5.9	0.0	0.0	23.9
1015	17644729.05	4846136.62	0.10	0	D	160	41.6	-22.8	0.0	-5.8	0.0	0.0	24.6
1015	17644729.05	4846136.62	0.10	0	D	200	42.5	-22.8	0.0	-5.8	0.0	0.0	25.4
1015	17644729.05	4846136.62	0.10	0	D	250	43.7	-22.8	0.0	-5.7	0.0	0.0	26.5
1015	17644729.05	4846136.62	0.10	0	D	315	45.3	-22.8	0.0	-5.6	0.0	0.0	28.0
1015	17644729.05	4846136.62	0.10	0	D	400	47.2	-22.8	0.0	-5.4	0.0	0.0	29.8
1015	17644729.05	4846136.62	0.10	0	D	500	49.0	-22.8	0.0	-5.3	0.0	0.0	31.5
1015	17644729.05	4846136.62	0.10	0	D	630	49.7	-22.8	0.0	-5.1	0.0	0.0	32.0
1015	17644729.05	4846136.62	0.10	0	D	800	52.0	-22.8	0.0	-4.9	0.0	0.0	34.0
1015	17644729.05	4846136.62	0.10	0	D	1000	52.9	-22.8	0.0	-4.5	0.0	0.0	34.6

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1015	17644729.05	4846136.62	0.10	0	D	1250	52.8	-22.8	0.0	-4.0	0.0	0.0	34.0
1015	17644729.05	4846136.62	0.10	0	D	1600	52.1	-22.8	0.0	-3.2	0.0	0.0	32.4
1015	17644729.05	4846136.62	0.10	0	D	2000	51.8	-22.8	0.0	-2.0	0.0	0.0	30.9
1015	17644729.05	4846136.62	0.10	0	D	2500	50.3	-22.8	0.0	-0.1	0.0	0.0	27.5
1015	17644729.05	4846136.62	0.10	0	D	3150	48.9	-22.8	0.0	3.1	0.0	0.0	22.9
1015	17644729.05	4846136.62	0.10	0	D	4000	47.0	-22.8	0.0	8.5	0.0	0.0	15.6
1015	17644729.05	4846136.62	0.10	0	D	6300	42.1	-22.8	0.0	8.5	0.0	0.0	10.7
1020	17644683.51	4846068.70	0.10	0	D	63	33.6	-22.3	0.0	-5.9	0.0	0.0	17.2
1020	17644683.51	4846068.70	0.10	0	D	80	38.0	-22.3	0.0	-5.9	0.0	0.0	21.6
1020	17644683.51	4846068.70	0.10	0	D	100	39.9	-22.3	0.0	-5.9	0.0	0.0	23.5
1020	17644683.51	4846068.70	0.10	0	D	125	40.8	-22.3	0.0	-5.9	0.0	0.0	24.4
1020	17644683.51	4846068.70	0.10	0	D	160	41.6	-22.3	0.0	-5.8	0.0	0.0	25.1
1020	17644683.51	4846068.70	0.10	0	D	200	42.5	-22.3	0.0	-5.7	0.0	0.0	25.9
1020	17644683.51	4846068.70	0.10	0	D	250	43.7	-22.3	0.0	-5.6	0.0	0.0	27.0
1020	17644683.51	4846068.70	0.10	0	D	315	45.3	-22.3	0.0	-5.4	0.0	0.0	28.5
1020	17644683.51	4846068.70	0.10	0	D	400	47.2	-22.3	0.0	-5.3	0.0	0.0	30.2
1020	17644683.51	4846068.70	0.10	0	D	500	49.0	-22.3	0.0	-5.1	0.0	0.0	31.9
1020	17644683.51	4846068.70	0.10	0	D	630	49.7	-22.3	0.0	-4.9	0.0	0.0	32.4
1020	17644683.51	4846068.70	0.10	0	D	800	52.0	-22.3	0.0	-4.7	0.0	0.0	34.4
1020	17644683.51	4846068.70	0.10	0	D	1000	52.9	-22.3	0.0	-4.3	0.0	0.0	34.9
1020	17644683.51	4846068.70	0.10	0	D	1250	52.8	-22.3	0.0	-3.7	0.0	0.0	34.3
1020	17644683.51	4846068.70	0.10	0	D	1600	52.1	-22.3	0.0	-2.8	0.0	0.0	32.6
1020	17644683.51	4846068.70	0.10	0	D	2000	51.8	-22.3	0.0	-1.5	0.0	0.0	31.1
1020	17644683.51	4846068.70	0.10	0	D	2500	50.3	-22.3	0.0	0.5	0.0	0.0	27.6
1020	17644683.51	4846068.70	0.10	0	D	3150	48.9	-22.3	0.0	3.6	0.0	0.0	23.0
1020	17644683.51	4846068.70	0.10	0	D	4000	47.0	-22.3	0.0	8.8	0.0	0.0	15.9
1020	17644683.51	4846068.70	0.10	0	D	6300	42.1	-22.3	0.0	8.8	0.0	0.0	11.1
2489	17644759.41	4846181.90	1.52	0	D	63	29.7	-20.8	0.0	-5.5	0.0	0.0	14.4
2489	17644759.41	4846181.90	1.52	0	D	80	34.1	-20.8	0.0	-5.4	0.0	0.0	18.7
2489	17644759.41	4846181.90	1.52	0	D	100	36.2	-20.8	0.0	-5.1	0.0	0.0	20.5
2489	17644759.41	4846181.90	1.52	0	D	125	37.4	-20.8	0.0	-4.7	0.0	0.0	21.4
2489	17644759.41	4846181.90	1.52	0	D	160	38.6	-20.8	0.0	-3.9	0.0	0.0	21.8
2489	17644759.41	4846181.90	1.52	0	D	200	40.2	-20.8	0.0	-2.4	0.0	0.0	21.8
2489	17644759.41	4846181.90	1.52	0	D	250	42.4	-20.8	0.0	2.0	0.0	0.0	19.6
2489	17644759.41	4846181.90	1.52	0	D	315	45.1	-20.8	0.0	12.4	0.0	0.0	11.9
2489	17644759.41	4846181.90	1.52	0	D	400	48.0	-20.8	0.0	6.1	0.0	0.0	21.2
2489	17644759.41	4846181.90	1.52	0	D	500	51.3	-20.8	0.0	-1.9	0.0	0.0	32.4
2489	17644759.41	4846181.90	1.52	0	D	630	54.5	-20.8	0.0	-5.1	0.0	0.0	38.8
2489	17644759.41	4846181.90	1.52	0	D	800	49.7	-20.8	0.0	-4.1	0.0	0.0	33.0
2489	17644759.41	4846181.90	1.52	0	D	1000	50.8	-20.8	0.0	12.1	0.0	0.0	17.9
2489	17644759.41	4846181.90	1.52	0	D	1250	47.0	-20.8	0.0	-3.4	0.0	0.0	29.6
2489	17644759.41	4846181.90	1.52	0	D	1600	47.8	-20.8	0.0	1.4	0.0	0.0	25.6
2489	17644759.41	4846181.90	1.52	0	D	2000	43.8	-20.8	0.0	-3.5	0.0	0.0	26.6
2489	17644759.41	4846181.90	1.52	0	D	2500	40.6	-20.8	0.0	4.5	0.0	0.0	15.3
2489	17644759.41	4846181.90	1.52	0	D	4000	34.8	-20.8	0.0	2.2	0.0	0.0	11.9
2493	17644729.05	4846136.62	1.52	0	D	63	29.7	-22.8	0.0	-5.6	0.0	0.0	12.5
2493	17644729.05	4846136.62	1.52	0	D	80	34.1	-22.8	0.0	-5.5	0.0	0.0	16.8
2493	17644729.05	4846136.62	1.52	0	D	100	36.2	-22.8	0.0	-5.4	0.0	0.0	18.7
2493	17644729.05	4846136.62	1.52	0	D	125	37.4	-22.8	0.0	-5.1	0.0	0.0	19.7
2493	17644729.05	4846136.62	1.52	0	D	160	38.6	-22.8	0.0	-4.5	0.0	0.0	20.3
2493	17644729.05	4846136.62	1.52	0	D	200	40.2	-22.8	0.0	-3.5	0.0	0.0	20.8
2493	17644729.05	4846136.62	1.52	0	D	250	42.4	-22.8	0.0	-1.3	0.0	0.0	20.9
2493	17644729.05	4846136.62	1.52	0	D	315	45.1	-22.8	0.0	2.3	0.0	0.0	20.0
2493	17644729.05	4846136.62	1.52	0	D	400	48.0	-22.8	0.0	14.0	0.0	0.0	11.2
2493	17644729.05	4846136.62	1.52	0	D	500	51.3	-22.8	0.0	6.4	0.0	0.0	22.1
2493	17644729.05	4846136.62	1.52	0	D	630	54.5	-22.8	0.0	-1.8	0.0	0.0	33.4
2493	17644729.05	4846136.62	1.52	0	D	800	49.7	-22.8	0.0	-4.9	0.0	0.0	31.8
2493	17644729.05	4846136.62	1.52	0	D	1000	50.8	-22.8	0.0	-3.7	0.0	0.0	31.6
2493	17644729.05	4846136.62	1.52	0	D	1250	47.0	-22.8	0.0	11.7	0.0	0.0	12.4
2493	17644729.05	4846136.62	1.52	0	D	1600	47.8	-22.8	0.0	-3.2	0.0	0.0	28.1
2493	17644729.05	4846136.62	1.52	0	D	2000	43.8	-22.8	0.0	2.1	0.0	0.0	18.9
2493	17644729.05	4846136.62	1.52	0	D	2500	40.6	-22.8	0.0	-1.8	0.0	0.0	19.6
2497	17644683.51	4846068.70	1.52	0	D	63	29.7	-22.3	0.0	-5.7	0.0	0.0	13.2

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2497	17644683.51	4846068.70	1.52	0	D	80	34.1	-22.3	0.0	-5.7	0.0	0.0	17.5
2497	17644683.51	4846068.70	1.52	0	D	100	36.2	-22.3	0.0	-5.5	0.0	0.0	19.5
2497	17644683.51	4846068.70	1.52	0	D	125	37.4	-22.3	0.0	-5.4	0.0	0.0	20.5
2497	17644683.51	4846068.70	1.52	0	D	160	38.6	-22.3	0.0	-5.0	0.0	0.0	21.4
2497	17644683.51	4846068.70	1.52	0	D	200	40.2	-22.3	0.0	-4.4	0.0	0.0	22.3
2497	17644683.51	4846068.70	1.52	0	D	250	42.4	-22.3	0.0	-3.2	0.0	0.0	23.4
2497	17644683.51	4846068.70	1.52	0	D	315	45.1	-22.3	0.0	-1.5	0.0	0.0	24.4
2497	17644683.51	4846068.70	1.52	0	D	400	48.0	-22.3	0.0	1.8	0.0	0.0	24.0
2497	17644683.51	4846068.70	1.52	0	D	500	51.3	-22.3	0.0	9.7	0.0	0.0	19.3
2497	17644683.51	4846068.70	1.52	0	D	630	54.5	-22.3	0.0	9.7	0.0	0.0	22.5
2497	17644683.51	4846068.70	1.52	0	D	800	49.7	-22.3	0.0	-0.5	0.0	0.0	27.9
2497	17644683.51	4846068.70	1.52	0	D	1000	50.8	-22.3	0.0	-3.9	0.0	0.0	32.5
2497	17644683.51	4846068.70	1.52	0	D	1250	47.0	-22.3	0.0	-3.7	0.0	0.0	28.4
2497	17644683.51	4846068.70	1.52	0	D	1600	47.8	-22.3	0.0	7.4	0.0	0.0	18.1
2497	17644683.51	4846068.70	1.52	0	D	2000	43.8	-22.3	0.0	0.3	0.0	0.0	21.3
2497	17644683.51	4846068.70	1.52	0	D	2500	40.6	-22.3	0.0	0.8	0.0	0.0	17.6
2497	17644683.51	4846068.70	1.52	0	D	3150	37.8	-22.3	0.0	3.9	0.0	0.0	11.7

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3079	17645036.40	4846233.32	4.44	0	D	84.6	5.6	11.7	0.0	0.0	0.0	67.4
3080	17644996.28	4846221.45	4.44	0	D	84.6	5.6	10.5	0.0	0.0	0.0	68.5
3081	17644972.51	4846214.41	4.44	0	D	84.6	5.6	11.7	0.0	0.0	0.0	67.4
3082	17644956.67	4846209.72	4.44	0	D	84.6	5.6	10.7	0.0	0.0	0.0	68.4
3083	17644939.85	4846204.74	4.44	0	D	84.6	5.6	9.7	0.0	0.0	0.0	69.3
3084	17644922.07	4846199.48	4.44	0	D	84.6	5.6	10.1	0.0	0.0	0.0	68.9
3085	17644904.29	4846194.21	4.44	0	D	84.6	5.6	11.2	0.0	0.0	0.0	67.8
3086	17644886.50	4846188.95	4.44	0	D	84.6	5.6	12.6	0.0	0.0	0.0	66.4
3087	17644859.83	4846181.05	4.44	0	D	84.6	5.6	11.7	0.0	0.0	0.0	67.3
3088	17644824.26	4846170.53	4.44	0	D	84.6	5.6	14.2	0.0	0.0	0.0	64.9
3094	17645036.40	4846233.32	2.30	0	D	71.5	5.6	11.6	0.0	0.0	0.0	54.2
3095	17644996.28	4846221.45	2.30	0	D	71.5	5.6	10.5	0.0	0.0	0.0	55.3
3096	17644972.51	4846214.41	2.30	0	D	71.5	5.6	11.7	0.0	0.0	0.0	54.1
3097	17644956.67	4846209.72	2.30	0	D	71.5	5.6	10.7	0.0	0.0	0.0	55.1
3098	17644939.85	4846204.74	2.30	0	D	71.5	5.6	9.8	0.0	0.0	0.0	56.1
3099	17644922.07	4846199.48	2.30	0	D	71.5	5.6	10.2	0.0	0.0	0.0	55.7
3100	17644904.29	4846194.21	2.30	0	D	71.5	5.6	11.3	0.0	0.0	0.0	54.6
3101	17644886.50	4846188.95	2.30	0	D	71.5	5.6	12.6	0.0	0.0	0.0	53.2
3102	17644859.83	4846181.05	2.30	0	D	71.5	5.6	11.7	0.0	0.0	0.0	54.2
3103	17644824.26	4846170.53	2.30	0	D	71.5	5.6	14.1	0.0	0.0	0.0	51.7
3139	17645036.40	4846233.32	2.61	0	D	77.1	5.6	11.6	0.0	0.0	0.0	59.8
3140	17644996.28	4846221.45	2.61	0	D	77.1	5.6	10.5	0.0	0.0	0.0	60.9
3141	17644972.51	4846214.41	2.61	0	D	77.1	5.6	11.7	0.0	0.0	0.0	59.8
3142	17644956.67	4846209.72	2.61	0	D	77.1	5.6	10.7	0.0	0.0	0.0	60.7
3143	17644939.85	4846204.74	2.61	0	D	77.1	5.6	9.8	0.0	0.0	0.0	61.7
3144	17644922.07	4846199.48	2.61	0	D	77.1	5.6	10.2	0.0	0.0	0.0	61.3
3146	17644904.29	4846194.21	2.61	0	D	77.1	5.6	11.2	0.0	0.0	0.0	60.2
3147	17644886.50	4846188.95	2.61	0	D	77.1	5.6	12.6	0.0	0.0	0.0	58.8
3148	17644859.83	4846181.05	2.61	0	D	77.1	5.6	11.7	0.0	0.0	0.0	59.8
3149	17644824.26	4846170.53	2.61	0	D	77.1	5.6	14.2	0.0	0.0	0.0	57.3
3170	17644771.05	4846154.94	4.44	0	D	84.6	5.6	14.0	0.0	0.0	0.0	65.0
3171	17644700.20	4846134.30	4.44	0	D	84.6	5.6	16.9	0.0	0.0	0.0	62.1
3192	17644771.05	4846154.94	2.30	0	D	71.5	5.7	13.9	0.0	0.0	0.0	51.9
3193	17644700.20	4846134.30	2.30	0	D	71.5	5.7	16.8	0.0	0.0	0.0	49.0
3199	17644596.30	4846101.91	4.44	0	D	84.6	5.0	17.6	0.0	0.0	0.0	62.0
3206	17644771.05	4846154.94	2.61	0	D	77.1	5.7	13.9	0.0	0.0	0.0	57.5
3207	17644700.20	4846134.30	2.61	0	D	77.1	5.7	16.8	0.0	0.0	0.0	54.6
3219	17644481.68	4846061.15	4.44	0	D	84.6	2.5	24.3	0.0	0.0	0.0	57.8
3220	17644596.30	4846101.91	2.30	0	D	71.5	5.1	17.5	0.0	0.0	0.0	48.9
3226	17644384.37	4846018.03	4.44	0	D	84.6	3.5	24.5	0.0	0.0	0.0	56.6
3227	17644596.30	4846101.91	2.61	0	D	77.1	5.1	17.5	0.0	0.0	0.0	54.5
3230	17644127.74	4845869.30	4.44	0	D	84.6	8.8	21.1	0.0	0.0	0.0	54.7

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3243	17644302.65	4845976.62	4.44	0	D	84.6	6.5	24.9	0.0	0.0	0.0	53.3
3244	17644481.68	4846061.15	2.30	0	D	71.5	2.8	24.0	0.0	0.0	0.0	44.7
3257	17644384.37	4846018.03	2.30	0	D	71.5	3.7	24.3	0.0	0.0	0.0	43.5
3261	17644481.68	4846061.15	2.61	0	D	77.1	2.8	24.0	0.0	0.0	0.0	50.3
3266	17644251.35	4845947.39	4.44	0	D	84.6	7.5	26.2	0.0	0.0	0.0	50.9
3277	17644384.37	4846018.03	2.61	0	D	77.1	3.7	24.3	0.0	0.0	0.0	49.1
3280	17644127.74	4845869.30	2.30	0	D	71.5	8.8	21.1	0.0	0.0	0.0	41.6
3284	17644213.57	4845924.43	4.44	0	D	84.6	8.4	26.6	0.0	0.0	0.0	49.6
3294	17644035.27	4845810.38	4.44	0	D	84.6	7.8	27.8	0.0	0.0	0.0	49.0
3302	17644302.65	4845976.62	2.30	0	D	71.5	6.5	24.8	0.0	0.0	0.0	40.1
3303	17644127.74	4845869.30	2.61	0	D	77.1	8.8	21.1	0.0	0.0	0.0	47.2
3321	17644302.65	4845976.62	2.61	0	D	77.1	6.5	24.8	0.0	0.0	0.0	45.7
3325	17644251.35	4845947.39	2.30	0	D	71.5	7.5	26.2	0.0	0.0	0.0	37.8
3329	17644213.57	4845924.43	2.30	0	D	71.5	8.4	26.5	0.0	0.0	0.0	36.5
3330	17644251.35	4845947.39	2.61	0	D	77.1	7.5	26.2	0.0	0.0	0.0	43.4
3332	17644035.27	4845810.38	2.30	0	D	71.5	7.9	27.8	0.0	0.0	0.0	35.8
3336	17644213.57	4845924.43	2.61	0	D	77.1	8.4	26.5	0.0	0.0	0.0	42.1
3339	17644035.27	4845810.38	2.61	0	D	77.1	7.9	27.8	0.0	0.0	0.0	41.4

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3089	17644695.40	4846128.03	4.44	0	D	78.6	5.9	17.5	0.0	0.0	0.0	55.3
3090	17644756.93	4846146.14	4.44	0	D	78.6	5.9	15.1	0.0	0.0	0.0	57.7
3091	17644818.46	4846164.24	4.44	0	D	78.6	5.9	11.9	0.0	0.0	0.0	60.8
3092	17644864.61	4846177.83	4.44	0	D	78.6	5.9	12.0	0.0	0.0	0.0	60.8
3093	17644895.38	4846186.88	4.44	0	D	78.6	5.9	9.7	0.0	0.0	0.0	63.1
3115	17644920.84	4846194.33	4.44	0	D	78.6	5.9	9.9	0.0	0.0	0.0	62.8
3116	17644941.00	4846200.17	4.44	0	D	78.6	5.9	9.5	0.0	0.0	0.0	63.3
3117	17644959.87	4846205.65	4.44	0	D	78.6	5.9	10.6	0.0	0.0	0.0	62.2
3118	17644977.46	4846210.74	4.44	0	D	78.6	5.9	11.6	0.0	0.0	0.0	61.1
3119	17645003.83	4846218.39	4.44	0	D	78.6	5.9	10.5	0.0	0.0	0.0	62.2
3120	17645040.57	4846229.05	4.44	0	D	78.6	5.9	12.8	0.0	0.0	0.0	60.0
3121	17644695.40	4846128.03	2.30	0	D	71.6	5.9	17.4	0.0	0.0	0.0	48.2
3122	17644756.93	4846146.14	2.30	0	D	71.6	5.9	15.1	0.0	0.0	0.0	50.6
3123	17644818.46	4846164.24	2.30	0	D	71.6	5.9	11.9	0.0	0.0	0.0	53.7
3124	17644864.61	4846177.83	2.30	0	D	71.6	5.9	12.0	0.0	0.0	0.0	53.7
3125	17644895.38	4846186.88	2.30	0	D	71.6	5.9	9.7	0.0	0.0	0.0	55.9
3150	17644920.84	4846194.33	2.30	0	D	71.6	5.9	10.0	0.0	0.0	0.0	55.6
3151	17644941.00	4846200.17	2.30	0	D	71.6	5.9	9.6	0.0	0.0	0.0	56.1
3152	17644959.87	4846205.65	2.30	0	D	71.6	5.9	10.6	0.0	0.0	0.0	55.0
3153	17644977.46	4846210.74	2.30	0	D	71.6	5.9	11.7	0.0	0.0	0.0	54.0
3154	17645003.83	4846218.39	2.30	0	D	71.6	5.9	10.5	0.0	0.0	0.0	55.1
3155	17645040.57	4846229.05	2.30	0	D	71.6	5.9	12.8	0.0	0.0	0.0	52.9
3176	17645091.12	4846243.70	4.44	0	D	78.6	5.9	13.5	0.0	0.0	0.0	59.3
3177	17645153.91	4846261.91	4.44	0	D	78.6	5.9	16.3	0.0	0.0	0.0	56.5
3181	17645091.12	4846243.70	2.30	0	D	71.6	5.9	13.4	0.0	0.0	0.0	52.2
3182	17645153.91	4846261.91	2.30	0	D	71.6	5.9	16.2	0.0	0.0	0.0	49.4
3194	17644695.40	4846128.03	2.61	0	D	71.1	5.9	17.4	0.0	0.0	0.0	47.7
3195	17644756.93	4846146.14	2.61	0	D	71.1	5.9	15.1	0.0	0.0	0.0	50.1
3196	17644818.46	4846164.24	2.61	0	D	71.1	5.9	11.9	0.0	0.0	0.0	53.3
3197	17644864.61	4846177.83	2.61	0	D	71.1	5.9	12.0	0.0	0.0	0.0	53.2
3198	17644895.38	4846186.88	2.61	0	D	71.1	5.9	9.7	0.0	0.0	0.0	55.5
3200	17644920.84	4846194.33	2.61	0	D	71.1	5.9	10.0	0.0	0.0	0.0	55.1
3201	17644941.00	4846200.17	2.61	0	D	71.1	5.9	9.6	0.0	0.0	0.0	55.6
3202	17644959.87	4846205.65	2.61	0	D	71.1	5.9	10.6	0.0	0.0	0.0	54.5
3203	17644977.46	4846210.74	2.61	0	D	71.1	5.9	11.7	0.0	0.0	0.0	53.5
3204	17645003.83	4846218.39	2.61	0	D	71.1	5.9	10.5	0.0	0.0	0.0	54.6
3205	17645040.57	4846229.05	2.61	0	D	71.1	5.9	12.8	0.0	0.0	0.0	52.4
3208	17645242.59	4846287.44	4.44	0	D	78.6	5.9	26.2	0.0	0.0	0.0	46.6
3209	17645301.22	4846304.37	4.44	0	D	78.6	5.9	18.4	0.0	0.0	0.0	54.3
3210	17645405.67	4846334.53	4.44	0	D	78.6	5.9	20.6	0.0	0.0	0.0	52.1
3211	17645242.59	4846287.44	2.30	0	D	71.6	5.9	26.1	0.0	0.0	0.0	39.5

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3212	17645301.22	4846304.37	2.30	0	D	71.6	5.9	18.4	0.0	0.0	0.0	47.3
3213	17645405.67	4846334.53	2.30	0	D	71.6	5.9	20.6	0.0	0.0	0.0	45.1
3214	17644596.82	4846097.28	4.44	0	D	78.6	5.4	17.2	0.0	0.0	0.0	56.0
3218	17644596.82	4846097.28	2.30	0	D	71.6	5.5	17.2	0.0	0.0	0.0	48.9
3229	17644483.10	4846056.90	4.44	0	D	78.6	2.7	24.1	0.0	0.0	0.0	51.8
3231	17645217.98	4846280.30	4.44	0	D	78.6	5.9	20.9	0.0	0.0	0.0	51.9
3235	17644386.14	4846013.66	4.44	0	D	78.6	3.3	24.7	0.0	0.0	0.0	50.7
3236	17644483.10	4846056.90	2.30	0	D	71.6	3.0	23.8	0.0	0.0	0.0	44.7
3237	17645217.98	4846280.30	2.30	0	D	71.6	6.0	20.8	0.0	0.0	0.0	44.8
3239	17645091.12	4846243.70	2.61	0	D	71.1	5.9	13.4	0.0	0.0	0.0	51.7
3240	17645153.91	4846261.91	2.61	0	D	71.1	5.9	16.2	0.0	0.0	0.0	48.9
3248	17644386.14	4846013.66	2.30	0	D	71.6	3.5	24.5	0.0	0.0	0.0	43.6
3260	17645192.54	4846273.02	4.44	0	D	78.6	5.7	24.3	0.0	0.0	0.0	48.6
3262	17644141.64	4845873.31	4.44	0	D	78.6	8.6	22.0	0.0	0.0	0.0	48.0
3265	17645573.29	4846383.74	4.44	0	D	78.6	6.2	24.4	0.0	0.0	0.0	48.0
3270	17645458.55	4846349.80	4.44	0	D	78.6	6.2	40.3	0.0	0.0	0.0	32.1
3271	17645483.89	4846357.39	4.44	0	D	78.6	6.2	24.9	0.0	0.0	0.0	47.5
3273	17644304.73	4845972.37	4.44	0	D	78.6	6.0	25.4	0.0	0.0	0.0	47.3
3274	17645192.54	4846273.02	2.30	0	D	71.6	5.7	24.3	0.0	0.0	0.0	41.6
3279	17644141.64	4845873.31	2.30	0	D	71.6	8.6	22.0	0.0	0.0	0.0	41.0
3281	17645573.29	4846383.74	2.30	0	D	71.6	6.3	24.3	0.0	0.0	0.0	40.9
3285	17645458.55	4846349.80	2.30	0	D	71.6	6.3	40.2	0.0	0.0	0.0	25.0
3286	17645483.89	4846357.39	2.30	0	D	71.6	6.3	24.9	0.0	0.0	0.0	40.4
3288	17644304.73	4845972.37	2.30	0	D	71.6	6.1	25.3	0.0	0.0	0.0	40.2
3291	17645242.59	4846287.44	2.61	0	D	71.1	5.9	26.1	0.0	0.0	0.0	39.1
3292	17645301.22	4846304.37	2.61	0	D	71.1	5.9	18.4	0.0	0.0	0.0	46.8
3293	17645405.67	4846334.53	2.61	0	D	71.1	5.9	20.6	0.0	0.0	0.0	44.6
3300	17645635.08	4846402.49	4.44	0	D	78.6	6.6	26.7	0.0	0.0	0.0	45.4
3305	17644253.44	4845943.38	4.44	0	D	78.6	7.1	26.5	0.0	0.0	0.0	45.0
3309	17644596.82	4846097.28	2.61	0	D	71.1	5.5	17.2	0.0	0.0	0.0	48.4
3313	17645522.33	4846368.69	4.44	0	D	78.6	5.6	28.6	0.0	0.0	0.0	44.4
3314	17645635.08	4846402.49	2.30	0	D	71.6	6.6	26.6	0.0	0.0	0.0	38.3
3316	17644253.44	4845943.38	2.30	0	D	71.6	7.1	26.5	0.0	0.0	0.0	37.9
3318	17644215.37	4845920.45	4.44	0	D	78.6	8.1	26.9	0.0	0.0	0.0	43.7
3324	17645522.33	4846368.69	2.30	0	D	71.6	5.7	28.6	0.0	0.0	0.0	37.3
3326	17644215.37	4845920.45	2.30	0	D	71.6	8.1	26.9	0.0	0.0	0.0	36.6
3327	17644067.12	4845825.49	4.44	0	D	78.6	8.3	28.2	0.0	0.0	0.0	42.1
3331	17644067.12	4845825.49	2.30	0	D	71.6	8.3	28.2	0.0	0.0	0.0	35.1
3333	17645667.65	4846412.62	4.44	0	D	78.6	7.0	31.5	0.0	0.0	0.0	40.1
3335	17644483.10	4846056.90	2.61	0	D	71.1	3.0	23.8	0.0	0.0	0.0	44.3
3337	17645217.98	4846280.30	2.61	0	D	71.1	5.9	20.8	0.0	0.0	0.0	44.3
3340	17645667.65	4846412.62	2.30	0	D	71.6	7.0	31.5	0.0	0.0	0.0	33.0
3342	17644386.14	4846013.66	2.61	0	D	71.1	3.4	24.5	0.0	0.0	0.0	43.1
3343	17644042.39	4845809.86	4.44	0	D	78.6	8.2	32.8	0.0	0.0	0.0	37.7
3344	17644022.11	4845796.87	4.44	0	D	78.6	10.0	31.7	0.0	0.0	0.0	36.9
3345	17644042.39	4845809.86	2.30	0	D	71.6	8.2	32.8	0.0	0.0	0.0	30.6
3346	17645192.54	4846273.02	2.61	0	D	71.1	5.7	24.3	0.0	0.0	0.0	41.1
3347	17644141.64	4845873.31	2.61	0	D	71.1	8.6	22.0	0.0	0.0	0.0	40.5
3348	17644022.11	4845796.87	2.30	0	D	71.6	10.0	31.7	0.0	0.0	0.0	29.9
3349	17645573.29	4846383.74	2.61	0	D	71.1	6.3	24.4	0.0	0.0	0.0	40.4
3351	17645483.89	4846357.39	2.61	0	D	71.1	6.3	24.9	0.0	0.0	0.0	39.9
3352	17644031.74	4845803.27	4.44	0	D	78.6	7.2	36.4	0.0	0.0	0.0	35.0
3353	17644304.73	4845972.37	2.61	0	D	71.1	6.1	25.3	0.0	0.0	0.0	39.7
3354	17644031.74	4845803.27	2.30	0	D	71.6	7.3	36.3	0.0	0.0	0.0	27.9
3355	17645635.08	4846402.49	2.61	0	D	71.1	6.6	26.6	0.0	0.0	0.0	37.8
3356	17644253.44	4845943.38	2.61	0	D	71.1	7.1	26.5	0.0	0.0	0.0	37.4
3357	17645522.33	4846368.69	2.61	0	D	71.1	5.7	28.6	0.0	0.0	0.0	36.8
3358	17644215.37	4845920.45	2.61	0	D	71.1	8.1	26.9	0.0	0.0	0.0	36.1
3359	17644067.12	4845825.49	2.61	0	D	71.1	8.3	28.2	0.0	0.0	0.0	34.6
3360	17645667.65	4846412.62	2.61	0	D	71.1	7.0	31.5	0.0	0.0	0.0	32.6
3361	17644042.39	4845809.86	2.61	0	D	71.1	8.2	32.8	0.0	0.0	0.0	30.1
3362	17644022.11	4845796.87	2.61	0	D	71.1	10.0	31.7	0.0	0.0	0.0	29.4
3363	17644031.74	4845803.27	2.61	0	D	71.1	7.3	36.3	0.0	0.0	0.0	27.5

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3104	17645021.40	4846211.17	2.30	0	D	71.5	6.6	10.6	0.0	0.0	0.0	54.3
3105	17644988.94	4846202.19	2.30	0	D	71.5	6.6	11.6	0.0	0.0	0.0	53.3
3106	17644967.30	4846196.21	2.30	0	D	71.5	6.6	10.5	0.0	0.0	0.0	54.4
3107	17644954.31	4846192.62	2.30	0	D	71.5	6.6	17.0	0.0	0.0	0.0	47.9
3108	17644943.23	4846189.55	2.30	0	D	71.5	6.6	10.8	0.0	0.0	0.0	54.1
3109	17644925.38	4846184.62	2.30	0	D	71.5	6.6	11.0	0.0	0.0	0.0	53.9
3110	17644898.62	4846177.22	2.30	0	D	71.5	6.6	9.2	0.0	0.0	0.0	55.7
3111	17644862.93	4846167.35	2.30	0	D	71.5	6.6	11.4	0.0	0.0	0.0	53.4
3112	17644827.24	4846157.48	2.30	0	D	71.5	6.6	13.6	0.0	0.0	0.0	51.3
3113	17644773.71	4846142.68	2.30	0	D	71.5	6.6	13.2	0.0	0.0	0.0	51.7
3114	17644702.34	4846122.94	2.30	0	D	71.5	6.6	16.0	0.0	0.0	0.0	48.9
3126	17645021.40	4846211.17	4.44	0	D	78.6	6.5	10.6	0.0	0.0	0.0	61.5
3127	17644988.94	4846202.19	4.44	0	D	78.6	6.5	11.6	0.0	0.0	0.0	60.5
3128	17644967.30	4846196.21	4.44	0	D	78.6	6.5	10.4	0.0	0.0	0.0	61.6
3129	17644954.31	4846192.62	4.44	0	D	78.6	6.5	17.0	0.0	0.0	0.0	55.1
3130	17644943.23	4846189.55	4.44	0	D	78.6	6.5	10.7	0.0	0.0	0.0	61.4
3131	17644925.38	4846184.62	4.44	0	D	78.6	6.5	11.0	0.0	0.0	0.0	61.1
3133	17644898.62	4846177.22	4.44	0	D	78.6	6.5	9.2	0.0	0.0	0.0	62.9
3134	17644862.93	4846167.35	4.44	0	D	78.6	6.5	11.4	0.0	0.0	0.0	60.6
3135	17644827.24	4846157.48	4.44	0	D	78.6	6.5	13.6	0.0	0.0	0.0	58.4
3136	17644773.71	4846142.68	4.44	0	D	78.6	6.5	13.2	0.0	0.0	0.0	58.8
3137	17644702.34	4846122.94	4.44	0	D	78.6	6.5	16.0	0.0	0.0	0.0	56.0
3156	17645021.40	4846211.17	2.61	0	D	77.1	6.6	10.6	0.0	0.0	0.0	59.9
3157	17644988.94	4846202.19	2.61	0	D	77.1	6.6	11.6	0.0	0.0	0.0	58.9
3158	17644967.30	4846196.21	2.61	0	D	77.1	6.6	10.5	0.0	0.0	0.0	60.0
3159	17644954.31	4846192.62	2.61	0	D	77.1	6.6	17.0	0.0	0.0	0.0	53.5
3160	17644943.23	4846189.55	2.61	0	D	77.1	6.6	10.7	0.0	0.0	0.0	59.7
3161	17644925.38	4846184.62	2.61	0	D	77.1	6.6	11.0	0.0	0.0	0.0	59.5
3162	17644898.62	4846177.22	2.61	0	D	77.1	6.6	9.2	0.0	0.0	0.0	61.3
3163	17644862.93	4846167.35	2.61	0	D	77.1	6.6	11.4	0.0	0.0	0.0	59.1
3164	17644827.24	4846157.48	2.61	0	D	77.1	6.6	13.6	0.0	0.0	0.0	56.9
3165	17644773.71	4846142.68	2.61	0	D	77.1	6.6	13.2	0.0	0.0	0.0	57.3
3166	17644702.34	4846122.94	2.61	0	D	77.1	6.6	16.0	0.0	0.0	0.0	54.5
3221	17644599.04	4846091.03	2.30	0	D	71.5	5.8	16.9	0.0	0.0	0.0	48.8
3224	17644599.04	4846091.03	4.44	0	D	78.6	5.7	16.9	0.0	0.0	0.0	55.9
3228	17644599.04	4846091.03	2.61	0	D	77.1	5.8	16.9	0.0	0.0	0.0	54.4
3246	17644485.48	4846050.83	2.30	0	D	71.5	3.8	23.0	0.0	0.0	0.0	44.6
3256	17644485.48	4846050.83	4.44	0	D	78.6	3.6	23.2	0.0	0.0	0.0	51.8
3258	17644388.26	4846009.07	2.30	0	D	71.5	2.6	25.4	0.0	0.0	0.0	43.5
3263	17644485.48	4846050.83	2.61	0	D	77.1	3.8	23.0	0.0	0.0	0.0	50.2
3264	17644388.26	4846009.07	4.44	0	D	78.6	2.3	25.7	0.0	0.0	0.0	50.6
3278	17644388.26	4846009.07	2.61	0	D	77.1	2.6	25.4	0.0	0.0	0.0	49.1
3304	17644306.82	4845968.87	2.30	0	D	71.5	5.8	25.6	0.0	0.0	0.0	40.1
3310	17644306.82	4845968.87	4.44	0	D	78.6	5.7	25.7	0.0	0.0	0.0	47.2
3322	17644306.82	4845968.87	2.61	0	D	77.1	5.8	25.6	0.0	0.0	0.0	45.7

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3167	17645077.12	4846227.61	4.44	0	D	84.6	6.7	11.7	0.0	0.0	0.0	66.3
3168	17645144.93	4846248.09	4.44	0	D	84.6	6.7	14.8	0.0	0.0	0.0	63.2
3169	17645207.30	4846266.93	4.44	0	D	84.6	6.7	17.7	0.0	0.0	0.0	60.2
3173	17645077.12	4846227.61	2.30	0	D	71.5	6.7	11.6	0.0	0.0	0.0	53.1
3174	17645144.93	4846248.09	2.30	0	D	71.5	6.7	14.7	0.0	0.0	0.0	50.0
3175	17645207.30	4846266.93	2.30	0	D	71.5	6.7	17.7	0.0	0.0	0.0	47.1
3183	17645077.12	4846227.61	2.61	0	D	77.1	6.7	11.6	0.0	0.0	0.0	58.7
3184	17645144.93	4846248.09	2.61	0	D	77.1	6.7	14.7	0.0	0.0	0.0	55.6
3185	17645207.30	4846266.93	2.61	0	D	77.1	6.7	17.7	0.0	0.0	0.0	52.7
3215	17645361.67	4846316.06	4.44	0	D	84.6	6.9	18.3	0.0	0.0	0.0	59.4
3216	17645265.35	4846285.13	4.44	0	D	84.6	7.0	18.9	0.0	0.0	0.0	58.7
3217	17645300.12	4846296.40	4.44	0	D	84.6	7.0	27.3	0.0	0.0	0.0	50.3
3222	17645476.61	4846351.30	4.44	0	D	84.6	6.2	26.2	0.0	0.0	0.0	52.2
3223	17645542.25	4846370.53	4.44	0	D	84.6	6.2	22.9	0.0	0.0	0.0	55.5

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3232	17645361.67	4846316.06	2.30	0	D	71.5	7.0	18.3	0.0	0.0	0.0	46.2
3233	17645265.35	4846285.13	2.30	0	D	71.5	7.1	18.8	0.0	0.0	0.0	45.6
3234	17645300.12	4846296.40	2.30	0	D	71.5	7.1	27.3	0.0	0.0	0.0	37.1
3241	17645629.49	4846397.37	4.44	0	D	84.6	7.3	23.7	0.0	0.0	0.0	53.5
3242	17645438.36	4846340.04	4.44	0	D	84.6	6.3	24.9	0.0	0.0	0.0	53.4
3245	17645361.67	4846316.06	2.61	0	D	77.1	7.0	18.3	0.0	0.0	0.0	51.8
3249	17645265.35	4846285.13	2.61	0	D	77.1	7.1	18.8	0.0	0.0	0.0	51.2
3252	17645300.12	4846296.40	2.61	0	D	77.1	7.1	27.3	0.0	0.0	0.0	42.8
3253	17645476.61	4846351.30	2.30	0	D	71.5	6.3	26.1	0.0	0.0	0.0	39.1
3254	17645542.25	4846370.53	2.30	0	D	71.5	6.3	22.8	0.0	0.0	0.0	42.4
3268	17645476.61	4846351.30	2.61	0	D	77.1	6.3	26.1	0.0	0.0	0.0	44.7
3269	17645542.25	4846370.53	2.61	0	D	77.1	6.3	22.8	0.0	0.0	0.0	48.0
3299	17645629.49	4846397.37	2.30	0	D	71.5	7.4	23.7	0.0	0.0	0.0	40.4
3301	17645438.36	4846340.04	2.30	0	D	71.5	6.4	24.8	0.0	0.0	0.0	40.3
3317	17645629.49	4846397.37	2.61	0	D	77.1	7.4	23.7	0.0	0.0	0.0	46.0
3320	17645438.36	4846340.04	2.61	0	D	77.1	6.4	24.8	0.0	0.0	0.0	45.9

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3178	17645098.36	4846251.64	2.30	0	D	71.5	5.6	13.3	0.0	0.0	0.0	52.5
3179	17645172.45	4846273.62	2.30	0	D	71.5	5.6	16.5	0.0	0.0	0.0	49.4
3180	17645222.06	4846288.34	2.30	0	D	71.5	5.6	22.9	0.0	0.0	0.0	43.0
3186	17645098.36	4846251.64	4.44	0	D	78.6	5.6	13.4	0.0	0.0	0.0	59.7
3187	17645172.45	4846273.62	4.44	0	D	78.6	5.6	16.6	0.0	0.0	0.0	56.5
3188	17645222.06	4846288.34	4.44	0	D	78.6	5.6	22.9	0.0	0.0	0.0	50.1
3189	17645098.36	4846251.64	2.61	0	D	77.1	5.6	13.3	0.0	0.0	0.0	58.1
3190	17645172.45	4846273.62	2.61	0	D	77.1	5.6	16.5	0.0	0.0	0.0	55.0
3191	17645222.06	4846288.34	2.61	0	D	77.1	5.6	22.9	0.0	0.0	0.0	48.6
3238	17645263.45	4846300.11	2.30	0	D	71.5	5.3	20.8	0.0	0.0	0.0	45.4
3247	17645263.45	4846300.11	4.44	0	D	78.6	5.2	20.8	0.0	0.0	0.0	52.6
3255	17645263.45	4846300.11	2.61	0	D	77.1	5.3	20.8	0.0	0.0	0.0	51.0
3259	17645353.81	4846325.09	2.30	0	D	71.5	5.8	22.4	0.0	0.0	0.0	43.4
3267	17645353.81	4846325.09	4.44	0	D	78.6	5.7	22.4	0.0	0.0	0.0	50.5
3272	17645496.13	4846365.75	2.30	0	D	71.5	5.4	24.0	0.0	0.0	0.0	42.1
3275	17645353.81	4846325.09	2.61	0	D	77.1	5.8	22.4	0.0	0.0	0.0	49.0
3276	17645584.81	4846391.28	2.30	0	D	71.5	5.7	23.8	0.0	0.0	0.0	41.9
3282	17645308.63	4846312.36	2.30	0	D	71.5	4.7	24.9	0.0	0.0	0.0	41.8
3283	17645496.13	4846365.75	4.44	0	D	78.6	5.3	24.0	0.0	0.0	0.0	49.3
3287	17645584.81	4846391.28	4.44	0	D	78.6	5.7	23.9	0.0	0.0	0.0	49.0
3289	17645308.63	4846312.36	4.44	0	D	78.6	4.6	25.1	0.0	0.0	0.0	48.9
3290	17645496.13	4846365.75	2.61	0	D	77.1	5.4	24.0	0.0	0.0	0.0	47.7
3295	17645584.81	4846391.28	2.61	0	D	77.1	5.7	23.8	0.0	0.0	0.0	47.5
3296	17645392.49	4846336.54	2.30	0	D	71.5	5.8	27.8	0.0	0.0	0.0	37.9
3297	17645411.72	4846342.23	2.30	0	D	71.5	5.8	28.4	0.0	0.0	0.0	37.3
3298	17645308.63	4846312.36	2.61	0	D	77.1	4.7	25.0	0.0	0.0	0.0	47.4
3306	17645392.49	4846336.54	4.44	0	D	78.6	5.7	27.9	0.0	0.0	0.0	45.0
3307	17645411.72	4846342.23	4.44	0	D	78.6	5.7	28.4	0.0	0.0	0.0	44.5
3308	17645439.06	4846349.85	2.30	0	D	71.5	4.9	26.9	0.0	0.0	0.0	39.7
3311	17645392.49	4846336.54	2.61	0	D	77.1	5.8	27.8	0.0	0.0	0.0	43.5
3312	17645411.72	4846342.23	2.61	0	D	77.1	5.8	28.4	0.0	0.0	0.0	42.9
3315	17645439.06	4846349.85	4.44	0	D	78.6	4.8	27.0	0.0	0.0	0.0	46.8
3323	17645439.06	4846349.85	2.61	0	D	77.1	4.9	26.9	0.0	0.0	0.0	45.3
3334	17645646.31	4846409.31	2.30	0	D	71.5	6.0	30.5	0.0	0.0	0.0	34.9
3338	17645646.31	4846409.31	4.44	0	D	78.6	5.9	30.6	0.0	0.0	0.0	42.1
3341	17645646.31	4846409.31	2.61	0	D	77.1	6.0	30.6	0.0	0.0	0.0	40.5

Receiver
Name: RP06
ID: RP06
X: 17645083.02 m
Y: 4846304.83 m
Z: 29.75 m

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
8	17645195.74	4846281.37	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	52.5	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	30.0

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
18	17645199.16	4846264.09	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	53.0	0.2	-3.0	0.0	0.0	0.0	0.0	0.0	29.4

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
20	17644885.30	4846187.23	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	58.3	0.4	-3.0	0.0	0.0	0.0	0.0	0.0	23.9

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
30	17644889.29	4846172.32	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	58.5	0.5	-3.0	0.0	0.0	0.0	0.0	0.0	23.8

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3395	17644761.31	4846184.73	0.10	0	D	80	38.0	-29.9	0.0	-5.9	0.0	0.0	13.9
3395	17644761.31	4846184.73	0.10	0	D	100	39.9	-29.9	0.0	-5.9	0.0	0.0	15.9
3395	17644761.31	4846184.73	0.10	0	D	125	40.8	-29.9	0.0	-5.9	0.0	0.0	16.8
3395	17644761.31	4846184.73	0.10	0	D	160	41.6	-29.9	0.0	-5.8	0.0	0.0	17.5
3395	17644761.31	4846184.73	0.10	0	D	200	42.5	-29.9	0.0	-5.7	0.0	0.0	18.2
3395	17644761.31	4846184.73	0.10	0	D	250	43.7	-29.9	0.0	-5.5	0.0	0.0	19.3
3395	17644761.31	4846184.73	0.10	0	D	315	45.3	-29.9	0.0	-5.4	0.0	0.0	20.7
3395	17644761.31	4846184.73	0.10	0	D	400	47.2	-29.9	0.0	-5.2	0.0	0.0	22.5
3395	17644761.31	4846184.73	0.10	0	D	500	49.0	-29.9	0.0	-5.0	0.0	0.0	24.1
3395	17644761.31	4846184.73	0.10	0	D	630	49.7	-29.9	0.0	-4.8	0.0	0.0	24.6
3395	17644761.31	4846184.73	0.10	0	D	800	52.0	-29.9	0.0	-4.5	0.0	0.0	26.6
3395	17644761.31	4846184.73	0.10	0	D	1000	52.9	-29.9	0.0	-4.1	0.0	0.0	27.1
3395	17644761.31	4846184.73	0.10	0	D	1250	52.8	-29.9	0.0	-3.5	0.0	0.0	26.4
3395	17644761.31	4846184.73	0.10	0	D	1600	52.1	-29.9	0.0	-2.5	0.0	0.0	24.7
3395	17644761.31	4846184.73	0.10	0	D	2000	51.8	-29.9	0.0	-1.2	0.0	0.0	23.1
3395	17644761.31	4846184.73	0.10	0	D	2500	50.3	-29.9	0.0	0.9	0.0	0.0	19.4
3395	17644761.31	4846184.73	0.10	0	D	3150	48.9	-29.9	0.0	4.3	0.0	0.0	14.7
3396	17644744.14	4846159.13	0.10	0	D	63	33.6	-28.8	0.0	-5.9	0.0	0.0	10.7
3396	17644744.14	4846159.13	0.10	0	D	80	38.0	-28.8	0.0	-5.9	0.0	0.0	15.1
3396	17644744.14	4846159.13	0.10	0	D	100	39.9	-28.8	0.0	-5.9	0.0	0.0	17.0
3396	17644744.14	4846159.13	0.10	0	D	125	40.8	-28.8	0.0	-5.8	0.0	0.0	17.9
3396	17644744.14	4846159.13	0.10	0	D	160	41.6	-28.8	0.0	-5.8	0.0	0.0	18.6
3396	17644744.14	4846159.13	0.10	0	D	200	42.5	-28.8	0.0	-5.6	0.0	0.0	19.3
3396	17644744.14	4846159.13	0.10	0	D	250	43.7	-28.8	0.0	-5.5	0.0	0.0	20.4
3396	17644744.14	4846159.13	0.10	0	D	315	45.3	-28.8	0.0	-5.3	0.0	0.0	21.8
3396	17644744.14	4846159.13	0.10	0	D	400	47.2	-28.8	0.0	-5.2	0.0	0.0	23.5
3396	17644744.14	4846159.13	0.10	0	D	500	49.0	-28.8	0.0	-5.0	0.0	0.0	25.2
3396	17644744.14	4846159.13	0.10	0	D	630	49.7	-28.8	0.0	-4.7	0.0	0.0	25.6
3396	17644744.14	4846159.13	0.10	0	D	800	52.0	-28.8	0.0	-4.4	0.0	0.0	27.6
3396	17644744.14	4846159.13	0.10	0	D	1000	52.9	-28.8	0.0	-4.0	0.0	0.0	28.1
3396	17644744.14	4846159.13	0.10	0	D	1250	52.8	-28.8	0.0	-3.4	0.0	0.0	27.4
3396	17644744.14	4846159.13	0.10	0	D	1600	52.1	-28.8	0.0	-2.3	0.0	0.0	25.6
3396	17644744.14	4846159.13	0.10	0	D	2000	51.8	-28.8	0.0	-0.9	0.0	0.0	23.9

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3396	17644744.14	4846159.13	0.10	0	D	2500	50.3	-28.8	0.0	1.3	0.0	0.0	20.2
3396	17644744.14	4846159.13	0.10	0	D	3150	48.9	-28.8	0.0	4.7	0.0	0.0	15.4
3397	17644693.51	4846083.61	0.10	0	D	63	33.6	-24.5	0.0	-5.9	0.0	0.0	15.0
3397	17644693.51	4846083.61	0.10	0	D	80	38.0	-24.5	0.0	-5.9	0.0	0.0	19.4
3397	17644693.51	4846083.61	0.10	0	D	100	39.9	-24.5	0.0	-5.9	0.0	0.0	21.3
3397	17644693.51	4846083.61	0.10	0	D	125	40.8	-24.5	0.0	-5.8	0.0	0.0	22.2
3397	17644693.51	4846083.61	0.10	0	D	160	41.6	-24.5	0.0	-5.7	0.0	0.0	22.8
3397	17644693.51	4846083.61	0.10	0	D	200	42.5	-24.5	0.0	-5.6	0.0	0.0	23.6
3397	17644693.51	4846083.61	0.10	0	D	250	43.7	-24.5	0.0	-5.4	0.0	0.0	24.6
3397	17644693.51	4846083.61	0.10	0	D	315	45.3	-24.5	0.0	-5.2	0.0	0.0	26.0
3397	17644693.51	4846083.61	0.10	0	D	400	47.2	-24.5	0.0	-5.0	0.0	0.0	27.7
3397	17644693.51	4846083.61	0.10	0	D	500	49.0	-24.5	0.0	-4.8	0.0	0.0	29.3
3397	17644693.51	4846083.61	0.10	0	D	630	49.7	-24.5	0.0	-4.5	0.0	0.0	29.7
3397	17644693.51	4846083.61	0.10	0	D	800	52.0	-24.5	0.0	-4.1	0.0	0.0	31.7
3397	17644693.51	4846083.61	0.10	0	D	1000	52.9	-24.5	0.0	-3.6	0.0	0.0	32.0
3397	17644693.51	4846083.61	0.10	0	D	1250	52.8	-24.5	0.0	-2.9	0.0	0.0	31.3
3397	17644693.51	4846083.61	0.10	0	D	1600	52.1	-24.5	0.0	-1.7	0.0	0.0	29.3
3397	17644693.51	4846083.61	0.10	0	D	2000	51.8	-24.5	0.0	-0.1	0.0	0.0	27.5
3397	17644693.51	4846083.61	0.10	0	D	2500	50.3	-24.5	0.0	2.4	0.0	0.0	23.4
3397	17644693.51	4846083.61	0.10	0	D	3150	48.9	-24.5	0.0	6.3	0.0	0.0	18.1
4418	17644761.31	4846184.73	1.52	0	D	100	36.2	-29.9	0.0	-5.6	0.0	0.0	11.9
4418	17644761.31	4846184.73	1.52	0	D	125	37.4	-29.9	0.0	-5.4	0.0	0.0	13.0
4418	17644761.31	4846184.73	1.52	0	D	160	38.6	-29.9	0.0	-5.1	0.0	0.0	13.9
4418	17644761.31	4846184.73	1.52	0	D	200	40.2	-29.9	0.0	-4.6	0.0	0.0	14.9
4418	17644761.31	4846184.73	1.52	0	D	250	42.4	-29.9	0.0	-3.7	0.0	0.0	16.2
4418	17644761.31	4846184.73	1.52	0	D	315	45.1	-29.9	0.0	-2.4	0.0	0.0	17.6
4418	17644761.31	4846184.73	1.52	0	D	400	48.0	-29.9	0.0	-0.0	0.0	0.0	18.1
4418	17644761.31	4846184.73	1.52	0	D	500	51.3	-29.9	0.0	4.6	0.0	0.0	16.8
4418	17644761.31	4846184.73	1.52	0	D	800	49.7	-29.9	0.0	3.5	0.0	0.0	16.3
4418	17644761.31	4846184.73	1.52	0	D	1000	50.8	-29.9	0.0	-2.2	0.0	0.0	23.0
4418	17644761.31	4846184.73	1.52	0	D	1250	47.0	-29.9	0.0	-3.8	0.0	0.0	20.9
4418	17644761.31	4846184.73	1.52	0	D	1600	47.8	-29.9	0.0	-0.1	0.0	0.0	17.9
4418	17644761.31	4846184.73	1.52	0	D	2500	40.6	-29.9	0.0	-0.2	0.0	0.0	10.9
4419	17644744.14	4846159.13	1.52	0	D	80	34.1	-28.8	0.0	-5.7	0.0	0.0	11.0
4419	17644744.14	4846159.13	1.52	0	D	100	36.2	-28.8	0.0	-5.6	0.0	0.0	13.0
4419	17644744.14	4846159.13	1.52	0	D	125	37.4	-28.8	0.0	-5.5	0.0	0.0	14.1
4419	17644744.14	4846159.13	1.52	0	D	160	38.6	-28.8	00.0	-5.2	0.0	0.0	15.0
4419	17644744.14	4846159.13	1.52	0	D	200	40.2	-28.8	0.0	-4.7	0.0	0.0	16.1
4419	17644744.14	4846159.13	1.52	0	D	250	42.4	-28.8	0.0	-3.9	0.0	0.0	17.5
4419	17644744.14	4846159.13	1.52	0	D	315	45.1	-28.8	0.0	-2.8	0.0	0.0	19.1
4419	17644744.14	4846159.13	1.52	0	D	400	48.0	-28.8	0.0	-0.8	0.0	0.0	20.0
4419	17644744.14	4846159.13	1.52	0	D	500	51.3	-28.8	0.0	2.9	0.0	0.0	19.6
4419	17644744.14	4846159.13	1.52	0	D	630	54.5	-28.8	0.0	13.5	0.0	0.0	12.2
4419	17644744.14	4846159.13	1.52	0	D	800	49.7	-28.8	0.0	6.7	0.0	0.0	14.2
4419	17644744.14	4846159.13	1.52	0	D	1000	50.8	-28.8	0.0	-0.7	0.0	0.0	22.7
4419	17644744.14	4846159.13	1.52	0	D	1250	47.0	-28.8	0.0	-3.4	0.0	0.0	21.6
4419	17644744.14	4846159.13	1.52	0	D	1600	47.8	-28.8	0.0	-1.6	0.0	0.0	20.6
4419	17644744.14	4846159.13	1.52	0	D	2500	40.6	-28.8	0.0	1.5	0.0	0.0	10.3
4420	17644693.51	4846083.61	1.52	0	D	63	29.7	-24.5	0.0	-5.8	0.0	0.0	11.1
4420	17644693.51	4846083.61	1.52	0	D	80	34.1	-24.5	0.0	-5.8	0.0	0.0	15.4
4420	17644693.51	4846083.61	1.52	0	D	100	36.2	-24.5	0.0	-5.7	0.0	0.0	17.4
4420	17644693.51	4846083.61	1.52	0	D	125	37.4	-24.5	0.0	-5.6	0.0	0.0	18.5
4420	17644693.51	4846083.61	1.52	0	D	160	38.6	-24.5	0.0	-5.3	0.0	0.0	19.5
4420	17644693.51	4846083.61	1.52	0	D	200	40.2	-24.5	0.0	-4.9	0.0	0.0	20.6
4420	17644693.51	4846083.61	1.52	0	D	250	42.4	-24.5	0.0	-4.3	0.0	0.0	22.2
4420	17644693.51	4846083.61	1.52	0	D	315	45.1	-24.5	0.0	-3.5	0.0	0.0	24.1
4420	17644693.51	4846083.61	1.52	0	D	400	48.0	-24.5	0.0	-2.1	0.0	0.0	25.6
4420	17644693.51	4846083.61	1.52	0	D	500	51.3	-24.5	0.0	0.1	0.0	0.0	26.7
4420	17644693.51	4846083.61	1.52	0	D	630	54.5	-24.5	0.0	4.6	0.0	0.0	25.4
4420	17644693.51	4846083.61	1.52	0	D	1000	50.8	-24.5	0.0	5.3	0.0	0.0	21.0
4420	17644693.51	4846083.61	1.52	0	D	1250	47.0	-24.5	0.0	-0.6	0.0	0.0	23.1
4420	17644693.51	4846083.61	1.52	0	D	1600	47.8	-24.5	0.0	-2.2	0.0	0.0	25.5
4420	17644693.51	4846083.61	1.52	0	D	2000	43.8	-24.5	0.0	1.3	0.0	0.0	18.0

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5160	17645045.32	4846235.96	4.44	0	D	84.6	6.0	10.4	0.0	0.0	0.0	68.2
5161	17645014.61	4846226.87	4.44	0	D	84.6	6.0	12.6	0.0	0.0	0.0	66.0
5162	17644980.25	4846216.70	4.44	0	D	84.6	6.0	13.9	0.0	0.0	0.0	64.7
5163	17644942.24	4846205.45	4.44	0	D	84.6	6.0	15.9	0.0	0.0	0.0	62.7
5164	17644864.86	4846182.54	4.44	0	D	84.6	6.0	14.0	0.0	0.0	0.0	64.6
5183	17645045.32	4846235.96	2.30	0	D	71.5	6.1	10.4	0.0	0.0	0.0	55.0
5184	17645014.61	4846226.87	2.30	0	D	71.5	6.1	12.6	0.0	0.0	0.0	52.8
5185	17644980.25	4846216.70	2.30	0	D	71.5	6.1	13.8	0.0	0.0	0.0	51.6
5186	17644942.24	4846205.45	2.30	0	D	71.5	6.1	15.9	0.0	0.0	0.0	49.5
5187	17644864.86	4846182.54	2.30	0	D	71.5	6.1	14.0	0.0	0.0	0.0	51.4
5224	17645045.32	4846235.96	2.61	0	D	77.1	6.1	10.4	0.0	0.0	0.0	60.7
5225	17645014.61	4846226.87	2.61	0	D	77.1	6.1	12.6	0.0	0.0	0.0	58.4
5226	17644980.25	4846216.70	2.61	0	D	77.1	6.1	13.8	0.0	0.0	0.0	57.2
5227	17644942.24	4846205.45	2.61	0	D	77.1	6.1	15.9	0.0	0.0	0.0	55.1
5228	17644864.86	4846182.54	2.61	0	D	77.1	6.1	14.0	0.0	0.0	0.0	57.0
5271	17644771.08	4846154.95	4.44	0	D	84.6	6.1	19.1	0.0	0.0	0.0	59.4
5272	17644700.24	4846134.31	4.44	0	D	84.6	6.1	20.8	0.0	0.0	0.0	57.7
5289	17644596.30	4846101.91	4.44	0	D	84.6	5.2	20.7	0.0	0.0	0.0	58.7
5297	17644771.08	4846154.95	2.30	0	D	71.5	6.2	19.1	0.0	0.0	0.0	46.2
5298	17644700.24	4846134.31	2.30	0	D	71.5	6.2	20.7	0.0	0.0	0.0	44.6
5307	17644771.08	4846154.95	2.61	0	D	77.1	6.1	19.1	0.0	0.0	0.0	51.9
5308	17644700.24	4846134.31	2.61	0	D	77.1	6.1	20.7	0.0	0.0	0.0	50.2
5311	17644481.68	4846061.15	4.44	0	D	84.6	16.3	13.1	0.0	0.0	0.0	55.2
5318	17644384.37	4846018.03	4.44	0	D	84.6	5.1	25.1	0.0	0.0	0.0	54.5
5321	17644596.30	4846101.91	2.30	0	D	71.5	5.3	20.6	0.0	0.0	0.0	45.5
5331	17644148.45	4845882.67	4.44	0	D	84.6	10.1	22.7	0.0	0.0	0.0	51.8
5332	17644079.64	4845838.24	4.44	0	D	84.6	10.1	27.0	0.0	0.0	0.0	47.5
5355	17644596.30	4846101.91	2.61	0	D	77.1	5.3	20.6	0.0	0.0	0.0	51.2
5372	17644302.65	4845976.62	4.44	0	D	84.6	8.0	25.3	0.0	0.0	0.0	51.4
5385	17644481.68	4846061.15	2.30	0	D	71.5	16.3	13.1	0.0	0.0	0.0	42.1
5393	17644384.37	4846018.03	2.30	0	D	71.5	5.2	25.0	0.0	0.0	0.0	41.3
5400	17644251.35	4845947.39	4.44	0	D	84.6	8.9	26.6	0.0	0.0	0.0	49.2
5408	17644481.68	4846061.15	2.61	0	D	77.1	16.3	13.1	0.0	0.0	0.0	47.7
5413	17644148.45	4845882.67	2.30	0	D	71.5	10.1	22.7	0.0	0.0	0.0	38.7
5414	17644079.64	4845838.24	2.30	0	D	71.5	10.1	27.0	0.0	0.0	0.0	34.4
5415	17644213.57	4845924.43	4.44	0	D	84.6	9.7	26.9	0.0	0.0	0.0	48.0
5416	17644384.37	4846018.03	2.61	0	D	77.1	5.2	25.0	0.0	0.0	0.0	46.9
5418	17644035.27	4845810.38	4.44	0	D	84.6	9.3	27.7	0.0	0.0	0.0	47.6
5420	17644148.45	4845882.67	2.61	0	D	77.1	10.1	22.7	0.0	0.0	0.0	44.3
5421	17644079.64	4845838.24	2.61	0	D	77.1	10.1	27.0	0.0	0.0	0.0	40.0
5423	17644302.65	4845976.62	2.30	0	D	71.5	8.0	25.2	0.0	0.0	0.0	38.2
5434	17644302.65	4845976.62	2.61	0	D	77.1	8.0	25.2	0.0	0.0	0.0	43.8
5439	17644251.35	4845947.39	2.30	0	D	71.5	8.9	26.6	0.0	0.0	0.0	36.0
5448	17644213.57	4845924.43	2.30	0	D	71.5	9.7	26.9	0.0	0.0	0.0	34.8
5450	17644035.27	4845810.38	2.30	0	D	71.5	9.3	27.7	0.0	0.0	0.0	34.5
5451	17644251.35	4845947.39	2.61	0	D	77.1	8.9	26.6	0.0	0.0	0.0	41.6
5457	17644213.57	4845924.43	2.61	0	D	77.1	9.7	26.9	0.0	0.0	0.0	40.4
5458	17644035.27	4845810.38	2.61	0	D	77.1	9.3	27.7	0.0	0.0	0.0	40.1

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5165	17645057.11	4846221.56	4.44	0	D	84.6	7.0	10.7	0.0	0.0	0.0	66.9
5166	17645084.91	4846229.96	4.44	0	D	84.6	7.0	9.5	0.0	0.0	0.0	68.1
5167	17645112.71	4846238.36	4.44	0	D	84.6	7.0	9.3	0.0	0.0	0.0	68.3
5168	17645140.50	4846246.75	4.44	0	D	84.6	7.0	10.2	0.0	0.0	0.0	67.4
5169	17645167.83	4846255.01	4.44	0	D	84.6	7.0	11.8	0.0	0.0	0.0	65.8
5170	17645208.51	4846267.30	4.44	0	D	84.6	7.0	11.0	0.0	0.0	0.0	66.6
5218	17645057.11	4846221.56	2.30	0	D	71.5	7.0	10.7	0.0	0.0	0.0	53.8
5219	17645084.91	4846229.96	2.30	0	D	71.5	7.0	9.5	0.0	0.0	0.0	54.9
5220	17645112.71	4846238.36	2.30	0	D	71.5	7.0	9.3	0.0	0.0	0.0	55.1
5221	17645140.50	4846246.75	2.30	0	D	71.5	7.0	10.2	0.0	0.0	0.0	54.2
5222	17645167.83	4846255.01	2.30	0	D	71.5	7.0	11.8	0.0	0.0	0.0	52.7

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5223	17645208.51	4846267.30	2.30	0	D	71.5	7.0	11.0	0.0	0.0	0.0	53.5
5246	17645057.11	4846221.56	2.61	0	D	77.1	7.0	10.7	0.0	0.0	0.0	59.4
5247	17645084.91	4846229.96	2.61	0	D	77.1	7.0	9.5	0.0	0.0	0.0	60.5
5248	17645112.71	4846238.36	2.61	0	D	77.1	7.0	9.3	0.0	0.0	0.0	60.7
5249	17645140.50	4846246.75	2.61	0	D	77.1	7.0	10.2	0.0	0.0	0.0	59.9
5250	17645167.83	4846255.01	2.61	0	D	77.1	7.0	11.8	0.0	0.0	0.0	58.3
5251	17645208.51	4846267.30	2.61	0	D	77.1	7.0	11.0	0.0	0.0	0.0	59.1
5260	17645248.18	4846279.56	4.44	0	D	84.6	7.2	16.4	0.0	0.0	0.0	61.1
5261	17645282.95	4846290.84	4.44	0	D	84.6	7.2	15.3	0.0	0.0	0.0	62.1
5266	17645361.67	4846316.06	4.44	0	D	84.6	7.1	14.1	0.0	0.0	0.0	63.4
5275	17645515.41	4846362.66	4.44	0	D	84.6	6.7	18.5	0.0	0.0	0.0	59.5
5276	17645581.05	4846381.89	4.44	0	D	84.6	6.7	27.8	0.0	0.0	0.0	50.1
5277	17645248.18	4846279.56	2.30	0	D	71.5	7.2	16.3	0.0	0.0	0.0	47.9
5278	17645282.95	4846290.84	2.30	0	D	71.5	7.2	15.3	0.0	0.0	0.0	49.0
5285	17645361.67	4846316.06	2.30	0	D	71.5	7.1	14.0	0.0	0.0	0.0	50.3
5292	17645248.18	4846279.56	2.61	0	D	77.1	7.2	16.3	0.0	0.0	0.0	53.6
5293	17645282.95	4846290.84	2.61	0	D	77.1	7.2	15.3	0.0	0.0	0.0	54.6
5296	17645361.67	4846316.06	2.61	0	D	77.1	7.1	14.1	0.0	0.0	0.0	55.9
5299	17645438.36	4846340.04	4.44	0	D	84.6	6.7	21.2	0.0	0.0	0.0	56.7
5301	17645592.66	4846385.38	4.44	0	D	84.6	7.5	32.4	0.0	0.0	0.0	44.7
5302	17645606.49	4846389.88	4.44	0	D	84.6	7.5	26.5	0.0	0.0	0.0	50.7
5303	17645629.04	4846397.22	4.44	0	D	84.6	7.5	26.7	0.0	0.0	0.0	50.4
5304	17645647.37	4846403.19	4.44	0	D	84.6	7.5	29.2	0.0	0.0	0.0	47.9
5305	17645661.65	4846407.83	4.44	0	D	84.6	7.5	29.2	0.0	0.0	0.0	48.0
5309	17645515.41	4846362.66	2.30	0	D	71.5	6.7	18.4	0.0	0.0	0.0	46.3
5310	17645581.05	4846381.89	2.30	0	D	71.5	6.7	27.8	0.0	0.0	0.0	37.0
5324	17645515.41	4846362.66	2.61	0	D	77.1	6.7	18.4	0.0	0.0	0.0	51.9
5325	17645581.05	4846381.89	2.61	0	D	77.1	6.7	27.8	0.0	0.0	0.0	42.6
5366	17645438.36	4846340.04	2.30	0	D	71.5	6.8	21.2	0.0	0.0	0.0	43.5
5376	17645592.66	4846385.38	2.30	0	D	71.5	7.5	32.4	0.0	0.0	0.0	31.6
5377	17645606.49	4846389.88	2.30	0	D	71.5	7.5	26.4	0.0	0.0	0.0	37.5
5378	17645629.04	4846397.22	2.30	0	D	71.5	7.5	26.7	0.0	0.0	0.0	37.3
5379	17645647.37	4846403.19	2.30	0	D	71.5	7.5	29.2	0.0	0.0	0.0	34.8
5380	17645661.65	4846407.83	2.30	0	D	71.5	7.5	29.1	0.0	0.0	0.0	34.9
5389	17645438.36	4846340.04	2.61	0	D	77.1	6.8	21.2	0.0	0.0	0.0	49.2
5401	17645592.66	4846385.38	2.61	0	D	77.1	7.5	32.4	0.0	0.0	0.0	37.2
5402	17645606.49	4846389.88	2.61	0	D	77.1	7.5	26.5	0.0	0.0	0.0	43.1
5403	17645629.04	4846397.22	2.61	0	D	77.1	7.5	26.7	0.0	0.0	0.0	42.9
5404	17645647.37	4846403.19	2.61	0	D	77.1	7.5	29.2	0.0	0.0	0.0	40.4
5405	17645661.65	4846407.83	2.61	0	D	77.1	7.5	29.1	0.0	0.0	0.0	40.5

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5171	17645073.49	4846244.26	2.30	0	D	71.5	6.1	9.6	0.0	0.0	0.0	55.8
5172	17645097.85	4846251.49	2.30	0	D	71.5	6.1	8.9	0.0	0.0	0.0	56.5
5173	17645122.20	4846258.71	2.30	0	D	71.5	6.1	9.5	0.0	0.0	0.0	55.9
5174	17645146.56	4846265.94	2.30	0	D	71.5	6.1	11.0	0.0	0.0	0.0	54.4
5175	17645174.48	4846274.22	2.30	0	D	71.5	6.1	11.9	0.0	0.0	0.0	53.5
5176	17645205.97	4846283.56	2.30	0	D	71.5	6.1	14.0	0.0	0.0	0.0	51.4
5177	17645228.17	4846290.15	2.30	0	D	71.5	6.1	19.2	0.0	0.0	0.0	46.2
5188	17645073.49	4846244.26	4.44	0	D	78.6	6.0	9.5	0.0	0.0	0.0	63.1
5189	17645097.85	4846251.49	4.44	0	D	78.6	6.0	8.8	0.0	0.0	0.0	63.8
5190	17645122.20	4846258.71	4.44	0	D	78.6	6.0	9.4	0.0	0.0	0.0	63.2
5191	17645146.56	4846265.94	4.44	0	D	78.6	6.0	11.0	0.0	0.0	0.0	61.6
5192	17645174.48	4846274.22	4.44	0	D	78.6	6.0	11.9	0.0	0.0	0.0	60.7
5193	17645205.97	4846283.56	4.44	0	D	78.6	6.0	14.0	0.0	0.0	0.0	58.6
5194	17645228.17	4846290.15	4.44	0	D	78.6	6.0	19.2	0.0	0.0	0.0	53.4
5204	17645073.49	4846244.26	2.61	0	D	77.1	6.1	9.6	0.0	0.0	0.0	61.4
5205	17645097.85	4846251.49	2.61	0	D	77.1	6.1	8.9	0.0	0.0	0.0	62.1
5206	17645122.20	4846258.71	2.61	0	D	77.1	6.1	9.5	0.0	0.0	0.0	61.5
5207	17645146.56	4846265.94	2.61	0	D	77.1	6.1	11.0	0.0	0.0	0.0	60.0
5208	17645174.48	4846274.22	2.61	0	D	77.1	6.1	11.9	0.0	0.0	0.0	59.1

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5209	17645205.97	4846283.56	2.61	0	D	77.1	6.1	14.0	0.0	0.0	0.0	57.0
5210	17645228.17	4846290.15	2.61	0	D	77.1	6.1	19.2	0.0	0.0	0.0	51.8
5284	17645263.45	4846300.11	2.30	0	D	71.5	5.9	14.6	0.0	0.0	0.0	51.0
5290	17645263.45	4846300.11	4.44	0	D	78.6	5.9	14.6	0.0	0.0	0.0	58.1
5294	17645263.45	4846300.11	2.61	0	D	77.1	5.9	14.6	0.0	0.0	0.0	56.6
5306	17645353.81	4846325.09	2.30	0	D	71.5	6.2	17.8	0.0	0.0	0.0	47.5
5312	17645353.81	4846325.09	4.44	0	D	78.6	6.1	17.9	0.0	0.0	0.0	54.6
5319	17645308.63	4846312.36	2.30	0	D	71.5	5.7	19.3	0.0	0.0	0.0	46.5
5320	17645353.81	4846325.09	2.61	0	D	77.1	6.2	17.8	0.0	0.0	0.0	53.1
5323	17645308.63	4846312.36	4.44	0	D	78.6	5.6	19.4	0.0	0.0	0.0	53.6
5333	17645308.63	4846312.36	2.61	0	D	77.1	5.6	19.3	0.0	0.0	0.0	52.1
5334	17645484.11	4846362.35	2.30	0	D	71.5	6.0	21.8	0.0	0.0	0.0	43.7
5335	17645522.83	4846373.29	2.30	0	D	71.5	6.0	26.3	0.0	0.0	0.0	39.2
5336	17645534.84	4846376.69	2.30	0	D	71.5	6.0	41.3	0.0	0.0	0.0	24.2
5342	17645547.28	4846380.32	2.30	0	D	71.5	6.2	26.4	0.0	0.0	0.0	38.9
5343	17645572.35	4846387.64	2.30	0	D	71.5	6.2	26.5	0.0	0.0	0.0	38.7
5344	17645593.38	4846393.78	2.30	0	D	71.5	6.2	29.0	0.0	0.0	0.0	36.3
5345	17645617.89	4846400.94	2.30	0	D	71.5	6.2	26.3	0.0	0.0	0.0	39.0
5346	17645484.11	4846362.35	4.44	0	D	78.6	5.9	21.9	0.0	0.0	0.0	50.8
5347	17645522.83	4846373.29	4.44	0	D	78.6	5.9	26.4	0.0	0.0	0.0	46.3
5348	17645534.84	4846376.69	4.44	0	D	78.6	5.9	41.4	0.0	0.0	0.0	31.3
5356	17645401.86	4846339.31	2.30	0	D	71.5	6.2	21.0	0.0	0.0	0.0	44.2
5358	17645484.11	4846362.35	2.61	0	D	77.1	6.0	21.8	0.0	0.0	0.0	49.3
5359	17645522.83	4846373.29	2.61	0	D	77.1	6.0	26.3	0.0	0.0	0.0	44.8
5360	17645534.84	4846376.69	2.61	0	D	77.1	6.0	41.3	0.0	0.0	0.0	29.8
5361	17645547.28	4846380.32	4.44	0	D	78.6	6.2	26.4	0.0	0.0	0.0	46.0
5362	17645572.35	4846387.64	4.44	0	D	78.6	6.2	26.6	0.0	0.0	0.0	45.9
5363	17645593.38	4846393.78	4.44	0	D	78.6	6.2	29.0	0.0	0.0	0.0	43.4
5364	17645617.89	4846400.94	4.44	0	D	78.6	6.2	26.3	0.0	0.0	0.0	46.1
5367	17645401.86	4846339.31	4.44	0	D	78.6	6.1	21.1	0.0	0.0	0.0	51.4
5368	17645547.28	4846380.32	2.61	0	D	77.1	6.2	26.4	0.0	0.0	0.0	44.5
5369	17645572.35	4846387.64	2.61	0	D	77.1	6.2	26.5	0.0	0.0	0.0	44.4
5370	17645593.38	4846393.78	2.61	0	D	77.1	6.2	29.0	0.0	0.0	0.0	41.9
5371	17645617.89	4846400.94	2.61	0	D	77.1	6.2	26.3	0.0	0.0	0.0	44.6
5374	17645401.86	4846339.31	2.61	0	D	77.1	6.2	21.1	0.0	0.0	0.0	49.8
5375	17645439.06	4846349.85	2.30	0	D	71.5	5.7	22.9	0.0	0.0	0.0	42.9
5387	17645439.06	4846349.85	4.44	0	D	78.6	5.6	22.9	0.0	0.0	0.0	50.1
5392	17645439.06	4846349.85	2.61	0	D	77.1	5.7	22.9	0.0	0.0	0.0	48.5
5429	17645638.96	4846407.12	2.30	0	D	71.5	6.4	32.0	0.0	0.0	0.0	33.1
5430	17645647.09	4846409.54	2.30	0	D	71.5	6.4	33.2	0.0	0.0	0.0	31.8
5431	17645654.43	4846411.73	2.30	0	D	71.5	6.4	33.0	0.0	0.0	0.0	32.0
5436	17645638.96	4846407.12	4.44	0	D	78.6	6.4	32.0	0.0	0.0	0.0	40.2
5437	17645647.09	4846409.54	4.44	0	D	78.6	6.4	33.3	0.0	0.0	0.0	39.0
5438	17645654.43	4846411.73	4.44	0	D	78.6	6.4	33.1	0.0	0.0	0.0	39.2
5442	17645638.96	4846407.12	2.61	0	D	77.1	6.4	32.0	0.0	0.0	0.0	38.7
5443	17645647.09	4846409.54	2.61	0	D	77.1	6.4	33.2	0.0	0.0	0.0	37.4
5444	17645654.43	4846411.73	2.61	0	D	77.1	6.4	33.0	0.0	0.0	0.0	37.6

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5178	17645073.14	4846238.49	4.44	0	D	78.6	6.4	9.4	0.0	0.0	0.0	62.8
5179	17645099.95	4846246.26	4.44	0	D	78.6	6.4	8.8	0.0	0.0	0.0	63.5
5180	17645126.77	4846254.04	4.44	0	D	78.6	6.4	9.4	0.0	0.0	0.0	62.8
5181	17645153.58	4846261.82	4.44	0	D	78.6	6.4	11.0	0.0	0.0	0.0	61.2
5182	17645176.15	4846268.36	4.44	0	D	78.6	6.4	14.2	0.0	0.0	0.0	58.0
5195	17644930.99	4846197.27	4.44	0	D	78.6	6.4	16.0	0.0	0.0	0.0	56.3
5196	17644971.45	4846209.00	4.44	0	D	78.6	6.4	13.9	0.0	0.0	0.0	58.3
5197	17645008.69	4846219.80	4.44	0	D	78.6	6.4	12.5	0.0	0.0	0.0	59.8
5198	17645042.72	4846229.67	4.44	0	D	78.6	6.4	10.2	0.0	0.0	0.0	62.0
5199	17645073.14	4846238.49	2.30	0	D	71.6	6.4	9.5	0.0	0.0	0.0	55.7
5200	17645099.95	4846246.26	2.30	0	D	71.6	6.4	8.8	0.0	0.0	0.0	56.3
5201	17645126.77	4846254.04	2.30	0	D	71.6	6.4	9.5	0.0	0.0	0.0	55.7

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5202	17645153.58	4846261.82	2.30	0	D	71.6	6.4	11.0	0.0	0.0	0.0	54.1
5203	17645176.15	4846268.36	2.30	0	D	71.6	6.4	14.2	0.0	0.0	0.0	50.9
5229	17644951.22	4846203.14	2.30	0	D	71.6	6.4	11.8	0.0	0.0	0.0	53.4
5230	17645008.69	4846219.80	2.30	0	D	71.6	6.4	12.5	0.0	0.0	0.0	52.7
5231	17645042.72	4846229.67	2.30	0	D	71.6	6.4	10.2	0.0	0.0	0.0	54.9
5252	17645237.31	4846285.91	4.44	0	D	78.6	6.4	27.0	0.0	0.0	0.0	45.2
5253	17645265.87	4846294.16	4.44	0	D	78.6	6.4	14.5	0.0	0.0	0.0	57.8
5254	17645320.73	4846310.00	4.44	0	D	78.6	6.4	16.7	0.0	0.0	0.0	55.5
5255	17645403.03	4846333.76	4.44	0	D	78.6	6.4	16.2	0.0	0.0	0.0	56.0
5256	17645237.31	4846285.91	2.30	0	D	71.6	6.4	27.0	0.0	0.0	0.0	38.1
5257	17645265.87	4846294.16	2.30	0	D	71.6	6.4	14.4	0.0	0.0	0.0	50.7
5258	17645320.73	4846310.00	2.30	0	D	71.6	6.4	16.7	0.0	0.0	0.0	48.5
5259	17645403.03	4846333.76	2.30	0	D	71.6	6.4	16.2	0.0	0.0	0.0	49.0
5262	17644685.93	4846125.24	4.44	0	D	78.6	6.3	23.1	0.0	0.0	0.0	49.2
5263	17644757.96	4846146.44	4.44	0	D	78.6	6.3	17.7	0.0	0.0	0.0	54.6
5264	17644859.43	4846176.30	4.44	0	D	78.6	6.3	14.7	0.0	0.0	0.0	57.6
5265	17644910.46	4846191.32	4.44	0	D	78.6	6.3	35.2	0.0	0.0	0.0	37.1
5267	17644685.93	4846125.24	2.30	0	D	71.6	6.4	23.1	0.0	0.0	0.0	42.1
5268	17644757.96	4846146.44	2.30	0	D	71.6	6.4	17.6	0.0	0.0	0.0	47.6
5269	17644859.43	4846176.30	2.30	0	D	71.6	6.4	14.6	0.0	0.0	0.0	50.6
5270	17644910.46	4846191.32	2.30	0	D	71.6	6.4	35.2	0.0	0.0	0.0	30.0
5273	17645217.98	4846280.30	4.44	0	D	78.6	6.4	13.8	0.0	0.0	0.0	58.4
5274	17645217.98	4846280.30	2.30	0	D	71.6	6.4	13.8	0.0	0.0	0.0	51.4
5279	17645073.14	4846238.49	2.61	0	D	71.1	6.4	9.5	0.0	0.0	0.0	55.2
5280	17645099.95	4846246.26	2.61	0	D	71.1	6.4	8.8	0.0	0.0	0.0	55.8
5281	17645126.77	4846254.04	2.61	0	D	71.1	6.4	9.5	0.0	0.0	0.0	55.2
5282	17645153.58	4846261.82	2.61	0	D	71.1	6.4	11.0	0.0	0.0	0.0	53.6
5283	17645176.15	4846268.36	2.61	0	D	71.1	6.4	14.2	0.0	0.0	0.0	50.4
5286	17644951.22	4846203.14	2.61	0	D	71.1	6.4	11.8	0.0	0.0	0.0	52.9
5287	17645008.69	4846219.80	2.61	0	D	71.1	6.4	12.5	0.0	0.0	0.0	52.2
5288	17645042.72	4846229.67	2.61	0	D	71.1	6.4	10.2	0.0	0.0	0.0	54.4
5291	17645192.54	4846273.02	4.44	0	D	78.6	6.3	16.4	0.0	0.0	0.0	55.9
5295	17645192.54	4846273.02	2.30	0	D	71.6	6.4	16.4	0.0	0.0	0.0	48.8
5300	17644596.82	4846097.28	4.44	0	D	78.6	5.6	20.4	0.0	0.0	0.0	52.6
5313	17644596.82	4846097.28	2.30	0	D	71.6	5.7	20.3	0.0	0.0	0.0	45.6
5314	17645237.31	4846285.91	2.61	0	D	71.1	6.4	27.0	0.0	0.0	0.0	37.6
5315	17645265.87	4846294.16	2.61	0	D	71.1	6.4	14.4	0.0	0.0	0.0	50.2
5316	17645320.73	4846310.00	2.61	0	D	71.1	6.4	16.7	0.0	0.0	0.0	48.0
5317	17645403.03	4846333.76	2.61	0	D	71.1	6.4	16.2	0.0	0.0	0.0	48.5
5326	17645483.24	4846357.20	4.44	0	D	78.6	6.6	21.4	0.0	0.0	0.0	50.6
5327	17645540.16	4846373.81	4.44	0	D	78.6	6.6	30.5	0.0	0.0	0.0	41.5
5328	17645555.24	4846378.33	4.44	0	D	78.6	6.6	26.5	0.0	0.0	0.0	45.5
5329	17645578.75	4846385.38	4.44	0	D	78.6	6.6	26.4	0.0	0.0	0.0	45.6
5330	17645600.89	4846392.02	4.44	0	D	78.6	6.6	27.9	0.0	0.0	0.0	44.1
5338	17644685.93	4846125.24	2.61	0	D	71.1	6.4	23.1	0.0	0.0	0.0	41.6
5339	17644757.96	4846146.44	2.61	0	D	71.1	6.4	17.6	0.0	0.0	0.0	47.1
5340	17644859.43	4846176.30	2.61	0	D	71.1	6.4	14.6	0.0	0.0	0.0	50.1
5341	17644910.46	4846191.32	2.61	0	D	71.1	6.4	35.2	0.0	0.0	0.0	29.5
5349	17645483.24	4846357.20	2.30	0	D	71.6	6.6	21.4	0.0	0.0	0.0	43.5
5350	17645540.16	4846373.81	2.30	0	D	71.6	6.7	30.5	0.0	0.0	0.0	34.4
5351	17645555.24	4846378.33	2.30	0	D	71.6	6.7	26.5	0.0	0.0	0.0	38.4
5352	17645578.75	4846385.38	2.30	0	D	71.6	6.7	26.3	0.0	0.0	0.0	38.6
5353	17645600.89	4846392.02	2.30	0	D	71.6	6.7	27.9	0.0	0.0	0.0	37.0
5354	17644483.10	4846056.90	4.44	0	D	78.6	2.2	27.2	0.0	0.0	0.0	49.2
5365	17644386.14	4846013.66	4.44	0	D	78.6	4.9	25.2	0.0	0.0	0.0	48.5
5373	17644483.10	4846056.90	2.30	0	D	71.6	2.6	26.8	0.0	0.0	0.0	42.2
5381	17645613.71	4846395.89	4.44	0	D	78.6	6.9	32.6	0.0	0.0	0.0	39.1
5382	17645624.36	4846399.18	4.44	0	D	78.6	6.9	29.2	0.0	0.0	0.0	42.6
5383	17645645.74	4846405.78	4.44	0	D	78.6	6.9	26.8	0.0	0.0	0.0	45.0
5384	17644386.14	4846013.66	2.30	0	D	71.6	5.0	25.1	0.0	0.0	0.0	41.4
5388	17645522.33	4846368.69	4.44	0	D	78.6	6.2	25.3	0.0	0.0	0.0	47.1
5390	17644106.09	4845850.41	4.44	0	D	78.6	9.9	26.9	0.0	0.0	0.0	41.8
5391	17644162.69	4845886.88	4.44	0	D	78.6	9.9	24.0	0.0	0.0	0.0	44.7

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5396	17645613.71	4846395.89	2.30	0	D	71.6	6.9	32.6	0.0	0.0	0.0	32.1
5397	17645624.36	4846399.18	2.30	0	D	71.6	6.9	29.1	0.0	0.0	0.0	35.5
5398	17645645.74	4846405.78	2.30	0	D	71.6	6.9	26.7	0.0	0.0	0.0	37.9
5399	17645217.98	4846280.30	2.61	0	D	71.1	6.4	13.8	0.0	0.0	0.0	50.9
5407	17645522.33	4846368.69	2.30	0	D	71.6	6.3	25.3	0.0	0.0	0.0	40.0
5410	17644106.09	4845850.41	2.30	0	D	71.6	9.9	26.9	0.0	0.0	0.0	34.8
5411	17644162.69	4845886.88	2.30	0	D	71.6	9.9	24.0	0.0	0.0	0.0	37.6
5412	17644304.73	4845972.37	4.44	0	D	78.6	7.6	25.7	0.0	0.0	0.0	45.3
5419	17644304.73	4845972.37	2.30	0	D	71.6	7.6	25.6	0.0	0.0	0.0	38.3
5422	17645192.54	4846273.02	2.61	0	D	71.1	6.3	16.4	0.0	0.0	0.0	48.3
5425	17644253.44	4845943.38	4.44	0	D	78.6	8.6	26.8	0.0	0.0	0.0	43.2
5427	17645664.86	4846411.73	4.44	0	D	78.6	7.2	31.1	0.0	0.0	0.0	40.4
5428	17645672.85	4846414.28	4.44	0	D	78.6	7.2	33.9	0.0	0.0	0.0	37.6
5432	17644215.37	4845920.45	4.44	0	D	78.6	9.5	27.2	0.0	0.0	0.0	42.0
5433	17644253.44	4845943.38	2.30	0	D	71.6	8.6	26.8	0.0	0.0	0.0	36.2
5440	17645664.86	4846411.73	2.30	0	D	71.6	7.2	31.0	0.0	0.0	0.0	33.4
5441	17645672.85	4846414.28	2.30	0	D	71.6	7.2	33.8	0.0	0.0	0.0	30.5
5445	17644215.37	4845920.45	2.30	0	D	71.6	9.5	27.1	0.0	0.0	0.0	34.9
5446	17644067.12	4845825.49	4.44	0	D	78.6	9.7	28.2	0.0	0.0	0.0	40.8
5447	17644596.82	4846097.28	2.61	0	D	71.1	5.7	20.3	0.0	0.0	0.0	45.1
5449	17644067.12	4845825.49	2.30	0	D	71.6	9.7	28.2	0.0	0.0	0.0	33.7
5452	17645483.24	4846357.20	2.61	0	D	71.1	6.6	21.4	0.0	0.0	0.0	43.0
5453	17645540.16	4846373.81	2.61	0	D	71.1	6.7	30.5	0.0	0.0	0.0	33.9
5454	17645555.24	4846378.33	2.61	0	D	71.1	6.7	26.5	0.0	0.0	0.0	37.9
5455	17645578.75	4846385.38	2.61	0	D	71.1	6.7	26.3	0.0	0.0	0.0	38.1
5456	17645600.89	4846392.02	2.61	0	D	71.1	6.7	27.9	0.0	0.0	0.0	36.5
5459	17644483.10	4846056.90	2.61	0	D	71.1	2.5	26.9	0.0	0.0	0.0	41.7
5460	17644042.39	4845809.86	4.44	0	D	78.6	9.5	32.8	0.0	0.0	0.0	36.3
5461	17644386.14	4846013.66	2.61	0	D	71.1	5.0	25.1	0.0	0.0	0.0	40.9
5462	17644022.11	4845796.87	4.44	0	D	78.6	11.2	31.9	0.0	0.0	0.0	35.6
5463	17644042.39	4845809.86	2.30	0	D	71.6	9.6	32.8	0.0	0.0	0.0	29.3
5464	17645613.71	4846395.89	2.61	0	D	71.1	6.9	32.6	0.0	0.0	0.0	31.6
5465	17645624.36	4846399.18	2.61	0	D	71.1	6.9	29.1	0.0	0.0	0.0	35.0
5466	17645645.74	4846405.78	2.61	0	D	71.1	6.9	26.7	0.0	0.0	0.0	37.4
5467	17645522.33	4846368.69	2.61	0	D	71.1	6.3	25.3	0.0	0.0	0.0	39.5
5468	17644022.11	4845796.87	2.30	0	D	71.6	11.2	31.9	0.0	0.0	0.0	28.5
5469	17644106.09	4845850.41	2.61	0	D	71.1	9.9	26.9	0.0	0.0	0.0	34.3
5470	17644162.69	4845886.88	2.61	0	D	71.1	9.9	24.0	0.0	0.0	0.0	37.1
5471	17644031.74	4845803.27	4.44	0	D	78.6	8.8	36.2	0.0	0.0	0.0	33.7
5472	17644304.73	4845972.37	2.61	0	D	71.1	7.6	25.6	0.0	0.0	0.0	37.8
5473	17644031.74	4845803.27	2.30	0	D	71.6	8.8	36.2	0.0	0.0	0.0	26.6
5474	17644253.44	4845943.38	2.61	0	D	71.1	8.6	26.8	0.0	0.0	0.0	35.7
5475	17645664.86	4846411.73	2.61	0	D	71.1	7.2	31.0	0.0	0.0	0.0	32.9
5476	17645672.85	4846414.28	2.61	0	D	71.1	7.2	33.9	0.0	0.0	0.0	30.0
5477	17644215.37	4845920.45	2.61	0	D	71.1	9.5	27.2	0.0	0.0	0.0	34.4
5478	17644067.12	4845825.49	2.61	0	D	71.1	9.7	28.2	0.0	0.0	0.0	33.2
5479	17644042.39	4845809.86	2.61	0	D	71.1	9.6	32.8	0.0	0.0	0.0	28.8
5480	17644022.11	4845796.87	2.61	0	D	71.1	11.2	31.9	0.0	0.0	0.0	28.0
5481	17644031.74	4845803.27	2.61	0	D	71.1	8.8	36.2	0.0	0.0	0.0	26.1

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5211	17645025.99	4846212.44	2.30	0	D	71.5	7.1	11.5	0.0	0.0	0.0	52.9
5212	17644991.90	4846203.01	2.30	0	D	71.5	7.1	13.4	0.0	0.0	0.0	51.0
5213	17644955.92	4846193.06	2.30	0	D	71.5	7.1	14.7	0.0	0.0	0.0	49.6
5214	17644909.36	4846180.19	2.30	0	D	71.5	7.1	15.0	0.0	0.0	0.0	49.3
5215	17644828.34	4846157.78	2.30	0	D	71.5	7.1	14.8	0.0	0.0	0.0	49.5
5216	17644721.54	4846128.25	2.30	0	D	71.5	7.1	17.6	0.0	0.0	0.0	46.8
5217	17644667.40	4846113.28	2.30	0	D	71.5	7.1	37.3	0.0	0.0	0.0	27.0
5232	17645025.99	4846212.44	4.44	0	D	78.6	7.1	11.5	0.0	0.0	0.0	60.0
5233	17644991.90	4846203.01	4.44	0	D	78.6	7.1	13.4	0.0	0.0	0.0	58.1
5234	17644955.92	4846193.06	4.44	0	D	78.6	7.1	14.7	0.0	0.0	0.0	56.8

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5235	17644909.36	4846180.19	4.44	0	D	78.6	7.1	15.1	0.0	0.0	0.0	56.5
5236	17644828.34	4846157.78	4.44	0	D	78.6	7.1	14.9	0.0	0.0	0.0	56.6
5237	17644721.54	4846128.25	4.44	0	D	78.6	7.1	17.6	0.0	0.0	0.0	53.9
5238	17644667.40	4846113.28	4.44	0	D	78.6	7.1	37.4	0.0	0.0	0.0	34.2
5239	17645025.99	4846212.44	2.61	0	D	77.1	7.1	11.5	0.0	0.0	0.0	58.5
5240	17644991.90	4846203.01	2.61	0	D	77.1	7.1	13.4	0.0	0.0	0.0	56.6
5241	17644955.92	4846193.06	2.61	0	D	77.1	7.1	14.7	0.0	0.0	0.0	55.2
5242	17644909.36	4846180.19	2.61	0	D	77.1	7.1	15.0	0.0	0.0	0.0	54.9
5243	17644828.34	4846157.78	2.61	0	D	77.1	7.1	14.8	0.0	0.0	0.0	55.1
5244	17644721.54	4846128.25	2.61	0	D	77.1	7.1	17.6	0.0	0.0	0.0	52.4
5245	17644667.40	4846113.28	2.61	0	D	77.1	7.1	37.3	0.0	0.0	0.0	32.6
5322	17644599.04	4846091.03	2.30	0	D	71.5	5.9	20.1	0.0	0.0	0.0	45.5
5337	17644599.04	4846091.03	4.44	0	D	78.6	5.9	20.1	0.0	0.0	0.0	52.6
5357	17644599.04	4846091.03	2.61	0	D	77.1	5.9	20.1	0.0	0.0	0.0	51.1
5386	17644485.48	4846050.83	2.30	0	D	71.5	3.2	26.2	0.0	0.0	0.0	42.1
5394	17644388.26	4846009.07	2.30	0	D	71.5	3.6	26.5	0.0	0.0	0.0	41.3
5395	17644485.48	4846050.83	4.44	0	D	78.6	3.0	26.4	0.0	0.0	0.0	49.2
5406	17644388.26	4846009.07	4.44	0	D	78.6	3.4	26.7	0.0	0.0	0.0	48.4
5409	17644485.48	4846050.83	2.61	0	D	77.1	3.2	26.2	0.0	0.0	0.0	47.7
5417	17644388.26	4846009.07	2.61	0	D	77.1	3.6	26.6	0.0	0.0	0.0	46.9
5424	17644306.82	4845968.87	2.30	0	D	71.5	7.4	25.9	0.0	0.0	0.0	38.2
5426	17644306.82	4845968.87	4.44	0	D	78.6	7.4	25.9	0.0	0.0	0.0	45.3
5435	17644306.82	4845968.87	2.61	0	D	77.1	7.4	25.9	0.0	0.0	0.0	43.8

Receiver
Name: RP07
ID: RP07
X: 17645043.41 m
Y: 4846366.97 m
Z: 6.30 m

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
56	17645028.79	4846598.16	0.10	0	D	63	33.6	-22.3	0.0	-6.0	0.0	0.0	17.2
56	17645028.79	4846598.16	0.10	0	D	80	38.0	-22.3	0.0	-6.0	0.0	0.0	21.6
56	17645028.79	4846598.16	0.10	0	D	100	39.9	-22.3	0.0	-5.9	0.0	0.0	23.5
56	17645028.79	4846598.16	0.10	0	D	125	40.8	-22.3	0.0	-5.9	0.0	0.0	24.4
56	17645028.79	4846598.16	0.10	0	D	160	41.6	-22.3	0.0	-5.8	0.0	0.0	25.2
56	17645028.79	4846598.16	0.10	0	D	200	42.5	-22.3	0.0	-5.7	0.0	0.0	25.9
56	17645028.79	4846598.16	0.10	0	D	250	43.7	-22.3	0.0	-5.6	0.0	0.0	27.0
56	17645028.79	4846598.16	0.10	0	D	315	45.3	-22.3	0.0	-5.5	0.0	0.0	28.5
56	17645028.79	4846598.16	0.10	0	D	400	47.2	-22.3	0.0	-5.3	0.0	0.0	30.2
56	17645028.79	4846598.16	0.10	0	D	500	49.0	-22.3	0.0	-5.1	0.0	0.0	31.8
56	17645028.79	4846598.16	0.10	0	D	630	49.7	-22.3	0.0	-4.8	0.0	0.0	32.2
56	17645028.79	4846598.16	0.10	0	D	800	52.0	-22.3	0.0	-4.5	0.0	0.0	34.2
56	17645028.79	4846598.16	0.10	0	D	1000	52.9	-22.3	0.0	-4.0	0.0	0.0	34.6
56	17645028.79	4846598.16	0.10	0	D	1250	52.8	-22.3	0.0	-3.4	0.0	0.0	33.9
56	17645028.79	4846598.16	0.10	0	D	1600	52.1	-22.3	0.0	-2.4	0.0	0.0	32.2
56	17645028.79	4846598.16	0.10	0	D	2000	51.8	-22.3	0.0	-1.2	0.0	0.0	30.7
56	17645028.79	4846598.16	0.10	0	D	2500	50.3	-22.3	0.0	0.5	0.0	0.0	27.5
56	17645028.79	4846598.16	0.10	0	D	3150	48.9	-22.3	0.0	3.0	0.0	0.0	23.6
56	17645028.79	4846598.16	0.10	0	D	4000	47.0	-22.3	0.0	6.7	0.0	0.0	18.0
56	17645028.79	4846598.16	0.10	0	D	5000	44.7	-22.3	0.0	11.9	0.0	0.0	10.5
56	17645028.79	4846598.16	0.10	0	D	6300	42.1	-22.3	0.0	6.7	0.0	0.0	13.1
56	17645028.79	4846598.16	0.10	0	D	8000	39.5	-22.3	0.0	6.7	0.0	0.0	10.5
64	17644994.08	4846543.47	0.10	0	D	50	25.3	-20.3	0.0	-6.0	0.0	0.0	11.0
64	17644994.08	4846543.47	0.10	0	D	63	33.6	-20.3	0.0	-6.0	0.0	0.0	19.3
64	17644994.08	4846543.47	0.10	0	D	80	38.0	-20.3	0.0	-6.0	0.0	0.0	23.7
64	17644994.08	4846543.47	0.10	0	D	100	39.9	-20.3	0.0	-5.9	0.0	0.0	25.6
64	17644994.08	4846543.47	0.10	0	D	125	40.8	-20.3	0.0	-5.9	0.0	0.0	26.5
64	17644994.08	4846543.47	0.10	0	D	160	41.6	-20.3	0.0	-5.9	0.0	0.0	27.2
64	17644994.08	4846543.47	0.10	0	D	200	42.5	-20.3	0.0	-5.8	0.0	0.0	28.0
64	17644994.08	4846543.47	0.10	0	D	250	43.7	-20.3	0.0	-5.7	0.0	0.0	29.1
64	17644994.08	4846543.47	0.10	0	D	315	45.3	-20.3	0.0	-5.6	0.0	0.0	30.6
64	17644994.08	4846543.47	0.10	0	D	400	47.2	-20.3	0.0	-5.4	0.0	0.0	32.3
64	17644994.08	4846543.47	0.10	0	D	500	49.0	-20.3	0.0	-5.2	0.0	0.0	34.0
64	17644994.08	4846543.47	0.10	0	D	630	49.7	-20.3	0.0	-5.0	0.0	0.0	34.5
64	17644994.08	4846543.47	0.10	0	D	800	52.0	-20.3	0.0	-4.7	0.0	0.0	36.5
64	17644994.08	4846543.47	0.10	0	D	1000	52.9	-20.3	0.0	-4.3	0.0	0.0	37.0
64	17644994.08	4846543.47	0.10	0	D	1250	52.8	-20.3	0.0	-3.8	0.0	0.0	36.4
64	17644994.08	4846543.47	0.10	0	D	1600	52.1	-20.3	0.0	-3.1	0.0	0.0	34.9
64	17644994.08	4846543.47	0.10	0	D	2000	51.8	-20.3	0.0	-2.1	0.0	0.0	33.7
64	17644994.08	4846543.47	0.10	0	D	2500	50.3	-20.3	0.0	-0.7	0.0	0.0	30.7
64	17644994.08	4846543.47	0.10	0	D	3150	48.9	-20.3	0.0	1.3	0.0	0.0	27.3
64	17644994.08	4846543.47	0.10	0	D	4000	47.0	-20.3	0.0	4.5	0.0	0.0	22.2
64	17644994.08	4846543.47	0.10	0	D	5000	44.7	-20.3	0.0	8.8	0.0	0.0	15.6
64	17644994.08	4846543.47	0.10	0	D	6300	42.1	-20.3	0.0	4.5	0.0	0.0	17.4
64	17644994.08	4846543.47	0.10	0	D	8000	39.5	-20.3	0.0	4.5	0.0	0.0	14.8
64	17644994.08	4846543.47	0.10	0	D	10000	36.8	-20.3	0.0	4.5	0.0	0.0	12.1
67	17644965.02	4846497.69	0.10	0	D	50	25.3	-20.4	0.0	-6.0	0.0	0.0	10.9
67	17644965.02	4846497.69	0.10	0	D	63	33.6	-20.4	0.0	-6.0	0.0	0.0	19.1
67	17644965.02	4846497.69	0.10	0	D	80	38.0	-20.4	0.0	-6.0	0.0	0.0	23.5
67	17644965.02	4846497.69	0.10	0	D	100	39.9	-20.4	0.0	-6.0	0.0	0.0	25.4
67	17644965.02	4846497.69	0.10	0	D	125	40.8	-20.4	0.0	-5.9	0.0	0.0	26.3
67	17644965.02	4846497.69	0.10	0	D	160	41.6	-20.4	0.0	-5.9	0.0	0.0	27.1

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
67	17644965.02	4846497.69	0.10	0	D	200	42.5	-20.4	0.0	-5.8	0.0	0.0	27.9
67	17644965.02	4846497.69	0.10	0	D	250	43.7	-20.4	0.0	-5.7	0.0	0.0	29.0
67	17644965.02	4846497.69	0.10	0	D	315	45.3	-20.4	0.0	-5.6	0.0	0.0	30.5
67	17644965.02	4846497.69	0.10	0	D	400	47.2	-20.4	0.0	-5.5	0.0	0.0	32.3
67	17644965.02	4846497.69	0.10	0	D	500	49.0	-20.4	0.0	-5.3	0.0	0.0	33.9
67	17644965.02	4846497.69	0.10	0	D	630	49.7	-20.4	0.0	-5.1	0.0	0.0	34.4
67	17644965.02	4846497.69	0.10	0	D	800	52.0	-20.4	0.0	-4.9	0.0	0.0	36.5
67	17644965.02	4846497.69	0.10	0	D	1000	52.9	-20.4	0.0	-4.6	0.0	0.0	37.0
67	17644965.02	4846497.69	0.10	0	D	1250	52.8	-20.4	0.0	-4.1	0.0	0.0	36.6
67	17644965.02	4846497.69	0.10	0	D	1600	52.1	-20.4	0.0	-3.5	0.0	0.0	35.1
67	17644965.02	4846497.69	0.10	0	D	2000	51.8	-20.4	0.0	-2.6	0.0	0.0	34.1
67	17644965.02	4846497.69	0.10	0	D	2500	50.3	-20.4	0.0	-1.4	0.0	0.0	31.3
67	17644965.02	4846497.69	0.10	0	D	3150	48.9	-20.4	0.0	0.3	0.0	0.0	28.1
67	17644965.02	4846497.69	0.10	0	D	4000	47.0	-20.4	0.0	3.1	0.0	0.0	23.5
67	17644965.02	4846497.69	0.10	0	D	5000	44.7	-20.4	0.0	6.9	0.0	0.0	17.4
67	17644965.02	4846497.69	0.10	0	D	6300	42.1	-20.4	0.0	3.1	0.0	0.0	18.7
67	17644965.02	4846497.69	0.10	0	D	8000	39.5	-20.4	0.0	3.1	0.0	0.0	16.0
67	17644965.02	4846497.69	0.10	0	D	10000	36.8	-20.4	0.0	3.1	0.0	0.0	13.3
69	17644941.61	4846460.82	0.10	0	D	50	25.3	-19.6	0.0	-6.0	0.0	0.0	11.7
69	17644941.61	4846460.82	0.10	0	D	63	33.6	-19.6	0.0	-6.0	0.0	0.0	19.9
69	17644941.61	4846460.82	0.10	0	D	80	38.0	-19.6	0.0	-6.0	0.0	0.0	24.3
69	17644941.61	4846460.82	0.10	0	D	100	39.9	-19.6	0.0	-6.0	0.0	0.0	26.2
69	17644941.61	4846460.82	0.10	0	D	125	40.8	-19.6	0.0	-5.9	0.0	0.0	27.2
69	17644941.61	4846460.82	0.10	0	D	160	41.6	-19.6	0.0	-5.9	0.0	0.0	27.9
69	17644941.61	4846460.82	0.10	0	D	200	42.5	-19.6	0.0	-5.8	0.0	0.0	28.7
69	17644941.61	4846460.82	0.10	0	D	250	43.7	-19.6	0.0	-5.7	0.0	0.0	29.8
69	17644941.61	4846460.82	0.10	0	D	315	45.3	-19.6	0.0	-5.6	0.0	0.0	31.3
69	17644941.61	4846460.82	0.10	0	D	400	47.2	-19.6	0.0	-5.5	0.0	0.0	33.1
69	17644941.61	4846460.82	0.10	0	D	500	49.0	-19.6	0.0	-5.4	0.0	0.0	34.8
69	17644941.61	4846460.82	0.10	0	D	630	49.7	-19.6	0.0	-5.2	0.0	0.0	35.3
69	17644941.61	4846460.82	0.10	0	D	800	52.0	-19.6	0.0	-5.0	0.0	0.0	37.4
69	17644941.61	4846460.82	0.10	0	D	1000	52.9	-19.6	0.0	-4.7	0.0	0.0	38.0
69	17644941.61	4846460.82	0.10	0	D	1250	52.8	-19.6	0.0	-4.3	0.0	0.0	37.5
69	17644941.61	4846460.82	0.10	0	D	1600	52.1	-19.6	0.0	-3.7	0.0	0.0	36.1
69	17644941.61	4846460.82	0.10	0	D	2000	51.8	-19.6	0.0	-2.9	0.0	0.0	35.1
69	17644941.61	4846460.82	0.10	0	D	2500	50.3	-19.6	0.0	-1.8	0.0	0.0	32.5
69	17644941.61	4846460.82	0.10	0	D	3150	48.9	-19.6	0.0	-0.1	0.0	0.0	29.4
69	17644941.61	4846460.82	0.10	0	D	4000	47.0	-19.6	0.0	2.5	0.0	0.0	24.9
69	17644941.61	4846460.82	0.10	0	D	5000	44.7	-19.6	0.0	6.1	0.0	0.0	19.0
69	17644941.61	4846460.82	0.10	0	D	6300	42.1	-19.6	0.0	2.5	0.0	0.0	20.1
69	17644941.61	4846460.82	0.10	0	D	8000	39.5	-19.6	0.0	2.5	0.0	0.0	17.4
69	17644941.61	4846460.82	0.10	0	D	10000	36.8	-19.6	0.0	2.5	0.0	0.0	14.8
75	17644911.46	4846413.33	0.10	0	D	50	25.3	-17.7	0.0	-6.0	0.0	0.0	13.5
75	17644911.46	4846413.33	0.10	0	D	63	33.6	-17.7	0.0	-6.0	0.0	0.0	21.8
75	17644911.46	4846413.33	0.10	0	D	80	38.0	-17.7	0.0	-6.0	0.0	0.0	26.2
75	17644911.46	4846413.33	0.10	0	D	100	39.9	-17.7	0.0	-6.0	0.0	0.0	28.1
75	17644911.46	4846413.33	0.10	0	D	125	40.8	-17.7	0.0	-5.9	0.0	0.0	29.0
75	17644911.46	4846413.33	0.10	0	D	160	41.6	-17.7	0.0	-5.9	0.0	0.0	29.7
75	17644911.46	4846413.33	0.10	0	D	200	42.5	-17.7	0.0	-5.8	0.0	0.0	30.6
75	17644911.46	4846413.33	0.10	0	D	250	43.7	-17.7	0.0	-5.7	0.0	0.0	31.7
75	17644911.46	4846413.33	0.10	0	D	315	45.3	-17.7	0.0	-5.6	0.0	0.0	33.2
75	17644911.46	4846413.33	0.10	0	D	400	47.2	-17.7	0.0	-5.5	0.0	0.0	35.0
75	17644911.46	4846413.33	0.10	0	D	500	49.0	-17.7	0.0	-5.4	0.0	0.0	36.6
75	17644911.46	4846413.33	0.10	0	D	630	49.7	-17.7	0.0	-5.2	0.0	0.0	37.1
75	17644911.46	4846413.33	0.10	0	D	800	52.0	-17.7	0.0	-5.0	0.0	0.0	39.2
75	17644911.46	4846413.33	0.10	0	D	1000	52.9	-17.7	0.0	-4.7	0.0	0.0	39.8
75	17644911.46	4846413.33	0.10	0	D	1250	52.8	-17.7	0.0	-4.3	0.0	0.0	39.3
75	17644911.46	4846413.33	0.10	0	D	1600	52.1	-17.7	0.0	-3.6	0.0	0.0	38.0
75	17644911.46	4846413.33	0.10	0	D	2000	51.8	-17.7	0.0	-2.9	0.0	0.0	36.9
75	17644911.46	4846413.33	0.10	0	D	2500	50.3	-17.7	0.0	-1.7	0.0	0.0	34.3
75	17644911.46	4846413.33	0.10	0	D	3150	48.9	-17.7	0.0	-0.1	0.0	0.0	31.2
75	17644911.46	4846413.33	0.10	0	D	4000	47.0	-17.7	0.0	2.5	0.0	0.0	26.7
75	17644911.46	4846413.33	0.10	0	D	5000	44.7	-17.7	0.0	6.1	0.0	0.0	20.8

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
75	17644911.46	4846413.33	0.10	0	D	6300	42.1	-17.7	0.0	2.5	0.0	0.0	21.9
75	17644911.46	4846413.33	0.10	0	D	8000	39.5	-17.7	0.0	2.5	0.0	0.0	19.2
75	17644911.46	4846413.33	0.10	0	D	10000	36.8	-17.7	0.0	2.5	0.0	0.0	16.5
81	17644874.57	4846355.22	0.10	0	D	50	25.3	-19.3	0.0	-6.0	0.0	0.0	12.0
81	17644874.57	4846355.22	0.10	0	D	63	33.6	-19.3	0.0	-6.0	0.0	0.0	20.2
81	17644874.57	4846355.22	0.10	0	D	80	38.0	-19.3	0.0	-6.0	0.0	0.0	24.6
81	17644874.57	4846355.22	0.10	0	D	100	39.9	-19.3	0.0	-5.9	0.0	0.0	26.5
81	17644874.57	4846355.22	0.10	0	D	125	40.8	-19.3	0.0	-5.9	0.0	0.0	27.4
81	17644874.57	4846355.22	0.10	0	D	160	41.6	-19.3	0.0	-5.9	0.0	0.0	28.2
81	17644874.57	4846355.22	0.10	0	D	200	42.5	-19.3	0.0	-5.8	0.0	0.0	29.0
81	17644874.57	4846355.22	0.10	0	D	250	43.7	-19.3	0.0	-5.7	0.0	0.0	30.1
81	17644874.57	4846355.22	0.10	0	D	315	45.3	-19.3	0.0	-5.6	0.0	0.0	31.6
81	17644874.57	4846355.22	0.10	0	D	400	47.2	-19.3	0.0	-5.4	0.0	0.0	33.3
81	17644874.57	4846355.22	0.10	0	D	500	49.0	-19.3	0.0	-5.3	0.0	0.0	35.0
81	17644874.57	4846355.22	0.10	0	D	630	49.7	-19.3	0.0	-5.1	0.0	0.0	35.5
81	17644874.57	4846355.22	0.10	0	D	800	52.0	-19.3	0.0	-4.8	0.0	0.0	37.5
81	17644874.57	4846355.22	0.10	0	D	1000	52.9	-19.3	0.0	-4.4	0.0	0.0	38.0
81	17644874.57	4846355.22	0.10	0	D	1250	52.8	-19.3	0.0	-4.0	0.0	0.0	37.5
81	17644874.57	4846355.22	0.10	0	D	1600	52.1	-19.3	0.0	-3.3	0.0	0.0	36.0
81	17644874.57	4846355.22	0.10	0	D	2000	51.8	-19.3	0.0	-2.3	0.0	0.0	34.9
81	17644874.57	4846355.22	0.10	0	D	2500	50.3	-19.3	0.0	-1.0	0.0	0.0	32.0
81	17644874.57	4846355.22	0.10	0	D	3150	48.9	-19.3	0.0	0.9	0.0	0.0	28.7
81	17644874.57	4846355.22	0.10	0	D	4000	47.0	-19.3	0.0	3.8	0.0	0.0	23.8
81	17644874.57	4846355.22	0.10	0	D	5000	44.7	-19.3	0.0	7.9	0.0	0.0	17.5
81	17644874.57	4846355.22	0.10	0	D	6300	42.1	-19.3	0.0	3.8	0.0	0.0	19.0
81	17644874.57	4846355.22	0.10	0	D	8000	39.5	-19.3	0.0	3.8	0.0	0.0	16.4
81	17644874.57	4846355.22	0.10	0	D	10000	36.8	-19.3	0.0	3.8	0.0	0.0	13.7
90	17645028.79	4846598.16	1.52	0	D	63	29.7	-22.3	0.0	-5.9	0.0	0.0	13.4
90	17645028.79	4846598.16	1.52	0	D	80	34.1	-22.3	0.0	-5.9	0.0	0.0	17.7
90	17645028.79	4846598.16	1.52	0	D	100	36.2	-22.3	0.0	-5.9	0.0	0.0	19.8
90	17645028.79	4846598.16	1.52	0	D	125	37.4	-22.3	0.0	-5.8	0.0	0.0	21.0
90	17645028.79	4846598.16	1.52	0	D	160	38.6	-22.3	0.0	-5.7	0.0	0.0	22.1
90	17645028.79	4846598.16	1.52	0	D	200	40.2	-22.3	0.0	-5.6	0.0	0.0	23.5
90	17645028.79	4846598.16	1.52	0	D	250	42.4	-22.3	0.0	-5.3	0.0	0.0	25.5
90	17645028.79	4846598.16	1.52	0	D	315	45.1	-22.3	0.0	-5.1	0.0	0.0	27.9
90	17645028.79	4846598.16	1.52	0	D	400	48.0	-22.3	0.0	-4.7	0.0	0.0	30.4
90	17645028.79	4846598.16	1.52	0	D	500	51.3	-22.3	0.0	-4.1	0.0	0.0	33.2
90	17645028.79	4846598.16	1.52	0	D	630	54.5	-22.3	0.0	-3.3	0.0	0.0	35.5
90	17645028.79	4846598.16	1.52	0	D	800	49.7	-22.3	0.0	-1.9	0.0	0.0	29.4
90	17645028.79	4846598.16	1.52	0	D	1000	50.8	-22.3	0.0	0.1	0.0	0.0	28.4
90	17645028.79	4846598.16	1.52	0	D	1250	47.0	-22.3	0.0	3.7	0.0	0.0	21.0
90	17645028.79	4846598.16	1.52	0	D	1600	47.8	-22.3	0.0	11.4	0.0	0.0	14.1
90	17645028.79	4846598.16	1.52	0	D	2000	43.8	-22.3	0.0	8.2	0.0	0.0	13.3
90	17645028.79	4846598.16	1.52	0	D	2500	40.6	-22.3	0.0	2.8	0.0	0.0	15.5
90	17645028.79	4846598.16	1.52	0	D	3150	37.8	-22.3	0.0	1.4	0.0	0.0	14.1
103	17644994.08	4846543.47	1.52	0	D	63	29.7	-20.3	0.0	-5.9	0.0	0.0	15.4
103	17644994.08	4846543.47	1.52	0	D	80	34.1	-20.3	0.0	-5.9	0.0	0.0	19.7
103	17644994.08	4846543.47	1.52	0	D	100	36.2	-20.3	0.0	-5.9	0.0	0.0	21.8
103	17644994.08	4846543.47	1.52	0	D	125	37.4	-20.3	0.0	-5.8	0.0	0.0	23.0
103	17644994.08	4846543.47	1.52	0	D	160	38.6	-20.3	0.0	-5.7	0.0	0.0	24.1
103	17644994.08	4846543.47	1.52	0	D	200	40.2	-20.3	0.0	-5.6	0.0	0.0	25.5
103	17644994.08	4846543.47	1.52	0	D	250	42.4	-20.3	0.0	-5.3	0.0	0.0	27.5
103	17644994.08	4846543.47	1.52	0	D	315	45.1	-20.3	0.0	-5.0	0.0	0.0	29.8
103	17644994.08	4846543.47	1.52	0	D	400	48.0	-20.3	0.0	-4.5	0.0	0.0	32.3
103	17644994.08	4846543.47	1.52	0	D	500	51.3	-20.3	0.0	-3.9	0.0	0.0	34.9
103	17644994.08	4846543.47	1.52	0	D	630	54.5	-20.3	0.0	-2.8	0.0	0.0	37.0
103	17644994.08	4846543.47	1.52	0	D	800	49.7	-20.3	0.0	-1.0	0.0	0.0	30.4
103	17644994.08	4846543.47	1.52	0	D	1000	50.8	-20.3	0.0	2.1	0.0	0.0	28.5
103	17644994.08	4846543.47	1.52	0	D	1250	47.0	-20.3	0.0	8.4	0.0	0.0	18.3
103	17644994.08	4846543.47	1.52	0	D	1600	47.8	-20.3	0.0	10.2	0.0	0.0	17.3
103	17644994.08	4846543.47	1.52	0	D	2000	43.8	-20.3	0.0	2.1	0.0	0.0	21.5
103	17644994.08	4846543.47	1.52	0	D	2500	40.6	-20.3	0.0	-1.0	0.0	0.0	21.3
103	17644994.08	4846543.47	1.52	0	D	3150	37.8	-20.3	0.0	-0.3	0.0	0.0	17.8

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
106	17644965.02	4846497.69	1.52	0	D	63	29.7	-20.4	0.0	-5.9	0.0	0.0	15.2
106	17644965.02	4846497.69	1.52	0	D	80	34.1	-20.4	0.0	-5.9	0.0	0.0	19.6
106	17644965.02	4846497.69	1.52	0	D	100	36.2	-20.4	0.0	-5.9	0.0	0.0	21.6
106	17644965.02	4846497.69	1.52	0	D	125	37.4	-20.4	0.0	-5.8	0.0	0.0	22.8
106	17644965.02	4846497.69	1.52	0	D	160	38.6	-20.4	0.0	-5.7	0.0	0.0	23.9
106	17644965.02	4846497.69	1.52	0	D	200	40.2	-20.4	0.0	-5.5	0.0	0.0	25.3
106	17644965.02	4846497.69	1.52	0	D	250	42.4	-20.4	0.0	-5.2	0.0	0.0	27.2
106	17644965.02	4846497.69	1.52	0	D	315	45.1	-20.4	0.0	-4.9	0.0	0.0	29.6
106	17644965.02	4846497.69	1.52	0	D	400	48.0	-20.4	0.0	-4.3	0.0	0.0	31.9
106	17644965.02	4846497.69	1.52	0	D	500	51.3	-20.4	0.0	-3.5	0.0	0.0	34.4
106	17644965.02	4846497.69	1.52	0	D	630	54.5	-20.4	0.0	-2.1	0.0	0.0	36.1
106	17644965.02	4846497.69	1.52	0	D	800	49.7	-20.4	0.0	0.5	0.0	0.0	28.8
106	17644965.02	4846497.69	1.52	0	D	1000	50.8	-20.4	0.0	5.3	0.0	0.0	25.0
106	17644965.02	4846497.69	1.52	0	D	1250	47.0	-20.4	0.0	16.3	0.0	0.0	10.3
106	17644965.02	4846497.69	1.52	0	D	1600	47.8	-20.4	0.0	3.3	0.0	0.0	24.0
106	17644965.02	4846497.69	1.52	0	D	2000	43.8	-20.4	0.0	-1.5	0.0	0.0	24.9
106	17644965.02	4846497.69	1.52	0	D	2500	40.6	-20.4	0.0	-2.6	0.0	0.0	22.8
106	17644965.02	4846497.69	1.52	0	D	3150	37.8	-20.4	0.0	1.2	0.0	0.0	16.1
122	17644941.61	4846460.82	1.52	0	D	63	29.7	-19.6	0.0	-5.9	0.0	0.0	16.0
122	17644941.61	4846460.82	1.52	0	D	80	34.1	-19.6	0.0	-5.9	0.0	0.0	20.4
122	17644941.61	4846460.82	1.52	0	D	100	36.2	-19.6	0.0	-5.9	0.0	0.0	22.4
122	17644941.61	4846460.82	1.52	0	D	125	37.4	-19.6	0.0	-5.8	0.0	0.0	23.6
122	17644941.61	4846460.82	1.52	0	D	160	38.6	-19.6	0.0	-5.7	0.0	0.0	24.7
122	17644941.61	4846460.82	1.52	0	D	200	40.2	-19.6	0.0	-5.5	0.0	0.0	26.0
122	17644941.61	4846460.82	1.52	0	D	250	42.4	-19.6	0.0	-5.2	0.0	0.0	28.0
122	17644941.61	4846460.82	1.52	0	D	315	45.1	-19.6	0.0	-4.8	0.0	0.0	30.3
122	17644941.61	4846460.82	1.52	0	D	400	48.0	-19.6	0.0	-4.1	0.0	0.0	32.6
122	17644941.61	4846460.82	1.52	0	D	500	51.3	-19.6	0.0	-3.2	0.0	0.0	34.9
122	17644941.61	4846460.82	1.52	0	D	630	54.5	-19.6	0.0	-1.5	0.0	0.0	36.4
122	17644941.61	4846460.82	1.52	0	D	800	49.7	-19.6	0.0	1.7	0.0	0.0	28.4
122	17644941.61	4846460.82	1.52	0	D	1000	50.8	-19.6	0.0	8.6	0.0	0.0	22.6
122	17644941.61	4846460.82	1.52	0	D	1250	47.0	-19.6	0.0	11.5	0.0	0.0	15.9
122	17644941.61	4846460.82	1.52	0	D	1600	47.8	-19.6	0.0	0.7	0.0	0.0	27.5
122	17644941.61	4846460.82	1.52	0	D	2000	43.8	-19.6	0.0	-2.8	0.0	0.0	27.0
122	17644941.61	4846460.82	1.52	0	D	2500	40.6	-19.6	0.0	-2.7	0.0	0.0	23.7
122	17644941.61	4846460.82	1.52	0	D	3150	37.8	-19.6	0.0	4.4	0.0	0.0	13.8
122	17644941.61	4846460.82	1.52	0	D	4000	34.8	-19.6	0.0	4.5	0.0	0.0	10.8
130	17644911.46	4846413.33	1.52	0	D	63	29.7	-17.7	0.0	-5.9	0.0	0.0	17.9
130	17644911.46	4846413.33	1.52	0	D	80	34.1	-17.7	0.0	-5.9	0.0	0.0	22.2
130	17644911.46	4846413.33	1.52	0	D	100	36.2	-17.7	0.0	-5.9	0.0	0.0	24.3
130	17644911.46	4846413.33	1.52	0	D	125	37.4	-17.7	0.0	-5.8	0.0	0.0	25.5
130	17644911.46	4846413.33	1.52	0	D	160	38.6	-17.7	0.0	-5.7	0.0	0.0	26.6
130	17644911.46	4846413.33	1.52	0	D	200	40.2	-17.7	0.0	-5.5	0.0	0.0	27.9
130	17644911.46	4846413.33	1.52	0	D	250	42.4	-17.7	0.0	-5.2	0.0	0.0	29.8
130	17644911.46	4846413.33	1.52	0	D	315	45.1	-17.7	0.0	-4.8	0.0	0.0	32.1
130	17644911.46	4846413.33	1.52	0	D	400	48.0	-17.7	0.0	-4.2	0.0	0.0	34.4
130	17644911.46	4846413.33	1.52	0	D	500	51.3	-17.7	0.0	-3.2	0.0	0.0	36.8
130	17644911.46	4846413.33	1.52	0	D	630	54.5	-17.7	0.0	-1.6	0.0	0.0	38.3
130	17644911.46	4846413.33	1.52	0	D	800	49.7	-17.7	0.0	1.5	0.0	0.0	30.4
130	17644911.46	4846413.33	1.52	0	D	1000	50.8	-17.7	0.0	8.1	0.0	0.0	24.9
130	17644911.46	4846413.33	1.52	0	D	1250	47.0	-17.7	0.0	12.2	0.0	0.0	17.1
130	17644911.46	4846413.33	1.52	0	D	1600	47.8	-17.7	0.0	0.9	0.0	0.0	29.1
130	17644911.46	4846413.33	1.52	0	D	2000	43.8	-17.7	0.0	-2.7	0.0	0.0	28.8
130	17644911.46	4846413.33	1.52	0	D	2500	40.6	-17.7	0.0	-2.7	0.0	0.0	25.6
130	17644911.46	4846413.33	1.52	0	D	3150	37.8	-17.7	0.0	3.9	0.0	0.0	16.1
130	17644911.46	4846413.33	1.52	0	D	4000	34.8	-17.7	0.0	5.1	0.0	0.0	12.0
130	17644911.46	4846413.33	1.52	0	D	5000	32.1	-17.7	0.0	3.2	0.0	0.0	11.1
138	17644874.57	4846355.22	1.52	0	D	63	29.7	-19.3	0.0	-5.9	0.0	0.0	16.3
138	17644874.57	4846355.22	1.52	0	D	80	34.1	-19.3	0.0	-5.9	0.0	0.0	20.7
138	17644874.57	4846355.22	1.52	0	D	100	36.2	-19.3	0.0	-5.9	0.0	0.0	22.7
138	17644874.57	4846355.22	1.52	0	D	125	37.4	-19.3	0.0	-5.8	0.0	0.0	23.9
138	17644874.57	4846355.22	1.52	0	D	160	38.6	-19.3	0.0	-5.7	0.0	0.0	25.0
138	17644874.57	4846355.22	1.52	0	D	200	40.2	-19.3	0.0	-5.5	0.0	0.0	26.4

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
138	17644874.57	4846355.22	1.52	0	D	250	42.4	-19.3	0.0	-5.3	0.0	0.0	28.4
138	17644874.57	4846355.22	1.52	0	D	315	45.1	-19.3	0.0	-5.0	0.0	0.0	30.7
138	17644874.57	4846355.22	1.52	0	D	400	48.0	-19.3	0.0	-4.5	0.0	0.0	33.2
138	17644874.57	4846355.22	1.52	0	D	500	51.3	-19.3	0.0	-3.7	0.0	0.0	35.7
138	17644874.57	4846355.22	1.52	0	D	630	54.5	-19.3	0.0	-2.5	0.0	0.0	37.7
138	17644874.57	4846355.22	1.52	0	D	800	49.7	-19.3	0.0	-0.5	0.0	0.0	30.9
138	17644874.57	4846355.22	1.52	0	D	1000	50.8	-19.3	0.0	3.2	0.0	0.0	28.3
138	17644874.57	4846355.22	1.52	0	D	1250	47.0	-19.3	0.0	11.6	0.0	0.0	16.1
138	17644874.57	4846355.22	1.52	0	D	1600	47.8	-19.3	0.0	6.9	0.0	0.0	21.5
138	17644874.57	4846355.22	1.52	0	D	2000	43.8	-19.3	0.0	0.4	0.0	0.0	24.1
138	17644874.57	4846355.22	1.52	0	D	2500	40.6	-19.3	0.0	-1.8	0.0	0.0	23.2
138	17644874.57	4846355.22	1.52	0	D	3150	37.8	-19.3	0.0	-0.1	0.0	0.0	18.5
143	17644854.13	4846323.18	0.10	0	D	80	38.0	-30.3	0.0	-6.0	0.0	0.0	13.6
143	17644854.13	4846323.18	0.10	0	D	100	39.9	-30.3	0.0	-5.9	0.0	0.0	15.5
143	17644854.13	4846323.18	0.10	0	D	125	40.8	-30.3	0.0	-5.9	0.0	0.0	16.4
143	17644854.13	4846323.18	0.10	0	D	160	41.6	-30.3	0.0	-5.9	0.0	0.0	17.1
143	17644854.13	4846323.18	0.10	0	D	200	42.5	-30.3	0.0	-5.8	0.0	0.0	17.9
143	17644854.13	4846323.18	0.10	0	D	250	43.7	-30.3	0.0	-5.6	0.0	0.0	19.0
143	17644854.13	4846323.18	0.10	0	D	315	45.3	-30.3	0.0	-5.5	0.0	0.0	20.5
143	17644854.13	4846323.18	0.10	0	D	400	47.2	-30.3	0.0	-5.4	0.0	0.0	22.2
143	17644854.13	4846323.18	0.10	0	D	500	49.0	-30.3	0.0	-5.2	0.0	0.0	23.8
143	17644854.13	4846323.18	0.10	0	D	630	49.7	-30.3	0.0	-5.0	0.0	0.0	24.3
143	17644854.13	4846323.18	0.10	0	D	800	52.0	-30.3	0.0	-4.7	0.0	0.0	26.3
143	17644854.13	4846323.18	0.10	0	D	1000	52.9	-30.3	0.0	-4.3	0.0	0.0	26.8
143	17644854.13	4846323.18	0.10	0	D	1250	52.8	-30.3	0.0	-3.7	0.0	0.0	26.2
143	17644854.13	4846323.18	0.10	0	D	1600	52.1	-30.3	0.0	-2.9	0.0	0.0	24.6
143	17644854.13	4846323.18	0.10	0	D	2000	51.8	-30.3	0.0	-1.9	0.0	0.0	23.4
143	17644854.13	4846323.18	0.10	0	D	2500	50.3	-30.3	0.0	-0.4	0.0	0.0	20.4
143	17644854.13	4846323.18	0.10	0	D	3150	48.9	-30.3	0.0	1.7	0.0	0.0	16.8
143	17644854.13	4846323.18	0.10	0	D	4000	47.0	-30.3	0.0	5.0	0.0	0.0	11.6
3138	17644854.13	4846323.18	1.52	0	D	100	36.2	-30.3	0.0	-5.9	0.0	0.0	11.7
3138	17644854.13	4846323.18	1.52	0	D	125	37.4	-30.3	0.0	-5.8	0.0	0.0	12.9
3138	17644854.13	4846323.18	1.52	0	D	160	38.6	-30.3	0.0	-5.7	0.0	0.0	14.0
3138	17644854.13	4846323.18	1.52	0	D	200	40.2	-30.3	0.0	-5.6	0.0	0.0	15.4
3138	17644854.13	4846323.18	1.52	0	D	250	42.4	-30.3	0.0	-5.3	0.0	0.0	17.4
3138	17644854.13	4846323.18	1.52	0	D	315	45.1	-30.3	0.0	-5.0	0.0	0.0	19.8
3138	17644854.13	4846323.18	1.52	0	D	400	48.0	-30.3	0.0	-4.6	0.0	0.0	22.3
3138	17644854.13	4846323.18	1.52	0	D	500	51.3	-30.3	0.0	-4.0	0.0	0.0	24.9
3138	17644854.13	4846323.18	1.52	0	D	630	54.5	-30.3	0.0	-3.0	0.0	0.0	27.1
3138	17644854.13	4846323.18	1.52	0	D	800	49.7	-30.3	0.0	-1.3	0.0	0.0	20.7
3138	17644854.13	4846323.18	1.52	0	D	1000	50.8	-30.3	0.0	1.4	0.0	0.0	19.0
3138	17644854.13	4846323.18	1.52	0	D	2500	40.6	-30.3	0.0	-0.2	0.0	0.0	10.4

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4443	17645055.57	4846239.00	4.44	0	D	84.6	9.2	15.9	0.0	15.0	0.0	44.6
4444	17645045.96	4846236.15	4.44	0	D	84.6	9.2	16.6	0.0	15.0	0.0	43.9
4445	17645038.82	4846234.04	4.44	0	D	84.6	9.2	19.0	0.0	15.0	0.0	41.4
4446	17645035.46	4846233.04	4.44	0	D	84.6	9.2	24.7	0.0	15.0	0.0	35.7
4447	17645009.93	4846225.49	4.44	0	D	84.6	9.2	10.1	0.0	15.0	0.0	50.3
4448	17644980.07	4846216.65	4.44	0	D	84.6	9.2	18.0	0.0	15.0	0.0	42.4
4449	17644967.12	4846212.81	4.44	0	D	84.6	9.2	16.5	0.0	15.0	0.0	43.9
4450	17644950.94	4846208.02	4.44	0	D	84.6	9.2	16.9	0.0	15.0	0.0	43.6
4451	17644941.07	4846205.10	4.44	0	D	84.6	9.2	24.4	0.0	15.0	0.0	36.0
4452	17644935.60	4846203.48	4.44	0	D	84.6	9.2	20.7	0.0	15.0	0.0	39.7
4453	17644919.47	4846198.71	4.44	0	D	84.6	9.2	16.3	0.0	15.0	0.0	44.1
4454	17644881.60	4846187.50	4.44	0	D	84.6	9.2	14.3	0.0	15.0	0.0	46.1
4455	17644831.23	4846172.59	4.44	0	D	84.6	9.2	16.0	0.0	15.0	0.0	44.4
4483	17645055.57	4846239.00	2.30	0	D	71.5	9.2	15.9	0.0	15.0	0.0	31.4
4484	17645045.96	4846236.15	2.30	0	D	71.5	9.2	16.6	0.0	15.0	0.0	30.7
4485	17645038.82	4846234.04	2.30	0	D	71.5	9.2	19.0	0.0	15.0	0.0	28.3
4486	17645035.46	4846233.04	2.30	0	D	71.5	9.2	24.7	0.0	15.0	0.0	22.6

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4487	17645009.93	4846225.49	2.30	0	D	71.5	9.2	10.1	0.0	15.0	0.0	37.2
4488	17644980.07	4846216.65	2.30	0	D	71.5	9.2	18.0	0.0	15.0	0.0	29.3
4489	17644967.12	4846212.81	2.30	0	D	71.5	9.2	16.5	0.0	15.0	0.0	30.8
4490	17644950.94	4846208.02	2.30	0	D	71.5	9.2	16.9	0.0	15.0	0.0	30.4
4491	17644941.07	4846205.10	2.30	0	D	71.5	9.2	24.4	0.0	15.0	0.0	22.9
4493	17644935.60	4846203.48	2.30	0	D	71.5	9.2	20.7	0.0	15.0	0.0	26.6
4494	17644919.47	4846198.71	2.30	0	D	71.5	9.2	16.3	0.0	15.0	0.0	31.0
4495	17644881.60	4846187.50	2.30	0	D	71.5	9.2	14.3	0.0	15.0	0.0	33.0
4496	17644831.23	4846172.59	2.30	0	D	71.5	9.2	16.0	0.0	15.0	0.0	31.3
4568	17645055.57	4846239.00	2.61	0	D	77.1	9.2	15.9	0.0	15.0	0.0	37.0
4569	17645045.96	4846236.15	2.61	0	D	77.1	9.2	16.6	0.0	15.0	0.0	36.3
4570	17645038.82	4846234.04	2.61	0	D	77.1	9.2	19.0	0.0	15.0	0.0	33.9
4571	17645035.46	4846233.04	2.61	0	D	77.1	9.2	24.7	0.0	15.0	0.0	28.2
4572	17645009.93	4846225.49	2.61	0	D	77.1	9.2	10.1	0.0	15.0	0.0	42.8
4573	17644980.07	4846216.65	2.61	0	D	77.1	9.2	18.0	0.0	15.0	0.0	34.9
4574	17644967.12	4846212.81	2.61	0	D	77.1	9.2	16.5	0.0	15.0	0.0	36.4
4575	17644950.94	4846208.02	2.61	0	D	77.1	9.2	16.9	0.0	15.0	0.0	36.0
4578	17644935.60	4846203.48	2.61	0	D	77.1	9.2	20.7	0.0	15.0	0.0	32.2
4579	17644919.47	4846198.71	2.61	0	D	77.1	9.2	16.3	0.0	15.0	0.0	36.6
4580	17644881.60	4846187.50	2.61	0	D	77.1	9.2	14.3	0.0	15.0	0.0	38.6
4581	17644831.23	4846172.59	2.61	0	D	77.1	9.2	16.0	0.0	15.0	0.0	36.9
4692	17644787.68	4846159.79	4.44	0	D	84.6	9.2	18.3	0.0	15.0	0.0	42.1
4693	17644761.05	4846152.02	4.44	0	D	84.6	9.2	22.8	0.0	15.0	0.0	37.6
4694	17644751.63	4846149.28	4.44	0	D	84.6	9.2	30.0	0.0	15.0	0.0	30.4
4695	17644716.70	4846139.10	4.44	0	D	84.6	9.2	17.5	0.0	15.0	0.0	42.9
4696	17644674.06	4846126.68	4.44	0	D	84.6	9.2	23.9	0.0	15.0	0.0	36.4
4708	17644630.57	4846112.95	4.44	0	D	84.6	8.8	19.5	0.0	15.0	0.0	41.3
4709	17644579.74	4846096.57	4.44	0	D	84.6	8.8	23.5	0.0	15.0	0.0	37.3
4711	17644544.13	4846085.10	4.44	0	D	84.6	8.8	24.2	0.0	15.0	0.0	36.7
4726	17644787.68	4846159.79	2.30	0	D	71.5	9.2	18.3	0.0	15.0	0.0	28.9
4727	17644761.05	4846152.02	2.30	0	D	71.5	9.2	22.8	0.0	15.0	0.0	24.5
4729	17644716.70	4846139.10	2.30	0	D	71.5	9.2	17.5	0.0	15.0	0.0	29.8
4730	17644674.06	4846126.68	2.30	0	D	71.5	9.2	23.9	0.0	15.0	0.0	23.3
4756	17644787.68	4846159.79	2.61	0	D	77.1	9.2	18.3	0.0	15.0	0.0	34.5
4757	17644761.05	4846152.02	2.61	0	D	77.1	9.2	22.8	0.0	15.0	0.0	30.1
4759	17644716.70	4846139.10	2.61	0	D	77.1	9.2	17.5	0.0	15.0	0.0	35.4
4760	17644674.06	4846126.68	2.61	0	D	77.1	9.2	23.9	0.0	15.0	0.0	28.9
4761	17644516.17	4846075.12	4.44	0	D	84.6	6.8	28.0	0.0	15.0	0.0	34.9
4762	17644470.04	4846056.43	4.44	0	D	84.6	6.8	23.9	0.0	15.0	0.0	38.9
4775	17644424.30	4846037.09	4.44	0	D	84.6	3.1	33.0	0.0	15.0	0.0	33.5
4776	17644373.12	4846012.66	4.44	0	D	84.6	3.1	28.2	0.0	15.0	0.0	38.4
4806	17644630.57	4846112.95	2.30	0	D	71.5	8.8	19.5	0.0	15.0	0.0	28.2
4807	17644579.74	4846096.57	2.30	0	D	71.5	8.8	23.5	0.0	15.0	0.0	24.2
4809	17644544.13	4846085.10	2.30	0	D	71.5	8.8	24.2	0.0	15.0	0.0	23.5
4829	17644129.34	4845870.33	4.44	0	D	84.6	7.1	24.3	0.0	15.0	0.0	38.2
4872	17644630.57	4846112.95	2.61	0	D	77.1	8.8	19.5	0.0	15.0	0.0	33.8
4873	17644579.74	4846096.57	2.61	0	D	77.1	8.8	23.5	0.0	15.0	0.0	29.8
4875	17644544.13	4846085.10	2.61	0	D	77.1	8.8	24.2	0.0	15.0	0.0	29.1
4933	17644302.65	4845976.62	4.44	0	D	84.6	0.9	32.2	0.0	15.0	0.0	36.5
4973	17644516.17	4846075.12	2.30	0	D	71.5	6.8	28.0	0.0	15.0	0.0	21.7
4974	17644470.04	4846056.43	2.30	0	D	71.5	6.8	23.9	0.0	15.0	0.0	25.8
5003	17644424.30	4846037.09	2.30	0	D	71.5	3.1	33.0	0.0	15.0	0.0	20.4
5004	17644373.12	4846012.66	2.30	0	D	71.5	3.1	28.1	0.0	15.0	0.0	25.2
5017	17644251.35	4845947.39	4.44	0	D	84.6	4.3	31.0	0.0	15.0	0.0	34.2
5035	17644516.17	4846075.12	2.61	0	D	77.1	6.8	28.0	0.0	15.0	0.0	27.3
5036	17644470.04	4846056.43	2.61	0	D	77.1	6.8	23.9	0.0	15.0	0.0	31.4
5050	17644129.34	4845870.33	2.30	0	D	71.5	7.1	24.3	0.0	15.0	0.0	25.1
5055	17644211.24	4845922.96	4.44	0	D	84.6	6.5	30.8	0.0	15.0	0.0	32.4
5057	17644373.12	4846012.66	2.61	0	D	77.1	3.1	28.1	0.0	15.0	0.0	30.8
5060	17644035.27	4845810.38	4.44	0	D	84.6	5.3	31.6	0.0	15.0	0.0	32.7
5062	17644129.34	4845870.33	2.61	0	D	77.1	7.1	24.3	0.0	15.0	0.0	30.7
5064	17644302.65	4845976.62	2.30	0	D	71.5	1.0	32.1	0.0	15.0	0.0	23.3
5076	17644302.65	4845976.62	2.61	0	D	77.1	1.0	32.2	0.0	15.0	0.0	28.9

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5082	17644251.35	4845947.39	2.30	0	D	71.5	4.3	31.0	0.0	15.0	0.0	21.1
5098	17644211.24	4845922.96	2.30	0	D	71.5	6.5	30.8	0.0	15.0	0.0	19.3
5100	17644035.27	4845810.38	2.30	0	D	71.5	5.4	31.6	0.0	15.0	0.0	19.6
5102	17644251.35	4845947.39	2.61	0	D	77.1	4.3	31.0	0.0	15.0	0.0	26.7

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4456	17645047.32	4846218.60	4.44	0	D	84.6	9.7	17.5	0.0	15.0	0.0	42.4
4457	17645068.84	4846225.11	4.44	0	D	84.6	9.7	11.0	0.0	15.0	0.0	48.9
4458	17645103.67	4846235.63	4.44	0	D	84.6	9.7	11.0	0.0	15.0	0.0	48.9
4459	17645128.07	4846243.00	4.44	0	D	84.6	9.7	15.3	0.0	15.0	0.0	44.6
4460	17645141.53	4846247.06	4.44	0	D	84.6	9.7	15.9	0.0	15.0	0.0	44.0
4461	17645148.79	4846249.26	4.44	0	D	84.6	9.7	25.2	0.0	15.0	0.0	34.7
4462	17645150.89	4846249.89	4.44	0	D	84.6	9.7	23.1	0.0	15.0	0.0	36.8
4463	17645157.94	4846252.02	4.44	0	D	84.6	9.7	16.8	0.0	15.0	0.0	43.0
4464	17645165.56	4846254.32	4.44	0	D	84.6	9.7	21.9	0.0	15.0	0.0	38.0
4465	17645194.80	4846263.16	4.44	0	D	84.6	9.7	11.1	0.0	15.0	0.0	48.8
4466	17645228.95	4846273.47	4.44	0	D	84.6	9.7	18.2	0.0	15.0	0.0	41.6
4582	17645047.32	4846218.60	2.30	0	D	71.5	9.7	17.5	0.0	15.0	0.0	29.2
4583	17645068.84	4846225.11	2.30	0	D	71.5	9.7	11.0	0.0	15.0	0.0	35.7
4584	17645103.67	4846235.63	2.30	0	D	71.5	9.7	11.0	0.0	15.0	0.0	35.7
4585	17645128.07	4846243.00	2.30	0	D	71.5	9.7	15.3	0.0	15.0	0.0	31.4
4586	17645141.53	4846247.06	2.30	0	D	71.5	9.7	15.9	0.0	15.0	0.0	30.8
4587	17645148.79	4846249.26	2.30	0	D	71.5	9.7	25.2	0.0	15.0	0.0	21.6
4588	17645150.89	4846249.89	2.30	0	D	71.5	9.7	23.1	0.0	15.0	0.0	23.7
4589	17645157.94	4846252.02	2.30	0	D	71.5	9.7	16.8	0.0	15.0	0.0	29.9
4590	17645165.56	4846254.32	2.30	0	D	71.5	9.7	21.9	0.0	15.0	0.0	24.9
4591	17645194.80	4846263.16	2.30	0	D	71.5	9.7	11.1	0.0	15.0	0.0	35.6
4592	17645228.95	4846273.47	2.30	0	D	71.5	9.7	18.2	0.0	15.0	0.0	28.5
4669	17645047.32	4846218.60	2.61	0	D	77.1	9.7	17.5	0.0	15.0	0.0	34.8
4670	17645068.84	4846225.11	2.61	0	D	77.1	9.7	11.0	0.0	15.0	0.0	41.4
4671	17645103.67	4846235.63	2.61	0	D	77.1	9.7	11.0	0.0	15.0	0.0	41.3
4672	17645128.07	4846243.00	2.61	0	D	77.1	9.7	15.3	0.0	15.0	0.0	37.1
4673	17645141.53	4846247.06	2.61	0	D	77.1	9.7	15.9	0.0	15.0	0.0	36.4
4674	17645148.79	4846249.26	2.61	0	D	77.1	9.7	25.2	0.0	15.0	0.0	27.2
4675	17645150.70	4846249.83	2.61	0	D	77.1	9.7	23.8	0.0	15.0	0.0	28.6
4676	17645157.75	4846251.96	2.61	0	D	77.1	9.7	16.7	0.0	15.0	0.0	35.7
4677	17645165.56	4846254.32	2.61	0	D	77.1	9.7	21.9	0.0	15.0	0.0	30.5
4678	17645194.80	4846263.16	2.61	0	D	77.1	9.7	11.1	0.0	15.0	0.0	41.3
4679	17645228.95	4846273.47	2.61	0	D	77.1	9.7	18.2	0.0	15.0	0.0	34.1
4680	17645322.75	4846303.65	4.44	0	D	84.6	9.8	16.8	0.0	15.0	0.0	43.0
4681	17645344.49	4846310.58	4.44	0	D	84.6	9.8	23.5	0.0	15.0	0.0	36.3
4682	17645351.04	4846312.67	4.44	0	D	84.6	9.8	26.5	0.0	15.0	0.0	33.3
4683	17645357.93	4846314.86	4.44	0	D	84.6	9.8	23.5	0.0	15.0	0.0	36.3
4684	17645371.91	4846319.32	4.44	0	D	84.6	9.8	20.8	0.0	15.0	0.0	39.0
4685	17645385.61	4846323.69	4.44	0	D	84.6	9.8	24.5	0.0	15.0	0.0	35.3
4686	17645394.03	4846326.37	4.44	0	D	84.6	9.8	25.0	0.0	15.0	0.0	34.8
4688	17645404.75	4846329.79	4.44	0	D	84.6	9.8	23.9	0.0	15.0	0.0	35.9
4689	17645413.66	4846332.63	4.44	0	D	84.6	9.8	26.3	0.0	15.0	0.0	33.6
4691	17645270.53	4846286.81	4.44	0	D	84.6	9.8	12.3	0.0	15.0	0.0	47.5
4697	17645460.88	4846346.69	4.44	0	D	84.6	9.5	29.4	0.0	15.0	0.0	30.6
4698	17645464.56	4846347.77	4.44	0	D	84.6	9.5	31.2	0.0	15.0	0.0	28.9
4699	17645469.25	4846349.14	4.44	0	D	84.6	9.5	28.0	0.0	15.0	0.0	32.1
4700	17645478.99	4846352.00	4.44	0	D	84.6	9.5	25.0	0.0	15.0	0.0	35.0
4701	17645498.56	4846357.73	4.44	0	D	84.6	9.5	22.4	0.0	15.0	0.0	37.6
4702	17645518.33	4846363.52	4.44	0	D	84.6	9.5	25.7	0.0	15.0	0.0	34.4
4703	17645540.50	4846370.01	4.44	0	D	84.6	9.5	22.5	0.0	15.0	0.0	37.6
4704	17645561.59	4846376.19	4.44	0	D	84.6	9.5	27.2	0.0	15.0	0.0	32.9
4705	17645568.80	4846378.30	4.44	0	D	84.6	9.5	32.9	0.0	15.0	0.0	27.2
4707	17645580.78	4846381.81	4.44	0	D	84.6	9.5	25.4	0.0	15.0	0.0	34.7
4714	17645322.75	4846303.65	2.30	0	D	71.5	9.8	16.8	0.0	15.0	0.0	29.8
4715	17645344.49	4846310.58	2.30	0	D	71.5	9.8	23.5	0.0	15.0	0.0	23.2

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4716	17645351.04	4846312.67	2.30	0	D	71.5	9.8	26.5	0.0	15.0	0.0	20.2
4717	17645357.93	4846314.86	2.30	0	D	71.5	9.8	23.5	0.0	15.0	0.0	23.2
4718	17645371.91	4846319.32	2.30	0	D	71.5	9.8	20.8	0.0	15.0	0.0	25.8
4719	17645385.61	4846323.69	2.30	0	D	71.5	9.8	24.5	0.0	15.0	0.0	22.2
4720	17645394.03	4846326.37	2.30	0	D	71.5	9.8	25.0	0.0	15.0	0.0	21.7
4722	17645404.75	4846329.79	2.30	0	D	71.5	9.8	23.9	0.0	15.0	0.0	22.8
4723	17645413.66	4846332.63	2.30	0	D	71.5	9.8	26.3	0.0	15.0	0.0	20.4
4725	17645270.53	4846286.81	2.30	0	D	71.5	9.8	12.3	0.0	15.0	0.0	34.4
4739	17645322.75	4846303.65	2.61	0	D	77.1	9.8	16.8	0.0	15.0	0.0	35.5
4740	17645344.49	4846310.58	2.61	0	D	77.1	9.8	23.5	0.0	15.0	0.0	28.8
4742	17645357.93	4846314.86	2.61	0	D	77.1	9.8	23.5	0.0	15.0	0.0	28.8
4743	17645371.91	4846319.32	2.61	0	D	77.1	9.8	20.8	0.0	15.0	0.0	31.4
4744	17645385.61	4846323.69	2.61	0	D	77.1	9.8	24.5	0.0	15.0	0.0	27.8
4745	17645394.03	4846326.37	2.61	0	D	77.1	9.8	25.0	0.0	15.0	0.0	27.3
4747	17645404.75	4846329.79	2.61	0	D	77.1	9.8	23.9	0.0	15.0	0.0	28.4
4750	17645270.53	4846286.81	2.61	0	D	77.1	9.8	12.3	0.0	15.0	0.0	40.0
4752	17645426.86	4846336.64	4.44	0	D	84.6	9.6	22.6	0.0	15.0	0.0	37.4
4753	17645443.07	4846341.43	4.44	0	D	84.6	9.6	23.8	0.0	15.0	0.0	36.3
4754	17645454.17	4846344.71	4.44	0	D	84.6	9.6	27.0	0.0	15.0	0.0	33.1
4763	17645593.03	4846385.50	4.44	0	D	84.6	10.0	29.9	0.0	15.0	0.0	29.7
4764	17645613.81	4846392.27	4.44	0	D	84.6	10.0	22.6	0.0	15.0	0.0	37.0
4765	17645636.68	4846399.71	4.44	0	D	84.6	10.0	28.3	0.0	15.0	0.0	31.3
4766	17645645.88	4846402.70	4.44	0	D	84.6	10.0	29.4	0.0	15.0	0.0	30.2
4768	17645659.16	4846407.02	4.44	0	D	84.6	10.0	26.9	0.0	15.0	0.0	32.7
4779	17645469.25	4846349.14	2.30	0	D	71.5	9.5	28.0	0.0	15.0	0.0	19.0
4780	17645478.99	4846352.00	2.30	0	D	71.5	9.5	25.0	0.0	15.0	0.0	21.9
4781	17645498.56	4846357.73	2.30	0	D	71.5	9.5	22.4	0.0	15.0	0.0	24.5
4782	17645518.33	4846363.52	2.30	0	D	71.5	9.5	25.7	0.0	15.0	0.0	21.3
4783	17645540.50	4846370.01	2.30	0	D	71.5	9.5	22.5	0.0	15.0	0.0	24.5
4784	17645561.59	4846376.19	2.30	0	D	71.5	9.5	27.2	0.0	15.0	0.0	19.8
4787	17645580.78	4846381.81	2.30	0	D	71.5	9.5	25.4	0.0	15.0	0.0	21.6
4850	17645478.99	4846352.00	2.61	0	D	77.1	9.5	25.0	0.0	15.0	0.0	27.5
4851	17645498.56	4846357.73	2.61	0	D	77.1	9.5	22.4	0.0	15.0	0.0	30.1
4852	17645518.33	4846363.52	2.61	0	D	77.1	9.5	25.7	0.0	15.0	0.0	26.9
4853	17645540.50	4846370.01	2.61	0	D	77.1	9.5	22.5	0.0	15.0	0.0	30.1
4858	17645580.78	4846381.81	2.61	0	D	77.1	9.5	25.4	0.0	15.0	0.0	27.2
4963	17645426.86	4846336.64	2.30	0	D	71.5	9.6	22.6	0.0	15.0	0.0	24.3
4964	17645443.07	4846341.43	2.30	0	D	71.5	9.6	23.8	0.0	15.0	0.0	23.2
4965	17645454.17	4846344.71	2.30	0	D	71.5	9.6	27.0	0.0	15.0	0.0	20.0
4979	17645613.81	4846392.27	2.30	0	D	71.5	10.0	22.6	0.0	15.0	0.0	23.9
4983	17645659.16	4846407.02	2.30	0	D	71.5	10.0	26.9	0.0	15.0	0.0	19.6
5026	17645426.86	4846336.64	2.61	0	D	77.1	9.6	22.6	0.0	15.0	0.0	29.9
5027	17645443.07	4846341.43	2.61	0	D	77.1	9.6	23.8	0.0	15.0	0.0	28.8
5043	17645613.81	4846392.27	2.61	0	D	77.1	10.0	22.6	0.0	15.0	0.0	29.5

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4467	17645042.11	4846216.90	2.30	0	D	71.5	9.8	24.1	0.0	15.0	0.0	22.6
4468	17645038.19	4846215.81	2.30	0	D	71.5	9.8	19.0	0.0	15.0	0.0	27.7
4469	17645034.37	4846214.75	2.30	0	D	71.5	9.8	24.7	0.0	15.0	0.0	22.0
4470	17645005.61	4846206.80	2.30	0	D	71.5	9.8	10.1	0.0	15.0	0.0	36.6
4471	17644972.01	4846197.51	2.30	0	D	71.5	9.8	18.0	0.0	15.0	0.0	28.7
4472	17644957.58	4846193.52	2.30	0	D	71.5	9.8	16.5	0.0	15.0	0.0	30.2
4473	17644947.22	4846190.66	2.30	0	D	71.5	9.8	24.3	0.0	15.0	0.0	22.4
4474	17644938.05	4846188.12	2.30	0	D	71.5	9.8	17.7	0.0	15.0	0.0	29.0
4475	17644928.70	4846185.53	2.30	0	D	71.5	9.8	24.4	0.0	15.0	0.0	22.3
4476	17644922.67	4846183.87	2.30	0	D	71.5	9.8	20.7	0.0	15.0	0.0	26.0
4477	17644904.94	4846178.96	2.30	0	D	71.5	9.8	16.3	0.0	15.0	0.0	30.4
4478	17644863.70	4846167.56	2.30	0	D	71.5	9.8	14.3	0.0	15.0	0.0	32.4
4479	17644789.38	4846147.01	2.30	0	D	71.5	9.8	14.0	0.0	15.0	0.0	32.7
4480	17644734.54	4846131.84	2.30	0	D	71.5	9.8	22.8	0.0	15.0	0.0	23.9
4482	17644694.78	4846120.85	2.30	0	D	71.5	9.8	18.3	0.0	15.0	0.0	28.4

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4497	17645042.11	4846216.90	4.44	0	D	78.6	9.8	24.1	0.0	15.0	0.0	29.8
4498	17645038.19	4846215.81	4.44	0	D	78.6	9.8	19.0	0.0	15.0	0.0	34.8
4499	17645034.37	4846214.75	4.44	0	D	78.6	9.8	24.7	0.0	15.0	0.0	29.1
4500	17645005.61	4846206.80	4.44	0	D	78.6	9.8	10.1	0.0	15.0	0.0	43.8
4501	17644972.01	4846197.51	4.44	0	D	78.6	9.8	18.0	0.0	15.0	0.0	35.9
4502	17644957.58	4846193.52	4.44	0	D	78.6	9.8	16.5	0.0	15.0	0.0	37.3
4503	17644947.22	4846190.66	4.44	0	D	78.6	9.8	24.3	0.0	15.0	0.0	29.5
4504	17644938.05	4846188.12	4.44	0	D	78.6	9.8	17.7	0.0	15.0	0.0	36.1
4505	17644928.70	4846185.53	4.44	0	D	78.6	9.8	24.4	0.0	15.0	0.0	29.4
4506	17644922.67	4846183.87	4.44	0	D	78.6	9.8	20.7	0.0	15.0	0.0	33.1
4507	17644904.94	4846178.96	4.44	0	D	78.6	9.8	16.3	0.0	15.0	0.0	37.6
4508	17644863.70	4846167.56	4.44	0	D	78.6	9.8	14.3	0.0	15.0	0.0	39.5
4509	17644789.38	4846147.01	4.44	0	D	78.6	9.8	14.0	0.0	15.0	0.0	39.8
4510	17644734.54	4846131.84	4.44	0	D	78.6	9.8	22.8	0.0	15.0	0.0	31.1
4512	17644694.78	4846120.85	4.44	0	D	78.6	9.8	18.3	0.0	15.0	0.0	35.5
4532	17645042.11	4846216.90	2.61	0	D	77.1	9.8	24.1	0.0	15.0	0.0	28.2
4533	17645038.19	4846215.81	2.61	0	D	77.1	9.8	19.0	0.0	15.0	0.0	33.3
4534	17645034.37	4846214.75	2.61	0	D	77.1	9.8	24.7	0.0	15.0	0.0	27.6
4535	17645005.61	4846206.80	2.61	0	D	77.1	9.8	10.1	0.0	15.0	0.0	42.2
4536	17644972.01	4846197.51	2.61	0	D	77.1	9.8	18.0	0.0	15.0	0.0	34.3
4537	17644957.58	4846193.52	2.61	0	D	77.1	9.8	16.5	0.0	15.0	0.0	35.8
4538	17644947.22	4846190.66	2.61	0	D	77.1	9.8	24.3	0.0	15.0	0.0	28.0
4539	17644938.05	4846188.12	2.61	0	D	77.1	9.8	17.7	0.0	15.0	0.0	34.6
4540	17644928.70	4846185.53	2.61	0	D	77.1	9.8	24.4	0.0	15.0	0.0	27.9
4541	17644922.67	4846183.87	2.61	0	D	77.1	9.8	20.7	0.0	15.0	0.0	31.6
4542	17644904.94	4846178.96	2.61	0	D	77.1	9.8	16.3	0.0	15.0	0.0	36.0
4543	17644863.70	4846167.56	2.61	0	D	77.1	9.8	14.3	0.0	15.0	0.0	38.0
4544	17644789.38	4846147.01	2.61	0	D	77.1	9.8	14.0	0.0	15.0	0.0	38.3
4545	17644734.54	4846131.84	2.61	0	D	77.1	9.8	22.8	0.0	15.0	0.0	29.5
4547	17644694.78	4846120.85	2.61	0	D	77.1	9.8	18.3	0.0	15.0	0.0	34.0
4810	17644658.71	4846110.48	2.30	0	D	71.5	9.1	25.1	0.0	15.0	0.0	22.3
4811	17644601.51	4846091.84	2.30	0	D	71.5	9.1	18.1	0.0	15.0	0.0	29.2
4812	17644541.84	4846072.38	2.30	0	D	71.5	9.1	25.9	0.0	15.0	0.0	21.4
4831	17644658.71	4846110.48	4.44	0	D	78.6	9.1	25.1	0.0	15.0	0.0	29.4
4832	17644601.51	4846091.84	4.44	0	D	78.6	9.1	18.2	0.0	15.0	0.0	36.3
4833	17644541.84	4846072.38	4.44	0	D	78.6	9.1	25.9	0.0	15.0	0.0	28.6
4876	17644658.71	4846110.48	2.61	0	D	77.1	9.1	25.1	0.0	15.0	0.0	27.9
4877	17644601.51	4846091.84	2.61	0	D	77.1	9.1	18.1	0.0	15.0	0.0	34.8
4878	17644541.84	4846072.38	2.61	0	D	77.1	9.1	25.9	0.0	15.0	0.0	27.1
4975	17644520.16	4846064.54	2.30	0	D	71.5	7.7	27.3	0.0	15.0	0.0	21.6
4977	17644472.11	4846045.54	2.30	0	D	71.5	7.7	23.3	0.0	15.0	0.0	25.5
5005	17644428.60	4846027.64	2.30	0	D	71.5	5.3	31.0	0.0	15.0	0.0	20.2
5006	17644377.35	4846004.05	2.30	0	D	71.5	5.3	26.0	0.0	15.0	0.0	25.2
5007	17644520.16	4846064.54	4.44	0	D	78.6	7.7	27.3	0.0	15.0	0.0	28.7
5009	17644472.11	4846045.54	4.44	0	D	78.6	7.7	23.3	0.0	15.0	0.0	32.6
5018	17644428.60	4846027.64	4.44	0	D	78.6	5.3	31.0	0.0	15.0	0.0	27.3
5019	17644377.35	4846004.05	4.44	0	D	78.6	5.3	26.0	0.0	15.0	0.0	32.4
5037	17644520.16	4846064.54	2.61	0	D	77.1	7.7	27.3	0.0	15.0	0.0	27.2
5039	17644472.11	4846045.54	2.61	0	D	77.1	7.7	23.3	0.0	15.0	0.0	31.1
5059	17644377.35	4846004.05	2.61	0	D	77.1	5.3	26.0	0.0	15.0	0.0	30.8
5065	17644320.51	4845976.40	2.30	0	D	71.5	-3.1	38.7	0.0	15.0	0.0	20.8
5066	17644290.33	4845959.79	2.30	0	D	71.5	-3.1	39.9	0.0	15.0	0.0	19.6
5070	17644320.51	4845976.40	4.44	0	D	78.6	-3.6	39.3	0.0	15.0	0.0	27.9
5071	17644290.33	4845959.79	4.44	0	D	78.6	-3.6	40.5	0.0	15.0	0.0	26.8
5080	17644320.51	4845976.40	2.61	0	D	77.1	-3.2	38.8	0.0	15.0	0.0	26.4

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4513	17644919.19	4846193.85	4.44	0	D	78.6	9.4	17.9	0.0	15.0	0.0	36.4
4514	17644931.63	4846197.46	4.44	0	D	78.6	9.4	20.7	0.0	15.0	0.0	33.5
4515	17644937.27	4846199.09	4.44	0	D	78.6	9.4	24.4	0.0	15.0	0.0	29.9
4516	17644947.47	4846202.05	4.44	0	D	78.6	9.4	16.9	0.0	15.0	0.0	37.4

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4517	17644964.19	4846206.90	4.44	0	D	78.6	9.4	16.5	0.0	15.0	0.0	37.8
4518	17644977.61	4846210.79	4.44	0	D	78.6	9.4	18.0	0.0	15.0	0.0	36.3
4519	17645008.61	4846219.78	4.44	0	D	78.6	9.4	10.1	0.0	15.0	0.0	44.2
4520	17645035.13	4846227.47	4.44	0	D	78.6	9.4	24.7	0.0	15.0	0.0	29.6
4521	17645038.63	4846228.48	4.44	0	D	78.6	9.4	19.0	0.0	15.0	0.0	35.2
4522	17645046.07	4846230.64	4.44	0	D	78.6	9.4	16.6	0.0	15.0	0.0	37.7
4523	17645055.25	4846233.30	4.44	0	D	78.6	9.4	16.6	0.0	15.0	0.0	37.6
4524	17645087.40	4846242.62	4.44	0	D	78.6	9.4	8.6	0.0	15.0	0.0	45.6
4525	17645121.56	4846252.53	4.44	0	D	78.6	9.4	15.3	0.0	15.0	0.0	39.0
4526	17645134.08	4846256.16	4.44	0	D	78.6	9.4	15.9	0.0	15.0	0.0	38.4
4527	17645140.85	4846258.13	4.44	0	D	78.6	9.4	25.2	0.0	15.0	0.0	29.1
4528	17645142.81	4846258.70	4.44	0	D	78.6	9.4	23.1	0.0	15.0	0.0	31.2
4529	17645149.39	4846260.60	4.44	0	D	78.6	9.4	16.8	0.0	15.0	0.0	37.4
4530	17645156.51	4846262.67	4.44	0	D	78.6	9.4	21.9	0.0	15.0	0.0	32.4
4531	17645171.79	4846267.10	4.44	0	D	78.6	9.4	13.5	0.0	15.0	0.0	40.8
4557	17644919.19	4846193.85	2.30	0	D	71.6	9.4	17.9	0.0	15.0	0.0	29.3
4558	17644931.63	4846197.46	2.30	0	D	71.6	9.4	20.7	0.0	15.0	0.0	26.5
4559	17644937.27	4846199.09	2.30	0	D	71.6	9.4	24.4	0.0	15.0	0.0	22.8
4560	17644947.47	4846202.05	2.30	0	D	71.6	9.4	16.9	0.0	15.0	0.0	30.3
4561	17644964.19	4846206.90	2.30	0	D	71.6	9.4	16.5	0.0	15.0	0.0	30.7
4562	17644977.61	4846210.79	2.30	0	D	71.6	9.4	18.0	0.0	15.0	0.0	29.2
4563	17645008.61	4846219.78	2.30	0	D	71.6	9.4	10.1	0.0	15.0	0.0	37.1
4564	17645035.13	4846227.47	2.30	0	D	71.6	9.4	24.7	0.0	15.0	0.0	22.5
4565	17645038.63	4846228.48	2.30	0	D	71.6	9.4	19.0	0.0	15.0	0.0	28.2
4566	17645046.07	4846230.64	2.30	0	D	71.6	9.4	16.6	0.0	15.0	0.0	30.6
4567	17645055.25	4846233.30	2.30	0	D	71.6	9.4	16.6	0.0	15.0	0.0	30.6
4602	17645086.11	4846242.25	2.30	0	D	71.6	9.4	8.8	0.0	15.0	0.0	38.4
4603	17645113.79	4846250.28	2.30	0	D	71.6	9.4	22.2	0.0	15.0	0.0	25.0
4604	17645121.56	4846252.53	2.30	0	D	71.6	9.4	15.3	0.0	15.0	0.0	31.9
4605	17645134.08	4846256.16	2.30	0	D	71.6	9.4	15.9	0.0	15.0	0.0	31.3
4606	17645140.85	4846258.13	2.30	0	D	71.6	9.4	25.2	0.0	15.0	0.0	22.0
4607	17645142.81	4846258.70	2.30	0	D	71.6	9.4	23.1	0.0	15.0	0.0	24.1
4608	17645149.39	4846260.60	2.30	0	D	71.6	9.4	16.8	0.0	15.0	0.0	30.4
4609	17645156.18	4846262.57	2.30	0	D	71.6	9.4	22.8	0.0	15.0	0.0	24.4
4610	17645171.46	4846267.00	2.30	0	D	71.6	9.4	13.4	0.0	15.0	0.0	33.8
4612	17644704.75	4846130.78	4.44	0	D	78.6	9.3	17.5	0.0	15.0	0.0	36.8
4614	17644751.03	4846144.40	4.44	0	D	78.6	9.3	22.8	0.0	15.0	0.0	31.5
4615	17644804.30	4846160.08	4.44	0	D	78.6	9.3	14.0	0.0	15.0	0.0	40.3
4616	17644875.87	4846181.14	4.44	0	D	78.6	9.3	14.3	0.0	15.0	0.0	40.0
4617	17644906.55	4846190.17	4.44	0	D	78.6	9.3	21.4	0.0	15.0	0.0	32.9
4618	17645281.56	4846298.69	4.44	0	D	78.6	9.4	11.8	0.0	15.0	0.0	42.5
4619	17645331.30	4846313.05	4.44	0	D	78.6	9.4	23.5	0.0	15.0	0.0	30.7
4620	17645337.96	4846314.98	4.44	0	D	78.6	9.4	26.5	0.0	15.0	0.0	27.8
4621	17645345.00	4846317.01	4.44	0	D	78.6	9.4	23.5	0.0	15.0	0.0	30.7
4623	17645359.35	4846321.15	4.44	0	D	78.6	9.4	20.8	0.0	15.0	0.0	33.4
4624	17645373.47	4846325.23	4.44	0	D	78.6	9.4	24.5	0.0	15.0	0.0	29.8
4625	17645382.19	4846327.75	4.44	0	D	78.6	9.4	25.0	0.0	15.0	0.0	29.3
4627	17645393.34	4846330.97	4.44	0	D	78.6	9.4	23.9	0.0	15.0	0.0	30.4
4628	17645402.64	4846333.65	4.44	0	D	78.6	9.4	26.3	0.0	15.0	0.0	28.0
4630	17645415.97	4846337.50	4.44	0	D	78.6	9.4	22.6	0.0	15.0	0.0	31.6
4631	17645432.02	4846342.13	4.44	0	D	78.6	9.4	23.8	0.0	15.0	0.0	30.5
4632	17645443.04	4846345.32	4.44	0	D	78.6	9.4	27.0	0.0	15.0	0.0	27.3
4646	17644704.75	4846130.78	2.30	0	D	71.6	9.3	17.5	0.0	15.0	0.0	29.7
4648	17644751.03	4846144.40	2.30	0	D	71.6	9.3	22.8	0.0	15.0	0.0	24.4
4649	17644804.30	4846160.08	2.30	0	D	71.6	9.3	14.0	0.0	15.0	0.0	33.2
4650	17644875.87	4846181.14	2.30	0	D	71.6	9.3	14.3	0.0	15.0	0.0	32.9
4651	17644906.55	4846190.17	2.30	0	D	71.6	9.3	21.4	0.0	15.0	0.0	25.9
4652	17645281.56	4846298.69	2.30	0	D	71.6	9.4	11.8	0.0	15.0	0.0	35.4
4653	17645331.30	4846313.05	2.30	0	D	71.6	9.4	23.5	0.0	15.0	0.0	23.7
4654	17645337.96	4846314.98	2.30	0	D	71.6	9.4	26.5	0.0	15.0	0.0	20.7
4655	17645345.00	4846317.01	2.30	0	D	71.6	9.4	23.5	0.0	15.0	0.0	23.7
4656	17645359.35	4846321.15	2.30	0	D	71.6	9.4	20.8	0.0	15.0	0.0	26.4
4657	17645373.47	4846325.23	2.30	0	D	71.6	9.4	24.5	0.0	15.0	0.0	22.7

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4658	17645382.19	4846327.75	2.30	0	D	71.6	9.4	25.0	0.0	15.0	0.0	22.2
4660	17645393.34	4846330.97	2.30	0	D	71.6	9.4	23.9	0.0	15.0	0.0	23.3
4661	17645402.64	4846333.65	2.30	0	D	71.6	9.4	26.3	0.0	15.0	0.0	20.9
4663	17645415.97	4846337.50	2.30	0	D	71.6	9.4	22.6	0.0	15.0	0.0	24.6
4664	17645432.02	4846342.13	2.30	0	D	71.6	9.4	23.8	0.0	15.0	0.0	23.4
4665	17645443.04	4846345.32	2.30	0	D	71.6	9.4	27.0	0.0	15.0	0.0	20.2
4712	17645204.84	4846276.49	4.44	0	D	78.6	9.4	18.9	0.0	15.0	0.0	35.4
4713	17645223.05	4846281.77	4.44	0	D	78.6	9.4	15.4	0.0	15.0	0.0	38.9
4731	17645204.84	4846276.49	2.30	0	D	71.6	9.4	18.9	0.0	15.0	0.0	28.3
4732	17645223.05	4846281.77	2.30	0	D	71.6	9.4	15.4	0.0	15.0	0.0	31.8
4735	17644535.40	4846077.62	4.44	0	D	78.6	9.0	28.2	0.0	15.0	0.0	26.4
4737	17644561.65	4846086.02	4.44	0	D	78.6	9.0	23.5	0.0	15.0	0.0	31.1
4738	17644621.70	4846105.24	4.44	0	D	78.6	9.0	18.5	0.0	15.0	0.0	36.2
4770	17644535.40	4846077.62	2.30	0	D	71.6	9.0	28.2	0.0	15.0	0.0	19.4
4772	17644561.65	4846086.02	2.30	0	D	71.6	9.0	23.5	0.0	15.0	0.0	24.1
4773	17644621.70	4846105.24	2.30	0	D	71.6	9.0	18.5	0.0	15.0	0.0	29.1
4774	17645192.54	4846273.02	4.44	0	D	78.6	9.3	17.0	0.0	15.0	0.0	37.3
4788	17644919.19	4846193.85	2.61	0	D	71.1	9.4	17.9	0.0	15.0	0.0	28.8
4791	17644947.47	4846202.05	2.61	0	D	71.1	9.4	16.9	0.0	15.0	0.0	29.8
4792	17644964.19	4846206.90	2.61	0	D	71.1	9.4	16.5	0.0	15.0	0.0	30.2
4793	17644977.61	4846210.79	2.61	0	D	71.1	9.4	18.0	0.0	15.0	0.0	28.7
4794	17645008.61	4846219.78	2.61	0	D	71.1	9.4	10.1	0.0	15.0	0.0	36.6
4796	17645038.63	4846228.48	2.61	0	D	71.1	9.4	19.0	0.0	15.0	0.0	27.7
4797	17645046.07	4846230.64	2.61	0	D	71.1	9.4	16.6	0.0	15.0	0.0	30.1
4798	17645055.25	4846233.30	2.61	0	D	71.1	9.4	16.6	0.0	15.0	0.0	30.1
4813	17645087.40	4846242.62	2.61	0	D	71.1	9.4	8.6	0.0	15.0	0.0	38.1
4814	17645121.56	4846252.53	2.61	0	D	71.1	9.4	15.3	0.0	15.0	0.0	31.4
4815	17645134.08	4846256.16	2.61	0	D	71.1	9.4	15.9	0.0	15.0	0.0	30.8
4818	17645149.39	4846260.60	2.61	0	D	71.1	9.4	16.8	0.0	15.0	0.0	29.9
4820	17645171.79	4846267.10	2.61	0	D	71.1	9.4	13.5	0.0	15.0	0.0	33.2
4821	17645192.54	4846273.02	2.30	0	D	71.6	9.3	17.0	0.0	15.0	0.0	30.3
4842	17645547.24	4846375.94	4.44	0	D	78.6	9.5	27.2	0.0	15.0	0.0	26.9
4845	17645568.69	4846382.37	4.44	0	D	78.6	9.5	24.1	0.0	15.0	0.0	30.1
4846	17645595.58	4846390.43	4.44	0	D	78.6	9.5	23.5	0.0	15.0	0.0	30.6
4863	17645467.22	4846352.40	4.44	0	D	78.6	9.5	25.0	0.0	15.0	0.0	29.1
4864	17645485.86	4846357.98	4.44	0	D	78.6	9.5	22.4	0.0	15.0	0.0	31.7
4865	17645503.42	4846363.25	4.44	0	D	78.6	9.5	26.6	0.0	15.0	0.0	27.6
4870	17644454.20	4846045.15	4.44	0	D	78.6	7.0	27.0	0.0	15.0	0.0	29.6
4871	17644500.11	4846063.82	4.44	0	D	78.6	7.0	24.1	0.0	15.0	0.0	32.6
4880	17644704.75	4846130.78	2.61	0	D	71.1	9.3	17.5	0.0	15.0	0.0	29.3
4883	17644804.30	4846160.08	2.61	0	D	71.1	9.3	14.0	0.0	15.0	0.0	32.7
4884	17644875.87	4846181.14	2.61	0	D	71.1	9.3	14.3	0.0	15.0	0.0	32.4
4886	17645281.56	4846298.69	2.61	0	D	71.1	9.4	11.8	0.0	15.0	0.0	34.9
4916	17645547.24	4846375.94	2.30	0	D	71.6	9.5	27.2	0.0	15.0	0.0	19.9
4919	17645568.69	4846382.37	2.30	0	D	71.6	9.5	24.1	0.0	15.0	0.0	23.0
4920	17645595.58	4846390.43	2.30	0	D	71.6	9.5	23.5	0.0	15.0	0.0	23.5
4925	17644386.14	4846013.66	4.44	0	D	78.6	3.4	26.6	0.0	15.0	0.0	33.6
4927	17645467.22	4846352.40	2.30	0	D	71.6	9.5	25.0	0.0	15.0	0.0	22.0
4928	17645485.86	4846357.98	2.30	0	D	71.6	9.5	22.4	0.0	15.0	0.0	24.6
4929	17645503.42	4846363.25	2.30	0	D	71.6	9.5	26.6	0.0	15.0	0.0	20.5
4943	17644454.20	4846045.15	2.30	0	D	71.6	7.0	27.0	0.0	15.0	0.0	22.5
4944	17644500.11	4846063.82	2.30	0	D	71.6	7.0	24.1	0.0	15.0	0.0	25.5
4967	17644386.14	4846013.66	2.30	0	D	71.6	3.4	26.6	0.0	15.0	0.0	26.5
4989	17645647.29	4846406.25	4.44	0	D	78.6	9.6	26.9	0.0	15.0	0.0	27.1
5002	17644156.03	4845882.59	4.44	0	D	78.6	6.8	26.4	0.0	15.0	0.0	30.4
5011	17645523.64	4846369.06	4.44	0	D	78.6	9.3	23.4	0.0	15.0	0.0	31.0
5021	17645623.77	4846399.00	2.30	0	D	71.6	9.7	28.3	0.0	15.0	0.0	18.6
5024	17645647.29	4846406.25	2.30	0	D	71.6	9.7	26.9	0.0	15.0	0.0	20.1
5041	17644156.03	4845882.59	2.30	0	D	71.6	6.8	26.4	0.0	15.0	0.0	23.4
5049	17644304.73	4845972.37	4.44	0	D	78.6	-1.5	34.7	0.0	15.0	0.0	30.4
5053	17645523.64	4846369.06	2.30	0	D	71.6	9.3	23.4	0.0	15.0	0.0	23.9
5061	17644304.73	4845972.37	2.30	0	D	71.6	-1.3	34.5	0.0	15.0	0.0	23.4
5067	17644253.44	4845943.38	4.44	0	D	78.6	3.5	31.9	0.0	15.0	0.0	28.3

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
5068	17645204.84	4846276.49	2.61	0	D	71.1	9.4	18.9	0.0	15.0	0.0	27.8
5069	17645223.05	4846281.77	2.61	0	D	71.1	9.4	15.4	0.0	15.0	0.0	31.3
5072	17644253.44	4845943.38	2.30	0	D	71.6	3.5	31.8	0.0	15.0	0.0	21.2
5073	17644215.37	4845920.45	4.44	0	D	78.6	5.9	30.7	0.0	15.0	0.0	27.1
5086	17644215.37	4845920.45	2.30	0	D	71.6	5.9	30.7	0.0	15.0	0.0	20.0
5090	17644621.70	4846105.24	2.61	0	D	71.1	9.0	18.5	0.0	15.0	0.0	28.6
5099	17644067.12	4845825.49	2.30	0	D	71.6	6.3	31.5	0.0	15.0	0.0	18.7
5101	17645192.54	4846273.02	2.61	0	D	71.1	9.3	17.0	0.0	15.0	0.0	29.8

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4548	17645086.64	4846248.16	2.30	0	D	71.5	9.2	8.8	0.0	15.0	0.0	38.5
4549	17645118.16	4846257.51	2.30	0	D	71.5	9.2	15.3	0.0	15.0	0.0	32.0
4550	17645130.08	4846261.05	2.30	0	D	71.5	9.2	15.9	0.0	15.0	0.0	31.4
4551	17645136.52	4846262.96	2.30	0	D	71.5	9.2	25.2	0.0	15.0	0.0	22.1
4552	17645138.39	4846263.51	2.30	0	D	71.5	9.2	23.1	0.0	15.0	0.0	24.2
4553	17645144.64	4846265.37	2.30	0	D	71.5	9.2	16.8	0.0	15.0	0.0	30.5
4554	17645151.41	4846267.38	2.30	0	D	71.5	9.2	21.9	0.0	15.0	0.0	25.4
4555	17645177.43	4846275.10	2.30	0	D	71.5	9.2	11.1	0.0	15.0	0.0	36.2
4556	17645218.19	4846287.19	2.30	0	D	71.5	9.2	14.3	0.0	15.0	0.0	33.0
4593	17645086.64	4846248.16	4.44	0	D	78.6	9.2	8.8	0.0	15.0	0.0	45.6
4594	17645118.16	4846257.51	4.44	0	D	78.6	9.2	15.3	0.0	15.0	0.0	39.1
4595	17645130.08	4846261.05	4.44	0	D	78.6	9.2	15.9	0.0	15.0	0.0	38.5
4596	17645136.52	4846262.96	4.44	0	D	78.6	9.2	25.2	0.0	15.0	0.0	29.2
4597	17645138.39	4846263.51	4.44	0	D	78.6	9.2	23.1	0.0	15.0	0.0	31.3
4598	17645144.64	4846265.37	4.44	0	D	78.6	9.2	16.8	0.0	15.0	0.0	37.6
4599	17645151.41	4846267.38	4.44	0	D	78.6	9.2	21.9	0.0	15.0	0.0	32.6
4600	17645177.43	4846275.10	4.44	0	D	78.6	9.2	11.1	0.0	15.0	0.0	43.3
4601	17645218.19	4846287.19	4.44	0	D	78.6	9.2	14.3	0.0	15.0	0.0	40.2
4636	17645086.64	4846248.16	2.61	0	D	77.1	9.2	8.8	0.0	15.0	0.0	44.1
4637	17645118.16	4846257.51	2.61	0	D	77.1	9.2	15.3	0.0	15.0	0.0	37.6
4638	17645130.08	4846261.05	2.61	0	D	77.1	9.2	15.9	0.0	15.0	0.0	37.0
4639	17645136.52	4846262.96	2.61	0	D	77.1	9.2	25.2	0.0	15.0	0.0	27.7
4640	17645138.39	4846263.51	2.61	0	D	77.1	9.2	23.1	0.0	15.0	0.0	29.8
4641	17645144.64	4846265.37	2.61	0	D	77.1	9.2	16.8	0.0	15.0	0.0	36.1
4642	17645151.41	4846267.38	2.61	0	D	77.1	9.2	21.9	0.0	15.0	0.0	31.0
4643	17645177.43	4846275.10	2.61	0	D	77.1	9.2	11.1	0.0	15.0	0.0	41.8
4644	17645218.19	4846287.19	2.61	0	D	77.1	9.2	14.3	0.0	15.0	0.0	38.6
4733	17645263.45	4846300.11	2.30	0	D	71.5	9.1	13.5	0.0	15.0	0.0	33.9
4734	17645263.45	4846300.11	4.44	0	D	78.6	9.1	13.5	0.0	15.0	0.0	41.0
4751	17645263.45	4846300.11	2.61	0	D	77.1	9.1	13.5	0.0	15.0	0.0	39.5
4799	17645326.81	4846317.10	2.30	0	D	71.5	9.3	27.3	0.0	15.0	0.0	20.0
4800	17645333.13	4846318.97	2.30	0	D	71.5	9.3	23.5	0.0	15.0	0.0	23.7
4801	17645346.69	4846322.99	2.30	0	D	71.5	9.3	20.8	0.0	15.0	0.0	26.4
4802	17645360.01	4846326.93	2.30	0	D	71.5	9.3	24.5	0.0	15.0	0.0	22.7
4803	17645368.23	4846329.36	2.30	0	D	71.5	9.3	25.0	0.0	15.0	0.0	22.2
4805	17645377.96	4846332.24	2.30	0	D	71.5	9.3	24.5	0.0	15.0	0.0	22.7
4822	17645326.81	4846317.10	4.44	0	D	78.6	9.3	27.3	0.0	15.0	0.0	27.1
4823	17645333.13	4846318.97	4.44	0	D	78.6	9.3	23.5	0.0	15.0	0.0	30.8
4824	17645346.69	4846322.99	4.44	0	D	78.6	9.3	20.8	0.0	15.0	0.0	33.5
4825	17645360.01	4846326.93	4.44	0	D	78.6	9.3	24.5	0.0	15.0	0.0	29.9
4826	17645368.23	4846329.36	4.44	0	D	78.6	9.3	25.0	0.0	15.0	0.0	29.4
4828	17645377.96	4846332.24	4.44	0	D	78.6	9.3	24.5	0.0	15.0	0.0	29.8
4835	17645333.13	4846318.97	2.61	0	D	77.1	9.3	23.5	0.0	15.0	0.0	29.3
4836	17645346.69	4846322.99	2.61	0	D	77.1	9.3	20.8	0.0	15.0	0.0	32.0
4837	17645360.01	4846326.93	2.61	0	D	77.1	9.3	24.5	0.0	15.0	0.0	28.3
4838	17645368.23	4846329.36	2.61	0	D	77.1	9.3	25.0	0.0	15.0	0.0	27.8
4840	17645377.96	4846332.24	2.61	0	D	77.1	9.3	24.5	0.0	15.0	0.0	28.3
4859	17645303.76	4846311.11	2.30	0	D	71.5	8.9	19.0	0.0	15.0	0.0	28.6
4860	17645319.75	4846315.22	2.30	0	D	71.5	8.9	23.5	0.0	15.0	0.0	24.0
4866	17645469.74	4846358.29	2.30	0	D	71.5	9.1	22.4	0.0	15.0	0.0	25.0
4867	17645489.00	4846363.73	2.30	0	D	71.5	9.1	25.7	0.0	15.0	0.0	21.7

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4868	17645510.60	4846369.84	2.30	0	D	71.5	9.1	22.5	0.0	15.0	0.0	24.9
4869	17645530.44	4846375.44	2.30	0	D	71.5	9.1	27.8	0.0	15.0	0.0	19.6
4903	17645303.76	4846311.11	4.44	0	D	78.6	8.9	19.0	0.0	15.0	0.0	35.7
4904	17645319.75	4846315.22	4.44	0	D	78.6	8.9	23.5	0.0	15.0	0.0	31.2
4909	17645552.70	4846381.90	2.30	0	D	71.5	9.3	24.1	0.0	15.0	0.0	23.2
4910	17645583.69	4846390.95	2.30	0	D	71.5	9.3	22.6	0.0	15.0	0.0	24.7
4911	17645608.32	4846398.14	2.30	0	D	71.5	9.3	28.3	0.0	15.0	0.0	19.0
4921	17645469.74	4846358.29	4.44	0	D	78.6	9.1	22.4	0.0	15.0	0.0	32.1
4922	17645489.00	4846363.73	4.44	0	D	78.6	9.1	25.7	0.0	15.0	0.0	28.8
4923	17645510.60	4846369.84	4.44	0	D	78.6	9.1	22.5	0.0	15.0	0.0	32.0
4924	17645530.44	4846375.44	4.44	0	D	78.6	9.1	27.8	0.0	15.0	0.0	26.7
4930	17645303.76	4846311.11	2.61	0	D	77.1	8.9	19.0	0.0	15.0	0.0	34.2
4931	17645319.75	4846315.22	2.61	0	D	77.1	8.9	23.5	0.0	15.0	0.0	29.6
4937	17645552.70	4846381.90	4.44	0	D	78.6	9.3	24.1	0.0	15.0	0.0	30.3
4938	17645583.69	4846390.95	4.44	0	D	78.6	9.3	22.6	0.0	15.0	0.0	31.8
4945	17645469.74	4846358.29	2.61	0	D	77.1	9.1	22.4	0.0	15.0	0.0	30.6
4946	17645489.00	4846363.73	2.61	0	D	77.1	9.1	25.7	0.0	15.0	0.0	27.3
4947	17645510.60	4846369.84	2.61	0	D	77.1	9.1	22.5	0.0	15.0	0.0	30.5
4950	17645387.48	4846335.06	2.30	0	D	71.5	9.3	26.3	0.0	15.0	0.0	21.0
4952	17645400.00	4846338.76	2.30	0	D	71.5	9.3	22.6	0.0	15.0	0.0	24.6
4953	17645414.65	4846343.09	2.30	0	D	71.5	9.3	24.0	0.0	15.0	0.0	23.2
4957	17645552.70	4846381.90	2.61	0	D	77.1	9.3	24.1	0.0	15.0	0.0	28.8
4958	17645583.69	4846390.95	2.61	0	D	77.1	9.3	22.6	0.0	15.0	0.0	30.3
4969	17645387.48	4846335.06	4.44	0	D	78.6	9.2	26.3	0.0	15.0	0.0	28.1
4971	17645400.00	4846338.76	4.44	0	D	78.6	9.2	22.6	0.0	15.0	0.0	31.7
4972	17645414.65	4846343.09	4.44	0	D	78.6	9.2	24.0	0.0	15.0	0.0	30.3
4991	17645425.29	4846346.13	2.30	0	D	71.5	8.9	26.4	0.0	15.0	0.0	21.1
4992	17645432.08	4846347.96	2.30	0	D	71.5	8.9	28.7	0.0	15.0	0.0	18.8
4994	17645440.85	4846350.33	2.30	0	D	71.5	8.9	28.0	0.0	15.0	0.0	19.6
4995	17645450.54	4846352.94	2.30	0	D	71.5	8.9	25.1	0.0	15.0	0.0	22.4
4997	17645387.48	4846335.06	2.61	0	D	77.1	9.3	26.3	0.0	15.0	0.0	26.6
4999	17645400.00	4846338.76	2.61	0	D	77.1	9.3	22.6	0.0	15.0	0.0	30.2
5000	17645414.65	4846343.09	2.61	0	D	77.1	9.3	24.0	0.0	15.0	0.0	28.8
5012	17645425.29	4846346.13	4.44	0	D	78.6	8.9	26.4	0.0	15.0	0.0	28.2
5015	17645440.85	4846350.33	4.44	0	D	78.6	8.9	28.0	0.0	15.0	0.0	26.7
5016	17645450.54	4846352.94	4.44	0	D	78.6	8.9	25.1	0.0	15.0	0.0	29.5
5030	17645425.29	4846346.13	2.61	0	D	77.1	8.9	26.4	0.0	15.0	0.0	26.7
5034	17645450.54	4846352.94	2.61	0	D	77.1	8.9	25.1	0.0	15.0	0.0	28.0
5078	17645647.38	4846409.63	2.30	0	D	71.5	9.4	28.3	0.0	15.0	0.0	18.8

Receiver
Name: RP05
ID: RP05
X: 17645005.05 m
Y: 4846302.75 m
Z: 6.30 m

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
16	17644885.30	4846187.23	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	55.4	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.9

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
42	17644889.29	4846172.32	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	55.8	0.3	-3.0	0.0	0.0	0.0	0.0	0.0	26.5

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
47	17645195.74	4846281.37	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	56.7	0.4	-3.0	0.0	0.0	13.9	0.0	0.0	11.8

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
52	17645199.16	4846264.09	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	56.9	0.4	-3.0	0.0	0.0	8.9	0.0	0.0	16.4

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3456	17645045.48	4846236.01	4.44	0	D	84.6	6.9	9.1	0.0	0.0	0.0	68.6
3457	17645015.09	4846227.01	4.44	0	D	84.6	6.9	8.9	0.0	0.0	0.0	68.8
3458	17644984.69	4846218.01	4.44	0	D	84.6	6.9	10.0	0.0	0.0	0.0	67.7
3459	17644954.29	4846209.02	4.44	0	D	84.6	6.9	11.7	0.0	0.0	0.0	65.9
3460	17644932.36	4846202.52	4.44	0	D	84.6	6.9	16.6	0.0	0.0	0.0	61.1
3461	17644905.31	4846194.52	4.44	0	D	84.6	6.9	13.2	0.0	0.0	0.0	64.4
3462	17644880.86	4846187.28	4.44	0	D	84.6	6.9	21.4	0.0	15.0	0.0	41.2
3463	17644841.61	4846175.66	4.44	0	D	84.6	6.9	13.8	0.0	15.0	0.0	48.9
3471	17645047.38	4846236.57	2.30	0	D	71.5	7.0	9.7	0.0	1.0	0.0	53.8
3472	17645022.21	4846229.12	2.30	0	D	71.5	7.0	9.9	0.0	1.3	0.0	53.4
3473	17644998.46	4846222.09	2.30	0	D	71.5	7.0	10.4	0.0	1.5	0.0	52.6
3474	17644962.84	4846211.55	2.30	0	D	71.5	7.0	9.2	0.0	1.9	0.0	53.4
3475	17644932.36	4846202.52	2.30	0	D	71.5	7.0	16.6	0.0	0.0	0.0	48.0
3476	17644905.31	4846194.52	2.30	0	D	71.5	7.0	13.2	0.0	0.0	0.0	51.3
3477	17644880.86	4846187.28	2.30	0	D	71.5	7.0	21.4	0.0	15.0	0.0	28.1
3478	17644841.61	4846175.66	2.30	0	D	71.5	7.0	13.7	0.0	15.0	0.0	35.8
3503	17645046.07	4846236.18	2.61	0	D	77.1	7.0	9.3	0.0	0.0	0.0	60.9
3504	17645016.84	4846227.53	2.61	0	D	77.1	7.0	9.0	0.0	0.0	0.0	61.1
3505	17644987.61	4846218.88	2.61	0	D	77.1	7.0	10.0	0.0	0.0	0.0	60.1
3506	17644958.38	4846210.23	2.61	0	D	77.1	7.0	11.6	0.0	0.0	0.0	58.5
3507	17644941.43	4846205.21	2.61	0	D	77.1	7.0	20.6	0.0	0.0	0.0	49.5
3508	17644932.36	4846202.52	2.61	0	D	77.1	7.0	16.6	0.0	0.0	0.0	53.6
3509	17644905.31	4846194.52	2.61	0	D	77.1	7.0	13.2	0.0	0.0	0.0	56.9
3510	17644880.86	4846187.28	2.61	0	D	77.1	7.0	21.4	0.0	15.0	0.0	33.7
3511	17644841.61	4846175.66	2.61	0	D	77.1	7.0	13.7	0.0	15.0	0.0	41.4
3583	17644789.75	4846160.39	4.44	0	D	84.6	7.0	18.9	0.0	15.0	0.0	43.7
3584	17644718.91	4846139.75	4.44	0	D	84.6	7.0	15.8	0.0	15.0	0.0	46.8
3592	17644653.96	4846120.49	4.44	0	D	84.6	6.4	25.2	0.0	15.0	0.0	38.1
3593	17644610.44	4846106.47	4.44	0	D	84.6	6.4	21.3	0.0	15.0	0.0	42.0
3594	17644559.01	4846089.89	4.44	0	D	84.6	6.4	24.7	0.0	15.0	0.0	38.5
3595	17644534.04	4846081.85	4.44	0	D	84.6	6.4	29.9	0.0	15.0	0.0	33.3
3596	17644789.75	4846160.39	2.30	0	D	71.5	7.0	18.9	0.0	15.0	0.0	30.5
3597	17644718.91	4846139.75	2.30	0	D	71.5	7.0	15.8	0.0	15.0	0.0	33.6

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3610	17644789.75	4846160.39	2.61	0	D	77.1	7.0	18.9	0.0	15.0	0.0	36.1
3611	17644718.91	4846139.75	2.61	0	D	77.1	7.0	15.8	0.0	15.0	0.0	39.2
3626	17644495.35	4846066.69	4.44	0	D	84.6	2.6	27.1	0.0	15.0	0.0	39.9
3627	17644449.22	4846048.00	4.44	0	D	84.6	2.6	31.6	0.0	15.0	0.0	35.4
3637	17644653.96	4846120.49	2.30	0	D	71.5	6.4	25.2	0.0	15.0	0.0	25.0
3638	17644610.44	4846106.47	2.30	0	D	71.5	6.4	21.3	0.0	15.0	0.0	28.8
3639	17644559.01	4846089.89	2.30	0	D	71.5	6.4	24.7	0.0	15.0	0.0	25.4
3640	17644534.04	4846081.85	2.30	0	D	71.5	6.4	29.9	0.0	15.0	0.0	20.2
3641	17644393.31	4846022.30	4.44	0	D	84.6	-1.6	31.5	0.0	15.0	0.0	39.6
3642	17644342.13	4845997.87	4.44	0	D	84.6	-1.6	39.0	0.0	15.0	0.0	32.2
3660	17644189.44	4845909.13	4.44	0	D	84.6	8.6	31.3	0.0	15.0	0.0	29.6
3661	17644120.63	4845864.71	4.44	0	D	84.6	8.6	22.7	0.0	15.0	0.0	38.3
3668	17644653.96	4846120.49	2.61	0	D	77.1	6.4	25.2	0.0	15.0	0.0	30.6
3669	17644610.44	4846106.47	2.61	0	D	77.1	6.4	21.3	0.0	15.0	0.0	34.5
3670	17644559.01	4846089.89	2.61	0	D	77.1	6.4	24.7	0.0	15.0	0.0	31.0
3693	17644302.65	4845976.62	4.44	0	D	84.6	5.7	26.8	0.0	15.0	0.0	37.1
3714	17644495.35	4846066.69	2.30	0	D	71.5	2.6	27.1	0.0	15.0	0.0	26.8
3715	17644449.22	4846048.00	2.30	0	D	71.5	2.6	31.6	0.0	15.0	0.0	22.3
3749	17644393.31	4846022.30	2.30	0	D	71.5	-1.4	31.3	0.0	15.0	0.0	26.5
3750	17644342.13	4845997.87	2.30	0	D	71.5	-1.4	38.8	0.0	15.0	0.0	19.0
3760	17644263.37	4845954.48	4.44	0	D	84.6	7.0	31.3	0.0	15.0	0.0	31.3
3761	17644242.60	4845942.23	4.44	0	D	84.6	7.0	30.2	0.0	15.0	0.0	32.4
3767	17644495.35	4846066.69	2.61	0	D	77.1	2.6	27.1	0.0	15.0	0.0	32.4
3768	17644449.22	4846048.00	2.61	0	D	77.1	2.6	31.6	0.0	15.0	0.0	27.9
3784	17644120.63	4845864.71	2.30	0	D	71.5	8.7	22.7	0.0	15.0	0.0	25.1
3785	17644393.31	4846022.30	2.61	0	D	77.1	-1.4	31.4	0.0	15.0	0.0	32.1
3790	17644213.57	4845924.43	4.44	0	D	84.6	8.2	27.7	0.0	15.0	0.0	33.6
3796	17644035.27	4845810.38	4.44	0	D	84.6	7.6	28.9	0.0	15.0	0.0	33.2
3809	17644120.63	4845864.71	2.61	0	D	77.1	8.7	22.7	0.0	15.0	0.0	30.8
3810	17644302.65	4845976.62	2.30	0	D	71.5	5.7	26.8	0.0	15.0	0.0	24.0
3817	17644302.65	4845976.62	2.61	0	D	77.1	5.7	26.8	0.0	15.0	0.0	29.6
3824	17644242.60	4845942.23	2.30	0	D	71.5	7.0	30.2	0.0	15.0	0.0	19.3
3830	17644213.57	4845924.43	2.30	0	D	71.5	8.2	27.7	0.0	15.0	0.0	20.5
3833	17644035.27	4845810.38	2.30	0	D	71.5	7.6	28.9	0.0	15.0	0.0	20.1
3839	17644213.57	4845924.43	2.61	0	D	77.1	8.2	27.7	0.0	15.0	0.0	26.1

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3464	17645059.20	4846222.19	4.44	0	D	84.6	7.8	9.8	0.0	0.0	0.0	66.9
3465	17645096.46	4846233.45	4.44	0	D	84.6	7.8	10.0	0.0	0.0	0.0	66.8
3466	17645139.01	4846246.30	4.44	0	D	84.6	7.8	12.0	0.0	0.0	0.0	64.7
3467	17645165.62	4846254.34	4.44	0	D	84.6	7.8	19.3	0.0	0.0	0.0	57.4
3468	17645184.60	4846260.08	4.44	0	D	84.6	7.8	16.0	0.0	15.0	0.0	45.7
3469	17645200.53	4846264.89	4.44	0	D	84.6	7.8	24.5	0.0	15.0	0.0	37.2
3470	17645219.28	4846270.55	4.44	0	D	84.6	7.8	16.6	0.0	15.0	0.0	45.1
3541	17645059.20	4846222.19	2.30	0	D	71.5	7.8	9.8	0.0	2.2	0.0	51.6
3542	17645096.46	4846233.45	2.30	0	D	71.5	7.8	10.0	0.0	2.5	0.0	51.2
3543	17645139.01	4846246.30	2.30	0	D	71.5	7.8	12.0	0.0	2.8	0.0	48.8
3544	17645165.62	4846254.34	2.30	0	D	71.5	7.8	19.3	0.0	0.0	0.0	44.3
3545	17645184.60	4846260.08	2.30	0	D	71.5	7.8	16.0	0.0	15.0	0.0	32.6
3546	17645200.53	4846264.89	2.30	0	D	71.5	7.8	24.5	0.0	15.0	0.0	24.1
3547	17645219.28	4846270.55	2.30	0	D	71.5	7.8	16.6	0.0	15.0	0.0	32.0
3575	17645059.20	4846222.19	2.61	0	D	77.1	7.8	9.8	0.0	0.0	0.0	59.4
3576	17645095.05	4846233.02	2.61	0	D	77.1	7.8	10.2	0.0	0.1	0.0	58.9
3577	17645134.79	4846245.03	2.61	0	D	77.1	7.8	12.1	0.0	0.1	0.0	57.0
3578	17645157.48	4846251.88	2.61	0	D	77.1	7.8	21.7	0.0	0.0	0.0	47.5
3579	17645165.62	4846254.34	2.61	0	D	77.1	7.8	19.3	0.0	0.0	0.0	49.9
3580	17645184.60	4846260.08	2.61	0	D	77.1	7.8	16.0	0.0	15.0	0.0	38.2
3581	17645200.53	4846264.89	2.61	0	D	77.1	7.8	24.5	0.0	15.0	0.0	29.7
3582	17645219.28	4846270.55	2.61	0	D	77.1	7.8	16.6	0.0	15.0	0.0	37.6
3589	17645270.53	4846286.81	4.44	0	D	84.6	8.0	14.9	0.0	15.0	0.0	46.7
3590	17645319.45	4846302.59	4.44	0	D	84.6	8.0	20.4	0.0	15.0	0.0	41.2

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3591	17645375.81	4846320.56	4.44	0	D	84.6	8.0	17.0	0.0	15.0	0.0	44.6
3598	17645477.44	4846351.54	4.44	0	D	84.6	7.5	23.2	0.0	15.0	0.0	38.9
3599	17645503.77	4846359.25	4.44	0	D	84.6	7.5	27.7	0.0	15.0	0.0	34.4
3600	17645520.95	4846364.29	4.44	0	D	84.6	7.5	26.9	0.0	15.0	0.0	35.2
3601	17645541.85	4846370.41	4.44	0	D	84.6	7.5	26.6	0.0	15.0	0.0	35.5
3602	17645559.36	4846375.54	4.44	0	D	84.6	7.5	29.4	0.0	15.0	0.0	32.7
3603	17645577.78	4846380.94	4.44	0	D	84.6	7.5	26.8	0.0	15.0	0.0	35.3
3622	17645270.53	4846286.81	2.30	0	D	71.5	8.0	14.9	0.0	15.0	0.0	33.5
3623	17645319.45	4846302.59	2.30	0	D	71.5	8.0	20.4	0.0	15.0	0.0	28.1
3624	17645375.81	4846320.56	2.30	0	D	71.5	8.0	17.0	0.0	15.0	0.0	31.5
3647	17645270.53	4846286.81	2.61	0	D	77.1	8.0	14.9	0.0	15.0	0.0	39.2
3648	17645319.45	4846302.59	2.61	0	D	77.1	8.0	20.4	0.0	15.0	0.0	33.7
3649	17645375.81	4846320.56	2.61	0	D	77.1	8.0	17.0	0.0	15.0	0.0	37.1
3652	17645438.36	4846340.04	4.44	0	D	84.6	7.6	22.1	0.0	15.0	0.0	40.0
3653	17645592.95	4846385.48	4.44	0	D	84.6	8.3	32.3	0.0	15.0	0.0	29.0
3654	17645598.97	4846387.44	4.44	0	D	84.6	8.3	32.3	0.0	15.0	0.0	29.0
3655	17645630.77	4846397.78	4.44	0	D	84.6	8.3	23.0	0.0	15.0	0.0	38.3
3656	17645664.27	4846408.69	4.44	0	D	84.6	8.3	31.3	0.0	15.0	0.0	30.0
3662	17645477.44	4846351.54	2.30	0	D	71.5	7.5	23.2	0.0	15.0	0.0	25.7
3663	17645503.77	4846359.25	2.30	0	D	71.5	7.5	27.7	0.0	15.0	0.0	21.3
3664	17645520.95	4846364.29	2.30	0	D	71.5	7.5	26.9	0.0	15.0	0.0	22.0
3665	17645541.85	4846370.41	2.30	0	D	71.5	7.5	26.6	0.0	15.0	0.0	22.4
3666	17645559.36	4846375.54	2.30	0	D	71.5	7.5	29.4	0.0	15.0	0.0	19.5
3667	17645577.78	4846380.94	2.30	0	D	71.5	7.5	26.8	0.0	15.0	0.0	22.1
3687	17645477.44	4846351.54	2.61	0	D	77.1	7.5	23.2	0.0	15.0	0.0	31.3
3688	17645503.77	4846359.25	2.61	0	D	77.1	7.5	27.7	0.0	15.0	0.0	26.9
3689	17645520.95	4846364.29	2.61	0	D	77.1	7.5	26.9	0.0	15.0	0.0	27.7
3690	17645541.85	4846370.41	2.61	0	D	77.1	7.5	26.6	0.0	15.0	0.0	28.0
3692	17645577.78	4846380.94	2.61	0	D	77.1	7.5	26.8	0.0	15.0	0.0	27.8
3759	17645438.36	4846340.04	2.30	0	D	71.5	7.6	22.1	0.0	15.0	0.0	26.9
3765	17645630.77	4846397.78	2.30	0	D	71.5	8.3	23.0	0.0	15.0	0.0	25.1
3797	17645438.36	4846340.04	2.61	0	D	77.1	7.6	22.1	0.0	15.0	0.0	32.5
3804	17645630.77	4846397.78	2.61	0	D	77.1	8.3	23.0	0.0	15.0	0.0	30.7

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3479	17645030.89	4846213.79	2.30	0	D	71.5	7.8	10.7	0.0	2.2	0.0	50.8
3480	17645006.61	4846207.08	2.30	0	D	71.5	7.8	10.9	0.0	2.6	0.0	50.1
3481	17644970.19	4846197.01	2.30	0	D	71.5	7.8	9.2	0.0	3.4	0.0	51.1
3482	17644935.86	4846187.51	2.30	0	D	71.5	7.8	14.7	0.0	0.0	0.0	49.0
3483	17644917.88	4846182.54	2.30	0	D	71.5	7.8	16.6	0.0	0.0	0.0	47.1
3484	17644886.32	4846173.81	2.30	0	D	71.5	7.8	13.2	0.0	0.0	0.0	50.4
3485	17644857.95	4846165.97	2.30	0	D	71.5	7.8	21.4	0.0	15.0	0.0	27.2
3486	17644794.93	4846148.54	2.30	0	D	71.5	7.8	12.6	0.0	15.0	0.0	36.0
3487	17644701.65	4846122.75	2.30	0	D	71.5	7.8	17.6	0.0	15.0	0.0	31.0
3494	17645030.89	4846213.79	4.44	0	D	78.6	7.8	10.7	0.0	0.0	0.0	60.1
3495	17645006.61	4846207.08	4.44	0	D	78.6	7.8	10.9	0.0	0.0	0.0	59.8
3496	17644970.19	4846197.01	4.44	0	D	78.6	7.8	9.2	0.0	0.0	0.0	61.6
3497	17644935.86	4846187.51	4.44	0	D	78.6	7.8	14.7	0.0	0.0	0.0	56.1
3498	17644917.88	4846182.54	4.44	0	D	78.6	7.8	16.6	0.0	0.0	0.0	54.2
3499	17644886.32	4846173.81	4.44	0	D	78.6	7.8	13.2	0.0	0.0	0.0	57.5
3500	17644857.95	4846165.97	4.44	0	D	78.6	7.8	21.4	0.0	15.0	0.0	34.3
3501	17644794.93	4846148.54	4.44	0	D	78.6	7.8	12.6	0.0	15.0	0.0	43.2
3502	17644701.65	4846122.75	4.44	0	D	78.6	7.8	17.6	0.0	15.0	0.0	38.2
3512	17645031.11	4846213.85	2.61	0	D	77.1	7.8	10.7	0.0	0.0	0.0	58.5
3513	17645007.25	4846207.25	2.61	0	D	77.1	7.8	11.0	0.0	0.1	0.0	58.2
3514	17644971.47	4846197.36	2.61	0	D	77.1	7.8	9.2	0.0	0.2	0.0	59.8
3515	17644946.76	4846190.53	2.61	0	D	77.1	7.8	24.9	0.0	0.0	0.0	44.4
3516	17644935.86	4846187.51	2.61	0	D	77.1	7.8	14.7	0.0	0.0	0.0	54.6
3517	17644917.88	4846182.54	2.61	0	D	77.1	7.8	16.6	0.0	0.0	0.0	52.7
3518	17644886.32	4846173.81	2.61	0	D	77.1	7.8	13.2	0.0	0.0	0.0	56.0
3519	17644857.95	4846165.97	2.61	0	D	77.1	7.8	21.4	0.0	15.0	0.0	32.8

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3520	17644794.93	4846148.54	2.61	0	D	77.1	7.8	12.6	0.0	15.0	0.0	41.6
3521	17644701.65	4846122.75	2.61	0	D	77.1	7.8	17.6	0.0	15.0	0.0	36.6
3645	17644623.93	4846099.15	2.30	0	D	71.5	7.0	19.3	0.0	15.0	0.0	30.2
3646	17644556.32	4846077.11	2.30	0	D	71.5	7.0	23.0	0.0	15.0	0.0	26.5
3657	17644623.93	4846099.15	4.44	0	D	78.6	6.9	19.3	0.0	15.0	0.0	37.3
3658	17644556.32	4846077.11	4.44	0	D	78.6	6.9	23.0	0.0	15.0	0.0	33.6
3672	17644623.93	4846099.15	2.61	0	D	77.1	7.0	19.3	0.0	15.0	0.0	35.8
3673	17644556.32	4846077.11	2.61	0	D	77.1	7.0	23.0	0.0	15.0	0.0	32.1
3716	17644505.97	4846058.93	2.30	0	D	71.5	4.6	26.1	0.0	15.0	0.0	25.8
3717	17644473.93	4846046.27	2.30	0	D	71.5	4.6	32.5	0.0	15.0	0.0	19.4
3718	17644453.44	4846038.17	2.30	0	D	71.5	4.6	29.6	0.0	15.0	0.0	22.4
3741	17644505.97	4846058.93	4.44	0	D	78.6	4.5	26.1	0.0	15.0	0.0	33.0
3742	17644473.93	4846046.27	4.44	0	D	78.6	4.5	32.5	0.0	15.0	0.0	26.6
3743	17644453.44	4846038.17	4.44	0	D	78.6	4.5	29.6	0.0	15.0	0.0	29.5
3751	17644388.26	4846009.07	2.30	0	D	71.5	-1.9	31.2	0.0	15.0	0.0	27.2
3762	17644388.26	4846009.07	4.44	0	D	78.6	-2.2	31.5	0.0	15.0	0.0	34.3
3770	17644505.97	4846058.93	2.61	0	D	77.1	4.6	26.1	0.0	15.0	0.0	31.4
3772	17644453.44	4846038.17	2.61	0	D	77.1	4.6	29.6	0.0	15.0	0.0	28.0
3787	17644388.26	4846009.07	2.61	0	D	77.1	-2.0	31.3	0.0	15.0	0.0	32.8
3811	17644306.82	4845968.87	2.30	0	D	71.5	4.6	27.9	0.0	15.0	0.0	24.0
3813	17644306.82	4845968.87	4.44	0	D	78.6	4.6	27.9	0.0	15.0	0.0	31.1
3819	17644306.82	4845968.87	2.61	0	D	77.1	4.6	27.9	0.0	15.0	0.0	29.6

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3488	17644915.78	4846192.86	4.44	0	D	78.6	7.2	18.7	0.0	0.0	0.0	52.7
3489	17644927.90	4846196.38	4.44	0	D	78.6	7.2	16.6	0.0	0.0	0.0	54.8
3490	17644950.60	4846202.96	4.44	0	D	78.6	7.2	11.9	0.0	0.0	0.0	59.5
3491	17644981.78	4846212.00	4.44	0	D	78.6	7.2	10.2	0.0	0.0	0.0	61.2
3492	17645012.96	4846221.04	4.44	0	D	78.6	7.2	9.1	0.0	0.0	0.0	62.3
3493	17645044.14	4846230.08	4.44	0	D	78.6	7.2	9.2	0.0	0.0	0.0	62.2
3522	17644915.78	4846192.86	2.30	0	D	71.6	7.2	18.7	0.0	0.0	0.0	45.6
3523	17644927.90	4846196.38	2.30	0	D	71.6	7.2	16.6	0.0	0.0	0.0	47.8
3524	17644936.67	4846198.92	2.30	0	D	71.6	7.2	22.4	0.0	0.0	0.0	41.9
3525	17644953.51	4846203.80	2.30	0	D	71.6	7.2	11.8	0.0	0.1	0.0	52.4
3526	17644983.86	4846212.60	2.30	0	D	71.6	7.2	10.2	0.0	0.0	0.0	54.0
3527	17645014.21	4846221.40	2.30	0	D	71.6	7.2	9.2	0.0	0.0	0.0	55.1
3528	17645044.55	4846230.20	2.30	0	D	71.6	7.2	9.3	0.0	0.0	0.0	55.0
3529	17645063.05	4846235.56	4.44	0	D	78.6	7.2	16.5	0.0	0.0	0.0	54.9
3530	17645087.75	4846242.73	4.44	0	D	78.6	7.2	9.6	0.0	0.0	0.0	61.8
3531	17645130.51	4846255.13	4.44	0	D	78.6	7.2	11.9	0.0	0.0	0.0	59.5
3532	17645164.27	4846264.92	4.44	0	D	78.6	7.2	16.0	0.0	15.0	0.0	40.3
3533	17645178.73	4846269.11	4.44	0	D	78.6	7.2	24.5	0.0	15.0	0.0	31.9
3534	17645183.05	4846270.37	4.44	0	D	78.6	7.2	24.3	0.0	15.0	0.0	32.1
3555	17645063.05	4846235.56	2.30	0	D	71.6	7.2	16.5	0.0	0.0	0.0	47.9
3556	17645087.75	4846242.73	2.30	0	D	71.6	7.2	9.6	0.0	0.0	0.0	54.7
3557	17645130.51	4846255.13	2.30	0	D	71.6	7.2	11.9	0.0	0.0	0.0	52.4
3558	17645164.27	4846264.92	2.30	0	D	71.6	7.2	16.0	0.0	15.0	0.0	33.3
3559	17645178.73	4846269.11	2.30	0	D	71.6	7.2	24.5	0.0	15.0	0.0	24.8
3560	17645183.05	4846270.37	2.30	0	D	71.6	7.2	24.3	0.0	15.0	0.0	25.0
3561	17644712.01	4846132.92	4.44	0	D	78.6	7.2	16.5	0.0	15.0	0.0	39.9
3562	17644814.27	4846163.01	4.44	0	D	78.6	7.2	12.6	0.0	15.0	0.0	43.8
3563	17644873.51	4846180.44	4.44	0	D	78.6	7.2	21.4	0.0	15.0	0.0	35.0
3564	17644894.31	4846186.57	4.44	0	D	78.6	7.2	14.7	0.0	0.0	0.0	56.8
3571	17644712.01	4846132.92	2.30	0	D	71.6	7.2	16.5	0.0	15.0	0.0	32.9
3572	17644814.27	4846163.01	2.30	0	D	71.6	7.2	12.6	0.0	15.0	0.0	36.8
3573	17644873.51	4846180.44	2.30	0	D	71.6	7.2	21.4	0.0	15.0	0.0	27.9
3574	17644894.31	4846186.57	2.30	0	D	71.6	7.2	14.7	0.0	0.0	0.0	49.7
3585	17645272.89	4846296.19	4.44	0	D	78.6	7.2	15.6	0.0	15.0	0.0	40.8
3586	17645383.75	4846328.20	4.44	0	D	78.6	7.2	15.4	0.0	15.0	0.0	41.0
3587	17645272.89	4846296.19	2.30	0	D	71.6	7.2	15.6	0.0	15.0	0.0	33.8
3588	17645383.75	4846328.20	2.30	0	D	71.6	7.2	15.4	0.0	15.0	0.0	33.9

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3604	17644915.78	4846192.86	2.61	0	D	71.1	7.2	18.7	0.0	0.0	0.0	45.1
3605	17644927.90	4846196.38	2.61	0	D	71.1	7.2	16.6	0.0	0.0	0.0	47.3
3606	17644950.60	4846202.96	2.61	0	D	71.1	7.2	11.9	0.0	0.0	0.0	52.0
3607	17644981.78	4846212.00	2.61	0	D	71.1	7.2	10.2	0.0	0.0	0.0	53.6
3608	17645012.96	4846221.04	2.61	0	D	71.1	7.2	9.1	0.0	0.0	0.0	54.7
3609	17645044.14	4846230.08	2.61	0	D	71.1	7.2	9.2	0.0	0.0	0.0	54.7
3612	17645217.98	4846280.30	4.44	0	D	78.6	7.3	16.7	0.0	15.0	0.0	39.7
3613	17644538.88	4846078.74	4.44	0	D	78.6	6.7	27.5	0.0	15.0	0.0	29.4
3614	17644583.25	4846092.93	4.44	0	D	78.6	6.7	21.3	0.0	15.0	0.0	35.7
3615	17644641.20	4846111.47	4.44	0	D	78.6	6.7	21.8	0.0	15.0	0.0	35.1
3616	17645063.05	4846235.56	2.61	0	D	71.1	7.2	16.5	0.0	0.0	0.0	47.4
3617	17645087.75	4846242.73	2.61	0	D	71.1	7.2	9.6	0.0	0.0	0.0	54.3
3618	17645130.51	4846255.13	2.61	0	D	71.1	7.2	11.9	0.0	0.0	0.0	51.9
3619	17645164.27	4846264.92	2.61	0	D	71.1	7.2	16.0	0.0	15.0	0.0	32.8
3625	17645217.98	4846280.30	2.30	0	D	71.6	7.3	16.7	0.0	15.0	0.0	32.6
3628	17644538.88	4846078.74	2.30	0	D	71.6	6.7	27.5	0.0	15.0	0.0	22.3
3629	17644583.25	4846092.93	2.30	0	D	71.6	6.7	21.3	0.0	15.0	0.0	28.6
3630	17644641.20	4846111.47	2.30	0	D	71.6	6.7	21.8	0.0	15.0	0.0	28.1
3633	17644712.01	4846132.92	2.61	0	D	71.1	7.2	16.5	0.0	15.0	0.0	32.4
3634	17644814.27	4846163.01	2.61	0	D	71.1	7.2	12.6	0.0	15.0	0.0	36.3
3635	17644873.51	4846180.44	2.61	0	D	71.1	7.2	21.4	0.0	15.0	0.0	27.4
3636	17644894.31	4846186.57	2.61	0	D	71.1	7.2	14.7	0.0	0.0	0.0	49.2
3659	17645192.54	4846273.02	4.44	0	D	78.6	7.1	19.8	0.0	15.0	0.0	36.7
3674	17644459.98	4846047.50	4.44	0	D	78.6	3.1	28.7	0.0	15.0	0.0	31.8
3675	17644505.89	4846066.18	4.44	0	D	78.6	3.1	27.9	0.0	15.0	0.0	32.6
3677	17645192.54	4846273.02	2.30	0	D	71.6	7.1	19.8	0.0	15.0	0.0	29.6
3679	17644386.14	4846013.66	4.44	0	D	78.6	-2.7	32.0	0.0	15.0	0.0	34.4
3681	17645555.63	4846378.45	4.44	0	D	78.6	7.5	25.7	0.0	15.0	0.0	30.4
3683	17645593.69	4846389.86	4.44	0	D	78.6	7.5	25.7	0.0	15.0	0.0	30.5
3684	17644459.98	4846047.50	2.30	0	D	71.6	3.1	28.7	0.0	15.0	0.0	24.8
3685	17644505.89	4846066.18	2.30	0	D	71.6	3.1	27.9	0.0	15.0	0.0	25.6
3694	17645466.35	4846352.14	4.44	0	D	78.6	7.5	26.5	0.0	15.0	0.0	29.6
3695	17645481.78	4846356.76	4.44	0	D	78.6	7.5	27.7	0.0	15.0	0.0	28.5
3696	17645497.60	4846361.50	4.44	0	D	78.6	7.5	26.9	0.0	15.0	0.0	29.2
3706	17645272.89	4846296.19	2.61	0	D	71.1	7.2	15.6	0.0	15.0	0.0	33.3
3707	17645383.75	4846328.20	2.61	0	D	71.1	7.2	15.4	0.0	15.0	0.0	33.4
3708	17644386.14	4846013.66	2.30	0	D	71.6	-2.3	31.6	0.0	15.0	0.0	27.3
3722	17645555.63	4846378.45	2.30	0	D	71.6	7.5	25.7	0.0	15.0	0.0	23.3
3724	17645593.69	4846389.86	2.30	0	D	71.6	7.5	25.7	0.0	15.0	0.0	23.4
3730	17645466.35	4846352.14	2.30	0	D	71.6	7.5	26.5	0.0	15.0	0.0	22.6
3731	17645481.78	4846356.76	2.30	0	D	71.6	7.5	27.7	0.0	15.0	0.0	21.4
3732	17645497.60	4846361.50	2.30	0	D	71.6	7.5	26.9	0.0	15.0	0.0	22.2
3753	17644141.64	4845873.31	4.44	0	D	78.6	8.5	23.1	0.0	15.0	0.0	32.1
3773	17645625.33	4846399.48	4.44	0	D	78.6	7.7	26.4	0.0	15.0	0.0	29.5
3774	17645648.46	4846406.62	4.44	0	D	78.6	7.7	29.3	0.0	15.0	0.0	26.6
3778	17644293.03	4845965.92	4.44	0	D	78.6	5.0	29.7	0.0	15.0	0.0	28.9
3779	17644323.40	4845982.65	4.44	0	D	78.6	5.0	31.4	0.0	15.0	0.0	27.2
3780	17644141.64	4845873.31	2.30	0	D	71.6	8.5	23.1	0.0	15.0	0.0	25.1
3788	17645518.82	4846367.69	4.44	0	D	78.6	7.1	27.1	0.0	15.0	0.0	29.5
3793	17645625.33	4846399.48	2.30	0	D	71.6	7.7	26.4	0.0	15.0	0.0	22.4
3794	17645648.46	4846406.62	2.30	0	D	71.6	7.7	29.3	0.0	15.0	0.0	19.5
3798	17644293.03	4845965.92	2.30	0	D	71.6	5.0	29.7	0.0	15.0	0.0	21.8
3799	17644323.40	4845982.65	2.30	0	D	71.6	5.0	31.4	0.0	15.0	0.0	20.2
3806	17645518.82	4846367.69	2.30	0	D	71.6	7.1	27.1	0.0	15.0	0.0	22.4
3812	17644253.44	4845943.38	4.44	0	D	78.6	6.6	28.1	0.0	15.0	0.0	28.9
3814	17644253.44	4845943.38	2.30	0	D	71.6	6.6	28.1	0.0	15.0	0.0	21.9
3818	17645217.98	4846280.30	2.61	0	D	71.1	7.3	16.7	0.0	15.0	0.0	32.1
3821	17644583.25	4846092.93	2.61	0	D	71.1	6.7	21.3	0.0	15.0	0.0	28.1
3822	17644641.20	4846111.47	2.61	0	D	71.1	6.7	21.8	0.0	15.0	0.0	27.6
3827	17644067.12	4845825.49	4.44	0	D	78.6	8.1	29.2	0.0	15.0	0.0	26.3
3828	17645667.65	4846412.62	4.44	0	D	78.6	8.0	29.4	0.0	15.0	0.0	26.2
3832	17644067.12	4845825.49	2.30	0	D	71.6	8.1	29.2	0.0	15.0	0.0	19.3
3836	17645667.65	4846412.62	2.30	0	D	71.6	8.0	29.4	0.0	15.0	0.0	19.1

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3838	17645192.54	4846273.02	2.61	0	D	71.1	7.1	19.8	0.0	15.0	0.0	29.1
3843	17644386.14	4846013.66	2.61	0	D	71.1	-2.4	31.6	0.0	15.0	0.0	26.8

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3535	17645061.80	4846240.79	2.30	0	D	71.5	7.0	24.6	0.0	0.9	0.0	39.0
3536	17645082.01	4846246.79	2.30	0	D	71.5	7.0	9.6	0.0	0.8	0.0	54.2
3537	17645121.46	4846258.49	2.30	0	D	71.5	7.0	11.9	0.0	0.5	0.0	52.1
3538	17645152.25	4846267.63	2.30	0	D	71.5	7.0	16.1	0.0	15.0	0.0	33.4
3539	17645165.47	4846271.55	2.30	0	D	71.5	7.0	23.9	0.0	15.0	0.0	25.6
3540	17645201.12	4846282.13	2.30	0	D	71.5	7.0	13.5	0.0	15.0	0.0	36.0
3548	17645061.80	4846240.79	4.44	0	D	78.6	7.0	24.6	0.0	0.0	0.0	47.1
3549	17645082.01	4846246.79	4.44	0	D	78.6	7.0	9.6	0.0	0.0	0.0	62.1
3550	17645121.46	4846258.49	4.44	0	D	78.6	7.0	11.9	0.0	0.0	0.0	59.8
3551	17645152.52	4846267.71	4.44	0	D	78.6	7.0	16.0	0.0	15.0	0.0	40.6
3552	17645165.74	4846271.63	4.44	0	D	78.6	7.0	24.5	0.0	15.0	0.0	32.1
3554	17645201.12	4846282.13	4.44	0	D	78.6	7.0	13.5	0.0	15.0	0.0	43.1
3565	17645061.80	4846240.79	2.61	0	D	77.1	7.0	24.6	0.0	0.0	0.0	45.5
3566	17645082.01	4846246.79	2.61	0	D	77.1	7.0	9.6	0.0	0.0	0.0	60.5
3567	17645121.46	4846258.49	2.61	0	D	77.1	7.0	11.9	0.0	0.0	0.0	58.2
3568	17645152.52	4846267.71	2.61	0	D	77.1	7.0	16.0	0.0	15.0	0.0	39.1
3569	17645165.74	4846271.63	2.61	0	D	77.1	7.0	24.5	0.0	15.0	0.0	30.6
3570	17645201.12	4846282.13	2.61	0	D	77.1	7.0	13.5	0.0	15.0	0.0	41.6
3631	17645260.43	4846299.27	2.30	0	D	71.5	6.8	17.2	0.0	15.0	0.0	32.5
3632	17645289.26	4846307.32	2.30	0	D	71.5	6.8	27.5	0.0	15.0	0.0	22.2
3643	17645260.43	4846299.27	4.44	0	D	78.6	6.7	17.2	0.0	15.0	0.0	39.7
3644	17645289.26	4846307.32	4.44	0	D	78.6	6.7	27.5	0.0	15.0	0.0	29.4
3650	17645260.43	4846299.27	2.61	0	D	77.1	6.8	17.2	0.0	15.0	0.0	38.1
3651	17645289.26	4846307.32	2.61	0	D	77.1	6.8	27.5	0.0	15.0	0.0	27.8
3676	17645353.81	4846325.09	2.30	0	D	71.5	7.1	19.1	0.0	15.0	0.0	30.3
3678	17645353.81	4846325.09	4.44	0	D	78.6	7.1	19.1	0.0	15.0	0.0	37.4
3686	17645353.81	4846325.09	2.61	0	D	77.1	7.1	19.1	0.0	15.0	0.0	35.9
3699	17645305.90	4846311.66	2.30	0	D	71.5	6.4	21.8	0.0	15.0	0.0	28.3
3700	17645322.25	4846315.86	2.30	0	D	71.5	6.4	29.3	0.0	15.0	0.0	20.8
3702	17645469.09	4846358.10	2.30	0	D	71.5	6.8	26.9	0.0	15.0	0.0	22.8
3703	17645489.13	4846363.77	2.30	0	D	71.5	6.8	26.6	0.0	15.0	0.0	23.1
3704	17645505.99	4846368.53	2.30	0	D	71.5	6.8	29.4	0.0	15.0	0.0	20.2
3705	17645523.62	4846373.52	2.30	0	D	71.5	6.8	26.9	0.0	15.0	0.0	22.8
3711	17645581.79	4846390.40	2.30	0	D	71.5	7.1	23.0	0.0	15.0	0.0	26.4
3712	17645623.59	4846402.60	2.30	0	D	71.5	7.1	29.3	0.0	15.0	0.0	20.1
3719	17645305.90	4846311.66	4.44	0	D	78.6	6.4	21.8	0.0	15.0	0.0	35.4
3720	17645322.25	4846315.86	4.44	0	D	78.6	6.4	29.3	0.0	15.0	0.0	27.9
3726	17645469.09	4846358.10	4.44	0	D	78.6	6.8	26.9	0.0	15.0	0.0	29.9
3727	17645489.13	4846363.77	4.44	0	D	78.6	6.8	26.6	0.0	15.0	0.0	30.2
3728	17645505.99	4846368.53	4.44	0	D	78.6	6.8	29.4	0.0	15.0	0.0	27.4
3729	17645523.62	4846373.52	4.44	0	D	78.6	6.8	26.9	0.0	15.0	0.0	29.9
3734	17645305.90	4846311.66	2.61	0	D	77.1	6.4	21.8	0.0	15.0	0.0	33.9
3735	17645322.25	4846315.86	2.61	0	D	77.1	6.4	29.3	0.0	15.0	0.0	26.4
3738	17645581.79	4846390.40	4.44	0	D	78.6	7.1	23.0	0.0	15.0	0.0	33.5
3739	17645623.59	4846402.60	4.44	0	D	78.6	7.1	29.3	0.0	15.0	0.0	27.3
3745	17645469.09	4846358.10	2.61	0	D	77.1	6.8	26.9	0.0	15.0	0.0	28.4
3746	17645489.13	4846363.77	2.61	0	D	77.1	6.8	26.6	0.0	15.0	0.0	28.7
3748	17645523.62	4846373.52	2.61	0	D	77.1	6.8	26.9	0.0	15.0	0.0	28.4
3752	17645401.86	4846339.31	2.30	0	D	71.5	7.1	22.0	0.0	15.0	0.0	27.4
3756	17645581.79	4846390.40	2.61	0	D	77.1	7.1	23.0	0.0	15.0	0.0	32.0
3769	17645401.86	4846339.31	4.44	0	D	78.6	7.1	22.0	0.0	15.0	0.0	34.5
3776	17645432.82	4846348.16	2.30	0	D	71.5	6.5	25.5	0.0	15.0	0.0	24.5
3777	17645450.79	4846353.01	2.30	0	D	71.5	6.5	28.6	0.0	15.0	0.0	21.4
3782	17645401.86	4846339.31	2.61	0	D	77.1	7.1	22.0	0.0	15.0	0.0	33.0
3791	17645432.82	4846348.16	4.44	0	D	78.6	6.5	25.5	0.0	15.0	0.0	31.6
3792	17645450.79	4846353.01	4.44	0	D	78.6	6.5	28.6	0.0	15.0	0.0	28.5
3800	17645432.82	4846348.16	2.61	0	D	77.1	6.5	25.5	0.0	15.0	0.0	30.1

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3801	17645450.79	4846353.01	2.61	0	D	77.1	6.5	28.6	0.0	15.0	0.0	27.0
3829	17645646.31	4846409.31	2.30	0	D	71.5	7.3	28.2	0.0	15.0	0.0	21.0
3831	17645646.31	4846409.31	4.44	0	D	78.6	7.3	28.2	0.0	15.0	0.0	28.2
3837	17645646.31	4846409.31	2.61	0	D	77.1	7.3	28.2	0.0	15.0	0.0	26.6

Receiver
Name: OLA01
ID: OLA01
X: 17644882.47 m
Y: 4846279.45 m
Z: 24.75 m

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
62	17644850.42	4846317.64	0.10	0	D	63	33.6	-14.0	0.0	5.9	0.0	0.0	13.6
62	17644850.42	4846317.64	0.10	0	D	80	38.0	-14.0	0.0	6.0	0.0	0.0	17.9
62	17644850.42	4846317.64	0.10	0	D	100	39.9	-14.0	0.0	6.3	0.0	0.0	19.6
62	17644850.42	4846317.64	0.10	0	D	125	40.8	-14.0	0.0	6.6	0.0	0.0	20.2
62	17644850.42	4846317.64	0.10	0	D	160	41.6	-14.0	0.0	7.3	0.0	0.0	20.2
62	17644850.42	4846317.64	0.10	0	D	200	42.5	-14.0	0.0	8.6	0.0	0.0	19.8
62	17644850.42	4846317.64	0.10	0	D	250	43.7	-14.0	0.0	12.1	0.0	0.0	17.6
62	17644850.42	4846317.64	0.10	0	D	315	45.3	-14.0	0.0	13.0	0.0	0.0	18.3
62	17644850.42	4846317.64	0.10	0	D	400	47.2	-14.0	0.0	14.4	0.0	0.0	18.7
62	17644850.42	4846317.64	0.10	0	D	500	49.0	-14.0	0.0	15.9	0.0	0.0	19.1
62	17644850.42	4846317.64	0.10	0	D	630	49.7	-14.0	0.0	17.8	0.0	0.0	17.8
62	17644850.42	4846317.64	0.10	0	D	800	52.0	-14.0	0.0	19.9	0.0	0.0	18.1
62	17644850.42	4846317.64	0.10	0	D	1000	52.9	-14.0	0.0	22.9	0.0	0.0	16.0
62	17644850.42	4846317.64	0.10	0	D	1250	52.8	-14.0	0.0	28.6	0.0	0.0	10.2
62	17644850.42	4846317.64	0.10	0	D	2500	50.3	-14.0	0.0	24.5	0.0	0.0	11.7
62	17644850.42	4846317.64	0.10	0	D	3150	48.9	-14.0	0.0	22.8	0.0	0.0	12.1
66	17644839.00	4846300.61	0.10	0	D	63	33.6	-13.8	0.0	5.6	0.0	0.0	14.2
66	17644839.00	4846300.61	0.10	0	D	80	38.0	-13.8	0.0	5.7	0.0	0.0	18.5
66	17644839.00	4846300.61	0.10	0	D	100	39.9	-13.8	0.0	5.9	0.0	0.0	20.2
66	17644839.00	4846300.61	0.10	0	D	125	40.8	-13.8	0.0	6.3	0.0	0.0	20.8
66	17644839.00	4846300.61	0.10	0	D	160	41.6	-13.8	0.0	7.1	0.0	0.0	20.8
66	17644839.00	4846300.61	0.10	0	D	200	42.5	-13.8	0.0	8.5	0.0	0.0	20.2
66	17644839.00	4846300.61	0.10	0	D	250	43.7	-13.8	0.0	12.4	0.0	0.0	17.5
66	17644839.00	4846300.61	0.10	0	D	315	45.3	-13.8	0.0	11.8	0.0	0.0	19.7
66	17644839.00	4846300.61	0.10	0	D	400	47.2	-13.8	0.0	14.0	0.0	0.0	19.4
66	17644839.00	4846300.61	0.10	0	D	500	49.0	-13.8	0.0	15.0	0.0	0.0	20.2
66	17644839.00	4846300.61	0.10	0	D	630	49.7	-13.8	0.0	16.4	0.0	0.0	19.5
66	17644839.00	4846300.61	0.10	0	D	800	52.0	-13.8	0.0	20.5	0.0	0.0	17.7
66	17644839.00	4846300.61	0.10	0	D	1000	52.9	-13.8	0.0	23.3	0.0	0.0	15.8
66	17644839.00	4846300.61	0.10	0	D	1250	52.8	-13.8	0.0	27.7	0.0	0.0	11.4
66	17644839.00	4846300.61	0.10	0	D	2500	50.3	-13.8	0.0	23.3	0.0	0.0	13.2
66	17644839.00	4846300.61	0.10	0	D	3150	48.9	-13.8	0.0	23.4	0.0	0.0	11.7
72	17644827.58	4846283.58	0.10	0	D	63	33.6	-14.8	0.0	6.3	0.0	0.0	12.5
72	17644827.58	4846283.58	0.10	0	D	80	38.0	-14.8	0.0	6.4	0.0	0.0	16.7
72	17644827.58	4846283.58	0.10	0	D	100	39.9	-14.8	0.0	6.5	0.0	0.0	18.5
72	17644827.58	4846283.58	0.10	0	D	125	40.8	-14.8	0.0	6.8	0.0	0.0	19.2
72	17644827.58	4846283.58	0.10	0	D	160	41.6	-14.8	0.0	7.4	0.0	0.0	19.4
72	17644827.58	4846283.58	0.10	0	D	200	42.5	-14.8	0.0	8.4	0.0	0.0	19.3
72	17644827.58	4846283.58	0.10	0	D	250	43.7	-14.8	0.0	10.6	0.0	0.0	18.3
72	17644827.58	4846283.58	0.10	0	D	315	45.3	-14.8	0.0	11.4	0.0	0.0	19.0
72	17644827.58	4846283.58	0.10	0	D	400	47.2	-14.8	0.0	14.5	0.0	0.0	17.8
72	17644827.58	4846283.58	0.10	0	D	500	49.0	-14.8	0.0	15.3	0.0	0.0	18.9
72	17644827.58	4846283.58	0.10	0	D	630	49.7	-14.8	0.0	15.8	0.0	0.0	19.0
72	17644827.58	4846283.58	0.10	0	D	800	52.0	-14.8	0.0	17.7	0.0	0.0	19.4
72	17644827.58	4846283.58	0.10	0	D	1000	52.9	-14.8	0.0	21.5	0.0	0.0	16.5
72	17644827.58	4846283.58	0.10	0	D	1250	52.8	-14.8	0.0	25.0	0.0	0.0	13.0
99	17644816.16	4846266.54	0.10	0	D	63	33.6	-16.6	0.0	5.4	0.0	0.0	11.6
99	17644816.16	4846266.54	0.10	0	D	80	38.0	-16.6	0.0	5.5	0.0	0.0	15.8
99	17644816.16	4846266.54	0.10	0	D	100	39.9	-16.6	0.0	5.8	0.0	0.0	17.5
99	17644816.16	4846266.54	0.10	0	D	125	40.8	-16.6	0.0	6.1	0.0	0.0	18.1
99	17644816.16	4846266.54	0.10	0	D	160	41.6	-16.6	0.0	6.8	0.0	0.0	18.2
99	17644816.16	4846266.54	0.10	0	D	200	42.5	-16.6	0.0	8.1	0.0	0.0	17.8

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
99	17644816.16	4846266.54	0.10	0	D	250	43.7	-16.6	0.0	11.4	0.0	0.0	15.7
99	17644816.16	4846266.54	0.10	0	D	315	45.3	-16.6	0.0	11.9	0.0	0.0	16.8
99	17644816.16	4846266.54	0.10	0	D	400	47.2	-16.6	0.0	13.0	0.0	0.0	17.6
99	17644816.16	4846266.54	0.10	0	D	500	49.0	-16.6	0.0	13.2	0.0	0.0	19.2
99	17644816.16	4846266.54	0.10	0	D	630	49.7	-16.6	0.0	15.9	0.0	0.0	17.2
99	17644816.16	4846266.54	0.10	0	D	800	52.0	-16.6	0.0	17.8	0.0	0.0	17.6
99	17644816.16	4846266.54	0.10	0	D	1000	52.9	-16.6	0.0	19.2	0.0	0.0	17.1
99	17644816.16	4846266.54	0.10	0	D	1250	52.8	-16.6	0.0	22.0	0.0	0.0	14.3
339	17644864.17	4846338.82	0.10	0	D	63	33.6	-14.2	0.0	6.2	0.0	0.0	13.2
339	17644864.17	4846338.82	0.10	0	D	80	38.0	-14.2	0.0	6.3	0.0	0.0	17.5
339	17644864.17	4846338.82	0.10	0	D	100	39.9	-14.2	0.0	6.5	0.0	0.0	19.2
339	17644864.17	4846338.82	0.10	0	D	125	40.8	-14.2	0.0	6.8	0.0	0.0	19.9
339	17644864.17	4846338.82	0.10	0	D	160	41.6	-14.2	0.0	7.3	0.0	0.0	20.1
339	17644864.17	4846338.82	0.10	0	D	200	42.5	-14.2	0.0	8.3	0.0	0.0	19.9
339	17644864.17	4846338.82	0.10	0	D	250	43.7	-14.2	0.0	10.6	0.0	0.0	18.9
339	17644864.17	4846338.82	0.10	0	D	315	45.3	-14.2	0.0	11.9	0.0	0.0	19.2
339	17644864.17	4846338.82	0.10	0	D	400	47.2	-14.2	0.0	12.6	0.0	0.0	20.4
339	17644864.17	4846338.82	0.10	0	D	500	49.0	-14.2	0.0	15.4	0.0	0.0	19.4
339	17644864.17	4846338.82	0.10	0	D	630	49.7	-14.2	0.0	17.0	0.0	0.0	18.5
339	17644864.17	4846338.82	0.10	0	D	800	52.0	-14.2	0.0	18.3	0.0	0.0	19.6
339	17644864.17	4846338.82	0.10	0	D	1000	52.9	-14.2	0.0	19.6	0.0	0.0	19.1
339	17644864.17	4846338.82	0.10	0	D	1250	52.8	-14.2	0.0	23.1	0.0	0.0	15.5
340	17644850.42	4846317.64	1.52	0	D	80	34.1	-14.0	0.0	8.8	0.0	0.0	11.3
340	17644850.42	4846317.64	1.52	0	D	100	36.2	-14.0	0.0	9.0	0.0	0.0	13.2
340	17644850.42	4846317.64	1.52	0	D	125	37.4	-14.0	0.0	9.3	0.0	0.0	14.1
340	17644850.42	4846317.64	1.52	0	D	160	38.6	-14.0	0.0	9.9	0.0	0.0	14.7
340	17644850.42	4846317.64	1.52	0	D	200	40.2	-14.0	0.0	11.0	0.0	0.0	15.2
340	17644850.42	4846317.64	1.52	0	D	250	42.4	-14.0	0.0	13.4	0.0	0.0	15.0
340	17644850.42	4846317.64	1.52	0	D	400	48.0	-14.0	0.0	14.3	0.0	0.0	19.7
340	17644850.42	4846317.64	1.52	0	D	500	51.3	-14.0	0.0	22.1	0.0	0.0	15.1
340	17644850.42	4846317.64	1.52	0	D	630	54.5	-14.0	0.0	16.1	0.0	0.0	24.3
340	17644850.42	4846317.64	1.52	0	D	800	49.7	-14.0	0.0	19.3	0.0	0.0	16.4
340	17644850.42	4846317.64	1.52	0	D	1000	50.8	-14.0	0.0	21.5	0.0	0.0	15.2
340	17644850.42	4846317.64	1.52	0	D	1250	47.0	-14.0	0.0	19.6	0.0	0.0	13.4
342	17644839.00	4846300.61	1.52	0	D	80	34.1	-13.8	0.0	8.6	0.0	0.0	11.7
342	17644839.00	4846300.61	1.52	0	D	100	36.2	-13.8	0.0	8.8	0.0	0.0	13.6
342	17644839.00	4846300.61	1.52	0	D	125	37.4	-13.8	0.0	9.1	0.0	0.0	14.5
342	17644839.00	4846300.61	1.52	0	D	160	38.6	-13.8	0.0	9.8	0.0	0.0	15.1
342	17644839.00	4846300.61	1.52	0	D	200	40.2	-13.8	0.0	11.0	0.0	0.0	15.3
342	17644839.00	4846300.61	1.52	0	D	250	42.4	-13.8	0.0	14.1	0.0	0.0	14.5
342	17644839.00	4846300.61	1.52	0	D	400	48.0	-13.8	0.0	13.6	0.0	0.0	20.7
342	17644839.00	4846300.61	1.52	0	D	500	51.3	-13.8	0.0	24.8	0.0	0.0	12.7
342	17644839.00	4846300.61	1.52	0	D	630	54.5	-13.8	0.0	14.6	0.0	0.0	26.1
342	17644839.00	4846300.61	1.52	0	D	800	49.7	-13.8	0.0	18.4	0.0	0.0	17.6
342	17644839.00	4846300.61	1.52	0	D	1000	50.8	-13.8	0.0	19.5	0.0	0.0	17.5
342	17644839.00	4846300.61	1.52	0	D	1250	47.0	-13.8	0.0	17.7	0.0	0.0	15.5
342	17644839.00	4846300.61	1.52	0	D	1600	47.8	-13.8	0.0	23.4	0.0	0.0	10.6
346	17644827.58	4846283.58	1.52	0	D	80	34.1	-14.8	0.0	8.6	0.0	0.0	10.6
346	17644827.58	4846283.58	1.52	0	D	100	36.2	-14.8	0.0	8.8	0.0	0.0	12.6
346	17644827.58	4846283.58	1.52	0	D	125	37.4	-14.8	0.0	8.9	0.0	0.0	13.7
346	17644827.58	4846283.58	1.52	0	D	160	38.6	-14.8	0.0	9.3	0.0	0.0	14.5
346	17644827.58	4846283.58	1.52	0	D	200	40.2	-14.8	0.0	9.8	0.0	0.0	15.5
346	17644827.58	4846283.58	1.52	0	D	250	42.4	-14.8	0.0	10.8	0.0	0.0	16.8
346	17644827.58	4846283.58	1.52	0	D	315	45.1	-14.8	0.0	19.6	0.0	0.0	10.6
346	17644827.58	4846283.58	1.52	0	D	400	48.0	-14.8	0.0	16.9	0.0	0.0	16.3
346	17644827.58	4846283.58	1.52	0	D	500	51.3	-14.8	0.0	16.0	0.0	0.0	20.5
346	17644827.58	4846283.58	1.52	0	D	630	54.5	-14.8	0.0	17.2	0.0	0.0	22.4
346	17644827.58	4846283.58	1.52	0	D	1000	50.8	-14.8	0.0	25.3	0.0	0.0	10.7
346	17644827.58	4846283.58	1.52	0	D	1600	47.8	-14.8	0.0	18.5	0.0	0.0	14.4
347	17644816.16	4846266.54	1.52	0	D	80	34.1	-16.6	0.0	7.2	0.0	0.0	10.3
347	17644816.16	4846266.54	1.52	0	D	100	36.2	-16.6	0.0	7.4	0.0	0.0	12.2
347	17644816.16	4846266.54	1.52	0	D	125	37.4	-16.6	0.0	7.7	0.0	0.0	13.2
347	17644816.16	4846266.54	1.52	0	D	160	38.6	-16.6	0.0	8.3	0.0	0.0	13.8

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
347	17644816.16	4846266.54	1.52	0	D	200	40.2	-16.6	0.0	9.2	0.0	0.0	14.3
347	17644816.16	4846266.54	1.52	0	D	250	42.4	-16.6	0.0	11.5	0.0	0.0	14.3
347	17644816.16	4846266.54	1.52	0	D	315	45.1	-16.6	0.0	13.0	0.0	0.0	15.6
347	17644816.16	4846266.54	1.52	0	D	500	51.3	-16.6	0.0	13.4	0.0	0.0	21.3
347	17644816.16	4846266.54	1.52	0	D	630	54.5	-16.6	0.0	21.0	0.0	0.0	16.9
347	17644816.16	4846266.54	1.52	0	D	800	49.7	-16.6	0.0	16.1	0.0	0.0	17.1
347	17644816.16	4846266.54	1.52	0	D	1000	50.8	-16.6	0.0	20.5	0.0	0.0	13.7
347	17644816.16	4846266.54	1.52	0	D	1600	47.8	-16.6	0.0	18.5	0.0	0.0	12.7
895	17644872.87	4846352.54	1.52	0	D	630	54.5	-26.5	0.0	16.4	0.0	0.0	11.5
904	17644864.17	4846338.82	1.52	0	D	80	34.1	-14.2	0.0	8.2	0.0	0.0	11.7
904	17644864.17	4846338.82	1.52	0	D	100	36.2	-14.2	0.0	8.3	0.0	0.0	13.7
904	17644864.17	4846338.82	1.52	0	D	125	37.4	-14.2	0.0	8.5	0.0	0.0	14.8
904	17644864.17	4846338.82	1.52	0	D	160	38.6	-14.2	0.0	8.8	0.0	0.0	15.6
904	17644864.17	4846338.82	1.52	0	D	200	40.2	-14.2	0.0	9.4	0.0	0.0	16.6
904	17644864.17	4846338.82	1.52	0	D	250	42.4	-14.2	0.0	10.4	0.0	0.0	17.8
904	17644864.17	4846338.82	1.52	0	D	315	45.1	-14.2	0.0	15.0	0.0	0.0	15.9
904	17644864.17	4846338.82	1.52	0	D	400	48.0	-14.2	0.0	22.0	0.0	0.0	11.8
904	17644864.17	4846338.82	1.52	0	D	500	51.3	-14.2	0.0	14.6	0.0	0.0	22.5
904	17644864.17	4846338.82	1.52	0	D	800	49.7	-14.2	0.0	18.0	0.0	0.0	17.5
904	17644864.17	4846338.82	1.52	0	D	1000	50.8	-14.2	0.0	16.1	0.0	0.0	20.5
904	17644864.17	4846338.82	1.52	0	D	1250	47.0	-14.2	0.0	17.2	0.0	0.0	15.6

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1389	17645060.13	4846240.34	4.44	0	D	84.6	7.7	30.0	0.0	15.0	0.0	31.9
1391	17645030.26	4846231.50	4.44	0	D	84.6	7.7	11.4	0.0	15.0	0.0	50.5
1393	17644985.94	4846218.38	4.44	0	D	84.6	7.7	12.2	0.0	15.0	0.0	49.7
1396	17644960.32	4846210.80	4.44	0	D	84.6	7.7	12.5	0.0	11.2	0.0	53.2
1398	17644935.74	4846203.53	4.44	0	D	84.6	7.7	10.3	0.0	12.4	0.0	54.2
1400	17644917.67	4846198.17	4.44	0	D	84.6	7.7	15.3	0.0	13.4	0.0	48.2
1402	17644907.71	4846195.23	4.44	0	D	84.6	7.7	13.7	0.0	14.1	0.0	49.1
1404	17644900.75	4846193.17	4.44	0	D	84.6	7.7	20.8	0.0	14.6	0.0	41.5
1406	17644880.70	4846187.23	4.44	0	D	84.6	7.7	9.0	0.0	15.0	0.0	52.9
1408	17644835.25	4846173.78	4.44	0	D	84.6	7.7	9.3	0.0	15.0	0.0	52.5
1410	17644807.59	4846165.59	4.44	0	D	84.6	7.7	24.5	0.0	15.0	0.0	37.4
1469	17645030.81	4846231.67	2.30	0	D	71.5	7.7	11.3	0.0	15.0	0.0	37.4
1471	17644985.94	4846218.38	2.30	0	D	71.5	7.7	12.2	0.0	15.0	0.0	36.6
1473	17644960.32	4846210.80	2.30	0	D	71.5	7.7	12.5	0.0	12.2	0.0	39.1
1475	17644935.74	4846203.53	2.30	0	D	71.5	7.7	10.4	0.0	13.3	0.0	40.0
1477	17644917.67	4846198.17	2.30	0	D	71.5	7.7	15.3	0.0	14.4	0.0	34.0
1479	17644907.71	4846195.23	2.30	0	D	71.5	7.7	13.7	0.0	15.0	0.0	35.0
1481	17644900.75	4846193.17	2.30	0	D	71.5	7.7	20.9	0.0	15.0	0.0	27.9
1483	17644880.70	4846187.23	2.30	0	D	71.5	7.7	9.0	0.0	15.0	0.0	39.7
1485	17644835.25	4846173.78	2.30	0	D	71.5	7.7	9.3	0.0	15.0	0.0	39.4
1487	17644807.59	4846165.59	2.30	0	D	71.5	7.7	24.5	0.0	15.0	0.0	24.2
1561	17644782.27	4846158.21	4.44	0	D	84.6	7.7	12.3	0.0	15.0	0.0	49.5
1564	17644711.42	4846137.57	4.44	0	D	84.6	7.7	12.3	0.0	15.0	0.0	49.5
1625	17645030.81	4846231.67	2.61	0	D	77.1	7.7	11.3	0.0	15.0	0.0	43.0
1628	17644985.94	4846218.38	2.61	0	D	77.1	7.7	12.2	0.0	15.0	0.0	42.2
1631	17644960.32	4846210.80	2.61	0	D	77.1	7.7	12.5	0.0	12.1	0.0	44.8
1635	17644935.74	4846203.53	2.61	0	D	77.1	7.7	10.4	0.0	13.2	0.0	45.8
1639	17644917.67	4846198.17	2.61	0	D	77.1	7.7	15.3	0.0	14.3	0.0	39.8
1641	17644907.71	4846195.23	2.61	0	D	77.1	7.7	13.7	0.0	15.0	0.0	40.7
1643	17644900.75	4846193.17	2.61	0	D	77.1	7.7	20.9	0.0	15.0	0.0	33.5
1646	17644880.70	4846187.23	2.61	0	D	77.1	7.7	9.0	0.0	15.0	0.0	45.3
1649	17644835.25	4846173.78	2.61	0	D	77.1	7.7	9.3	0.0	15.0	0.0	45.0
1652	17644807.59	4846165.59	2.61	0	D	77.1	7.7	24.5	0.0	15.0	0.0	29.8
1657	17644782.27	4846158.21	2.30	0	D	71.5	7.8	12.3	0.0	15.0	0.0	36.4
1661	17644711.42	4846137.57	2.30	0	D	71.5	7.8	12.3	0.0	15.0	0.0	36.4
1678	17644644.77	4846117.53	4.44	0	D	84.6	7.4	18.7	0.0	15.0	0.0	43.5
1681	17644605.77	4846104.96	4.44	0	D	84.6	7.4	20.0	0.0	15.0	0.0	42.2
1683	17644557.30	4846089.34	4.44	0	D	84.6	7.4	19.3	0.0	15.0	0.0	42.9

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1707	17644782.27	4846158.21	2.61	0	D	77.1	7.8	12.3	0.0	15.0	0.0	42.0
1710	17644711.42	4846137.57	2.61	0	D	77.1	7.8	12.3	0.0	15.0	0.0	42.0
1841	17644520.24	4846076.77	4.44	0	D	84.6	5.6	27.8	0.0	15.0	0.0	36.2
1844	17644474.11	4846058.08	4.44	0	D	84.6	5.6	21.6	0.0	15.0	0.0	42.4
1848	17644644.77	4846117.53	2.30	0	D	71.5	7.4	18.7	0.0	15.0	0.0	30.4
1851	17644605.53	4846104.88	2.30	0	D	71.5	7.4	20.0	0.0	15.0	0.0	29.1
1854	17644574.49	4846094.88	2.30	0	D	71.5	7.4	22.9	0.0	15.0	0.0	26.2
1857	17644545.25	4846085.46	2.30	0	D	71.5	7.4	21.9	0.0	15.0	0.0	27.2
1905	17644384.37	4846018.03	4.44	0	D	84.6	2.9	24.7	0.0	15.0	0.0	42.0
1926	17644644.77	4846117.53	2.61	0	D	77.1	7.4	18.7	0.0	15.0	0.0	36.0
1930	17644605.53	4846104.88	2.61	0	D	77.1	7.4	20.0	0.0	15.0	0.0	34.7
1933	17644576.22	4846095.44	2.61	0	D	77.1	7.4	23.5	0.0	15.0	0.0	31.1
1936	17644546.97	4846086.01	2.61	0	D	77.1	7.4	21.4	0.0	15.0	0.0	33.2
1960	17644127.74	4845869.30	4.44	0	D	84.6	6.5	23.2	0.0	15.0	0.0	40.0
1991	17644302.65	4845976.62	4.44	0	D	84.6	2.4	28.6	0.0	15.0	0.0	38.6
1995	17644520.24	4846076.77	2.30	0	D	71.5	5.7	27.7	0.0	15.0	0.0	23.1
1998	17644474.11	4846058.08	2.30	0	D	71.5	5.7	21.6	0.0	15.0	0.0	29.2
2044	17644384.37	4846018.03	2.30	0	D	71.5	3.1	24.5	0.0	15.0	0.0	28.9
2077	17644520.24	4846076.77	2.61	0	D	77.1	5.7	27.7	0.0	15.0	0.0	28.7
2079	17644474.11	4846058.08	2.61	0	D	77.1	5.7	21.6	0.0	15.0	0.0	34.8
2098	17644260.90	4845953.02	4.44	0	D	84.6	4.2	31.7	0.0	15.0	0.0	33.7
2100	17644240.13	4845940.77	4.44	0	D	84.6	4.2	32.7	0.0	15.0	0.0	32.7
2134	17644384.37	4846018.03	2.61	0	D	77.1	3.1	24.5	0.0	15.0	0.0	34.5
2154	17644123.60	4845866.62	2.30	0	D	71.5	6.5	23.4	0.0	15.0	0.0	26.5
2191	17644213.57	4845924.43	4.44	0	D	84.6	5.9	28.8	0.0	15.0	0.0	34.9
2271	17644035.27	4845810.38	4.44	0	D	84.6	4.9	30.5	0.0	15.0	0.0	34.2
2328	17644302.65	4845976.62	2.30	0	D	71.5	2.7	28.3	0.0	15.0	0.0	25.5
2353	17644127.74	4845869.30	2.61	0	D	77.1	6.5	23.1	0.0	15.0	0.0	32.4
2441	17644302.65	4845976.62	2.61	0	D	77.1	2.6	28.4	0.0	15.0	0.0	31.1
2473	17644251.35	4845947.39	2.30	0	D	71.5	4.3	29.0	0.0	15.0	0.0	23.1
2495	17644213.57	4845924.43	2.30	0	D	71.5	6.0	28.7	0.0	15.0	0.0	21.8
2498	17644251.35	4845947.39	2.61	0	D	77.1	4.3	29.0	0.0	15.0	0.0	28.7
2505	17644035.27	4845810.38	2.30	0	D	71.5	5.0	30.4	0.0	15.0	0.0	21.1
2512	17644213.72	4845924.52	2.61	0	D	77.1	5.9	28.8	0.0	15.0	0.0	27.4
2531	17644035.27	4845810.38	2.61	0	D	77.1	5.0	30.4	0.0	15.0	0.0	26.7

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1413	17644708.17	4846131.79	4.44	0	D	78.6	7.9	12.7	0.0	15.0	0.0	43.0
1415	17644778.38	4846152.45	4.44	0	D	78.6	7.9	12.1	0.0	15.0	0.0	43.6
1419	17644832.90	4846168.49	4.44	0	D	78.6	7.9	9.3	0.0	15.0	0.0	46.4
1422	17644880.62	4846182.54	4.44	0	D	78.6	7.9	9.0	0.0	15.0	0.0	46.7
1424	17644901.69	4846188.74	4.44	0	D	78.6	7.9	20.8	0.0	14.0	0.0	35.9
1426	17644906.82	4846190.25	4.44	0	D	78.6	7.9	15.6	0.0	13.7	0.0	41.4
1429	17644708.17	4846131.79	2.30	0	D	71.6	8.0	12.7	0.0	15.0	0.0	35.9
1431	17644778.38	4846152.45	2.30	0	D	71.6	8.0	12.1	0.0	15.0	0.0	36.6
1433	17644832.90	4846168.49	2.30	0	D	71.6	8.0	9.3	0.0	15.0	0.0	39.3
1435	17644880.62	4846182.54	2.30	0	D	71.6	8.0	9.0	0.0	15.0	0.0	39.6
1437	17644901.69	4846188.74	2.30	0	D	71.6	8.0	20.8	0.0	15.0	0.0	27.8
1440	17644906.82	4846190.25	2.30	0	D	71.6	8.0	15.6	0.0	14.7	0.0	33.3
1522	17644912.96	4846192.04	4.44	0	D	78.6	7.9	18.1	0.0	13.3	0.0	39.3
1524	17644919.50	4846193.94	4.44	0	D	78.6	7.9	15.2	0.0	12.9	0.0	42.6
1526	17644938.60	4846199.48	4.44	0	D	78.6	7.9	10.3	0.0	11.8	0.0	48.5
1539	17644964.60	4846207.02	4.44	0	D	78.6	7.9	12.5	0.0	10.7	0.0	47.6
1541	17644991.82	4846214.91	4.44	0	D	78.6	7.9	12.2	0.0	15.0	0.0	43.5
1544	17645031.53	4846226.42	4.44	0	D	78.6	7.9	12.3	0.0	15.0	0.0	43.4
1546	17645057.49	4846233.95	4.44	0	D	78.6	7.9	23.7	0.0	15.0	0.0	32.0
1605	17644912.96	4846192.04	2.30	0	D	71.6	8.0	18.2	0.0	14.3	0.0	31.2
1608	17644919.50	4846193.94	2.30	0	D	71.6	8.0	15.3	0.0	13.9	0.0	34.5
1612	17644938.60	4846199.48	2.30	0	D	71.6	8.0	10.4	0.0	12.8	0.0	40.4
1615	17644964.60	4846207.02	2.30	0	D	71.6	8.0	12.5	0.0	11.7	0.0	39.5
1618	17644991.82	4846214.91	2.30	0	D	71.6	8.0	12.2	0.0	15.0	0.0	36.5

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1621	17645033.77	4846227.07	2.30	0	D	71.6	8.0	12.0	0.0	15.0	0.0	36.6
1686	17645110.87	4846249.43	4.44	0	D	78.6	7.9	12.0	0.0	15.0	0.0	43.7
1691	17645173.65	4846267.64	4.44	0	D	78.6	7.9	20.7	0.0	15.0	0.0	35.0
1715	17645070.44	4846237.71	2.30	0	D	71.6	8.0	17.4	0.0	15.0	0.0	31.2
1718	17645121.58	4846252.54	2.30	0	D	71.6	8.0	13.5	0.0	15.0	0.0	35.1
1721	17645173.65	4846267.64	2.30	0	D	71.6	8.0	20.6	0.0	15.0	0.0	28.0
1760	17644549.43	4846082.11	4.44	0	D	78.6	7.7	20.9	0.0	15.0	0.0	35.1
1764	17644576.47	4846090.76	4.44	0	D	78.6	7.7	25.2	0.0	15.0	0.0	30.8
1768	17644596.62	4846097.21	4.44	0	D	78.6	7.7	21.6	0.0	15.0	0.0	34.4
1771	17644637.40	4846110.26	4.44	0	D	78.6	7.7	17.4	0.0	15.0	0.0	38.6
1775	17645264.29	4846293.70	4.44	0	D	78.6	7.9	19.2	0.0	15.0	0.0	36.5
1777	17645305.35	4846305.56	4.44	0	D	78.6	7.9	23.5	0.0	15.0	0.0	32.3
1779	17645340.03	4846315.57	4.44	0	D	78.6	7.9	21.9	0.0	15.0	0.0	33.8
1782	17645409.83	4846335.73	4.44	0	D	78.6	7.9	19.7	0.0	15.0	0.0	36.0
1785	17644708.17	4846131.79	2.61	0	D	71.1	8.0	12.7	0.0	15.0	0.0	35.4
1789	17644778.38	4846152.45	2.61	0	D	71.1	8.0	12.1	0.0	15.0	0.0	36.1
1792	17644832.90	4846168.49	2.61	0	D	71.1	8.0	9.3	0.0	15.0	0.0	38.8
1795	17644880.62	4846182.54	2.61	0	D	71.1	8.0	9.0	0.0	15.0	0.0	39.1
1798	17644901.69	4846188.74	2.61	0	D	71.1	8.0	20.8	0.0	14.9	0.0	27.4
1801	17644906.82	4846190.25	2.61	0	D	71.1	8.0	15.6	0.0	14.6	0.0	32.9
1804	17644544.01	4846080.38	2.30	0	D	71.6	7.7	22.4	0.0	15.0	0.0	26.5
1807	17644564.44	4846086.91	2.30	0	D	71.6	7.7	26.3	0.0	15.0	0.0	22.6
1810	17644590.01	4846095.10	2.30	0	D	71.6	7.7	20.0	0.0	15.0	0.0	28.9
1813	17644637.40	4846110.26	2.30	0	D	71.6	7.7	17.4	0.0	15.0	0.0	31.5
1817	17645264.29	4846293.70	2.30	0	D	71.6	7.9	19.2	0.0	15.0	0.0	29.5
1820	17645305.35	4846305.56	2.30	0	D	71.6	7.9	23.4	0.0	15.0	0.0	25.2
1823	17645340.03	4846315.57	2.30	0	D	71.6	7.9	21.9	0.0	15.0	0.0	26.7
1825	17645409.83	4846335.73	2.30	0	D	71.6	7.9	19.7	0.0	15.0	0.0	29.0
1887	17644912.96	4846192.04	2.61	0	D	71.1	7.9	18.2	0.0	14.1	0.0	30.8
1890	17644919.50	4846193.94	2.61	0	D	71.1	7.9	15.3	0.0	13.7	0.0	34.1
1893	17644938.60	4846199.48	2.61	0	D	71.1	7.9	10.4	0.0	12.7	0.0	40.1
1896	17644964.60	4846207.02	2.61	0	D	71.1	7.9	12.5	0.0	11.5	0.0	39.1
1899	17644991.82	4846214.91	2.61	0	D	71.1	7.9	12.2	0.0	15.0	0.0	36.0
1902	17645033.77	4846227.07	2.61	0	D	71.1	7.9	12.0	0.0	15.0	0.0	36.2
1954	17644458.98	4846047.10	4.44	0	D	78.6	5.9	24.2	0.0	15.0	0.0	33.5
1957	17644504.89	4846065.77	4.44	0	D	78.6	5.9	22.8	0.0	15.0	0.0	34.9
1963	17644458.98	4846047.10	2.30	0	D	71.6	6.0	24.1	0.0	15.0	0.0	26.5
1966	17644504.89	4846065.77	2.30	0	D	71.6	6.0	22.8	0.0	15.0	0.0	27.8
1969	17644386.14	4846013.66	4.44	0	D	78.6	3.2	24.4	0.0	15.0	0.0	36.1
1985	17645201.71	4846275.58	4.44	0	D	78.6	7.9	29.2	0.0	15.0	0.0	26.5
1988	17645219.92	4846280.87	4.44	0	D	78.6	7.9	20.5	0.0	15.0	0.0	35.2
2007	17644386.14	4846013.66	2.30	0	D	71.6	3.4	24.2	0.0	15.0	0.0	29.0
2040	17645201.71	4846275.58	2.30	0	D	71.6	8.0	29.2	0.0	15.0	0.0	19.4
2042	17645219.92	4846280.87	2.30	0	D	71.6	8.0	20.5	0.0	15.0	0.0	28.2
2089	17644141.64	4845873.31	4.44	0	D	78.6	6.2	24.2	0.0	15.0	0.0	33.3
2102	17645068.59	4846237.17	2.61	0	D	71.1	8.0	18.2	0.0	15.0	0.0	29.9
2104	17645119.73	4846252.00	2.61	0	D	71.1	8.0	13.2	0.0	15.0	0.0	34.9
2106	17645173.65	4846267.64	2.61	0	D	71.1	8.0	20.7	0.0	15.0	0.0	27.5
2112	17644304.73	4845972.37	4.44	0	D	78.6	1.7	29.3	0.0	15.0	0.0	32.6
2118	17645554.03	4846377.97	4.44	0	D	78.6	8.2	29.0	0.0	15.0	0.0	26.4
2126	17645585.60	4846387.44	4.44	0	D	78.6	8.2	27.7	0.0	15.0	0.0	27.7
2144	17644138.67	4845871.40	2.30	0	D	71.6	6.2	24.4	0.0	15.0	0.0	25.9
2157	17645192.54	4846273.02	4.44	0	D	78.6	7.8	23.5	0.0	15.0	0.0	32.4
2178	17645474.67	4846354.63	4.44	0	D	78.6	8.2	25.0	0.0	15.0	0.0	30.4
2181	17645500.01	4846362.23	4.44	0	D	78.6	8.2	28.3	0.0	15.0	0.0	27.1
2239	17644304.73	4845972.37	2.30	0	D	71.6	2.1	29.0	0.0	15.0	0.0	25.5
2246	17645554.03	4846377.97	2.30	0	D	71.6	8.2	29.0	0.0	15.0	0.0	19.4
2256	17645583.93	4846386.93	2.30	0	D	71.6	8.2	28.3	0.0	15.0	0.0	20.1
2292	17645192.54	4846273.02	2.30	0	D	71.6	7.8	23.4	0.0	15.0	0.0	25.3
2322	17645474.67	4846354.63	2.30	0	D	71.6	8.2	25.0	0.0	15.0	0.0	23.3
2325	17645500.01	4846362.23	2.30	0	D	71.6	8.2	28.3	0.0	15.0	0.0	20.1
2381	17644243.93	4845937.82	4.44	0	D	78.6	3.6	33.1	0.0	15.0	0.0	27.0
2383	17644264.22	4845949.70	4.44	0	D	78.6	3.6	32.8	0.0	15.0	0.0	27.3

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2387	17644545.73	4846080.93	2.61	0	D	71.1	7.7	21.9	0.0	15.0	0.0	26.5
2391	17644590.01	4846095.10	2.61	0	D	71.1	7.7	20.0	0.0	15.0	0.0	28.4
2393	17644637.40	4846110.26	2.61	0	D	71.1	7.7	17.4	0.0	15.0	0.0	31.0
2412	17645264.29	4846293.70	2.61	0	D	71.1	7.9	19.2	0.0	15.0	0.0	29.0
2416	17645340.03	4846315.57	2.61	0	D	71.1	7.9	21.9	0.0	15.0	0.0	26.2
2418	17645409.83	4846335.73	2.61	0	D	71.1	7.9	19.7	0.0	15.0	0.0	28.5
2420	17645634.28	4846402.24	4.44	0	D	78.6	8.4	25.4	0.0	15.0	0.0	29.8
2434	17644254.08	4845943.76	2.30	0	D	71.6	3.7	29.8	0.0	15.0	0.0	23.1
2439	17644215.37	4845920.45	4.44	0	D	78.6	5.3	29.3	0.0	15.0	0.0	29.0
2451	17645634.28	4846402.24	2.30	0	D	71.6	8.5	25.4	0.0	15.0	0.0	22.8
2480	17644215.37	4845920.45	2.30	0	D	71.6	5.4	29.3	0.0	15.0	0.0	21.9
2484	17645522.17	4846368.64	2.30	0	D	71.6	7.8	29.9	0.0	15.0	0.0	18.9
2509	17644504.89	4846065.77	2.61	0	D	71.1	5.9	22.8	0.0	15.0	0.0	27.4
2535	17644386.14	4846013.66	2.61	0	D	71.1	3.3	24.2	0.0	15.0	0.0	28.5
2553	17645219.92	4846280.87	2.61	0	D	71.1	8.0	20.5	0.0	15.0	0.0	27.7

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1443	17645033.46	4846214.50	2.30	0	D	71.5	8.4	16.2	0.0	15.0	0.0	31.9
1445	17645005.64	4846206.81	2.30	0	D	71.5	8.4	12.2	0.0	15.0	0.0	35.9
1447	17644974.62	4846198.23	2.30	0	D	71.5	8.4	12.4	0.0	10.5	0.0	40.1
1449	17644957.33	4846193.45	2.30	0	D	71.5	8.4	16.3	0.0	11.2	0.0	35.6
1451	17644940.71	4846188.85	2.30	0	D	71.5	8.4	11.6	0.0	11.9	0.0	39.6
1454	17644923.74	4846184.16	2.30	0	D	71.5	8.4	15.2	0.0	12.7	0.0	35.1
1456	17644912.01	4846180.92	2.30	0	D	71.5	8.4	13.7	0.0	13.4	0.0	36.0
1458	17644903.82	4846178.66	2.30	0	D	71.5	8.4	20.8	0.0	13.8	0.0	28.4
1460	17644880.50	4846172.21	2.30	0	D	71.5	8.4	9.0	0.0	15.0	0.0	39.1
1462	17644828.23	4846157.75	2.30	0	D	71.5	8.4	9.3	0.0	15.0	0.0	38.7
1464	17644769.53	4846141.52	2.30	0	D	71.5	8.4	12.1	0.0	15.0	0.0	36.0
1466	17644703.87	4846123.36	2.30	0	D	71.5	8.4	13.3	0.0	15.0	0.0	34.8
1489	17645033.46	4846214.50	4.44	0	D	78.6	8.4	16.2	0.0	15.0	0.0	39.1
1491	17645005.64	4846206.81	4.44	0	D	78.6	8.4	12.2	0.0	15.0	0.0	43.1
1495	17644974.62	4846198.23	4.44	0	D	78.6	8.4	12.4	0.0	9.5	0.0	48.3
1498	17644957.33	4846193.45	4.44	0	D	78.6	8.4	16.3	0.0	10.2	0.0	43.7
1500	17644940.71	4846188.85	4.44	0	D	78.6	8.4	11.6	0.0	10.9	0.0	47.8
1503	17644923.74	4846184.16	4.44	0	D	78.6	8.4	15.2	0.0	11.7	0.0	43.3
1505	17644912.01	4846180.92	4.44	0	D	78.6	8.4	13.6	0.0	12.4	0.0	44.2
1507	17644903.82	4846178.66	4.44	0	D	78.6	8.4	20.8	0.0	12.8	0.0	36.6
1513	17644880.50	4846172.21	4.44	0	D	78.6	8.4	9.0	0.0	15.0	0.0	46.3
1515	17644828.23	4846157.75	4.44	0	D	78.6	8.4	9.3	0.0	15.0	0.0	45.9
1517	17644769.53	4846141.52	4.44	0	D	78.6	8.4	12.1	0.0	15.0	0.0	43.2
1519	17644703.87	4846123.36	4.44	0	D	78.6	8.4	13.3	0.0	15.0	0.0	41.9
1568	17645033.46	4846214.50	2.61	0	D	77.1	8.4	16.2	0.0	15.0	0.0	37.5
1570	17645005.64	4846206.81	2.61	0	D	77.1	8.4	12.2	0.0	15.0	0.0	41.5
1572	17644974.62	4846198.23	2.61	0	D	77.1	8.4	12.4	0.0	10.4	0.0	45.9
1574	17644957.33	4846193.45	2.61	0	D	77.1	8.4	16.3	0.0	11.0	0.0	41.3
1576	17644940.71	4846188.85	2.61	0	D	77.1	8.4	11.6	0.0	11.8	0.0	45.4
1578	17644923.74	4846184.16	2.61	0	D	77.1	8.4	15.2	0.0	12.6	0.0	40.9
1581	17644912.01	4846180.92	2.61	0	D	77.1	8.4	13.7	0.0	13.2	0.0	41.8
1583	17644903.82	4846178.66	2.61	0	D	77.1	8.4	20.8	0.0	13.7	0.0	34.2
1585	17644880.50	4846172.21	2.61	0	D	77.1	8.4	9.0	0.0	15.0	0.0	44.7
1587	17644828.23	4846157.75	2.61	0	D	77.1	8.4	9.3	0.0	15.0	0.0	44.4
1589	17644769.53	4846141.52	2.61	0	D	77.1	8.4	12.1	0.0	15.0	0.0	41.6
1592	17644703.87	4846123.36	2.61	0	D	77.1	8.4	13.3	0.0	15.0	0.0	40.4
1863	17644627.88	4846100.43	2.30	0	D	71.5	7.9	15.9	0.0	15.0	0.0	32.6
1866	17644571.27	4846081.98	2.30	0	D	71.5	7.9	20.8	0.0	15.0	0.0	27.7
1870	17644549.10	4846074.75	2.30	0	D	71.5	7.9	27.5	0.0	15.0	0.0	21.1
1873	17644538.10	4846071.17	2.30	0	D	71.5	7.9	25.9	0.0	15.0	0.0	22.7
1876	17644627.88	4846100.43	4.44	0	D	78.6	7.9	16.0	0.0	15.0	0.0	39.8
1879	17644583.35	4846085.92	4.44	0	D	78.6	7.9	25.5	0.0	15.0	0.0	30.3
1882	17644561.18	4846078.69	4.44	0	D	78.6	7.9	21.5	0.0	15.0	0.0	34.3
1885	17644538.10	4846071.17	4.44	0	D	78.6	7.9	25.9	0.0	15.0	0.0	29.8

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1940	17644627.88	4846100.43	2.61	0	D	77.1	7.9	15.9	0.0	15.0	0.0	38.2
1946	17644572.99	4846082.54	2.61	0	D	77.1	7.9	21.2	0.0	15.0	0.0	33.0
1948	17644550.82	4846075.31	2.61	0	D	77.1	7.9	26.0	0.0	15.0	0.0	28.2
1950	17644538.10	4846071.17	2.61	0	D	77.1	7.9	25.9	0.0	15.0	0.0	28.3
2001	17644485.48	4846050.83	2.30	0	D	71.5	6.6	19.7	0.0	15.0	0.0	30.1
2028	17644485.48	4846050.83	4.44	0	D	78.6	6.6	19.8	0.0	15.0	0.0	37.2
2048	17644386.49	4846008.25	2.30	0	D	71.5	4.7	23.1	0.0	15.0	0.0	28.7
2081	17644485.48	4846050.83	2.61	0	D	77.1	6.6	19.7	0.0	15.0	0.0	35.7
2087	17644386.49	4846008.25	4.44	0	D	78.6	4.6	23.2	0.0	15.0	0.0	35.8
2140	17644386.49	4846008.25	2.61	0	D	77.1	4.7	23.1	0.0	15.0	0.0	34.3
2331	17644306.82	4845968.87	2.30	0	D	71.5	1.8	29.3	0.0	15.0	0.0	25.4
2424	17644306.82	4845968.87	4.44	0	D	78.6	1.4	29.7	0.0	15.0	0.0	32.5
2455	17644306.82	4845968.87	2.61	0	D	77.1	1.7	29.3	0.0	15.0	0.0	31.0

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1595	17645044.48	4846217.75	4.44	0	D	84.6	8.5	25.3	0.0	15.0	0.0	35.8
1597	17645076.61	4846227.45	4.44	0	D	84.6	8.5	12.6	0.0	15.0	0.0	48.5
1599	17645138.33	4846246.10	4.44	0	D	84.6	8.5	14.8	0.0	15.0	0.0	46.3
1601	17645181.05	4846259.00	4.44	0	D	84.6	8.5	20.2	0.0	15.0	0.0	40.9
1603	17645214.33	4846269.06	4.44	0	D	84.6	8.5	18.6	0.0	15.0	0.0	42.6
1665	17645057.55	4846221.69	2.30	0	D	71.5	8.5	15.2	0.0	15.0	0.0	32.7
1668	17645120.54	4846240.72	2.30	0	D	71.5	8.5	12.1	0.0	15.0	0.0	35.9
1671	17645181.05	4846259.00	2.30	0	D	71.5	8.5	20.2	0.0	15.0	0.0	27.7
1675	17645214.33	4846269.06	2.30	0	D	71.5	8.5	18.5	0.0	15.0	0.0	29.4
1735	17645055.68	4846221.13	2.61	0	D	77.1	8.5	15.8	0.0	15.0	0.0	37.8
1738	17645118.67	4846240.16	2.61	0	D	77.1	8.5	11.9	0.0	15.0	0.0	41.7
1741	17645181.05	4846259.00	2.61	0	D	77.1	8.5	20.2	0.0	15.0	0.0	33.3
1744	17645214.33	4846269.06	2.61	0	D	77.1	8.5	18.5	0.0	15.0	0.0	35.0
1827	17645313.69	4846300.76	4.44	0	D	84.6	8.7	24.7	0.0	15.0	0.0	36.2
1830	17645334.31	4846307.33	4.44	0	D	84.6	8.7	23.5	0.0	15.0	0.0	37.4
1833	17645366.66	4846317.65	4.44	0	D	84.6	8.7	21.9	0.0	15.0	0.0	39.0
1836	17645402.40	4846329.04	4.44	0	D	84.6	8.7	23.7	0.0	15.0	0.0	37.3
1860	17645270.53	4846286.81	4.44	0	D	84.6	8.8	17.5	0.0	15.0	0.0	43.3
1909	17645487.52	4846354.49	4.44	0	D	84.6	8.2	22.9	0.0	15.0	0.0	38.6
1912	17645528.80	4846366.59	4.44	0	D	84.6	8.2	27.1	0.0	15.0	0.0	34.3
1915	17645548.22	4846372.28	4.44	0	D	84.6	8.2	29.9	0.0	15.0	0.0	31.5
1918	17645563.54	4846376.76	4.44	0	D	84.6	8.2	29.3	0.0	15.0	0.0	32.1
1921	17645580.93	4846381.86	4.44	0	D	84.6	8.2	29.2	0.0	15.0	0.0	32.2
1972	17645313.69	4846300.76	2.30	0	D	71.5	8.7	24.7	0.0	15.0	0.0	23.1
1976	17645334.31	4846307.33	2.30	0	D	71.5	8.7	23.5	0.0	15.0	0.0	24.3
1979	17645366.66	4846317.65	2.30	0	D	71.5	8.7	21.9	0.0	15.0	0.0	25.9
1982	17645402.40	4846329.04	2.30	0	D	71.5	8.7	23.6	0.0	15.0	0.0	24.1
2004	17645270.53	4846286.81	2.30	0	D	71.5	8.8	17.5	0.0	15.0	0.0	30.2
2011	17645593.86	4846385.77	4.44	0	D	84.6	9.0	32.2	0.0	15.0	0.0	28.5
2017	17645610.88	4846391.31	4.44	0	D	84.6	9.0	27.7	0.0	15.0	0.0	32.9
2023	17645629.68	4846397.43	4.44	0	D	84.6	9.0	34.5	0.0	15.0	0.0	26.1
2025	17645650.61	4846404.24	4.44	0	D	84.6	9.0	26.1	0.0	15.0	0.0	34.5
2031	17645438.36	4846340.04	4.44	0	D	84.6	8.2	23.6	0.0	15.0	0.0	37.8
2050	17645313.69	4846300.76	2.61	0	D	77.1	8.7	24.7	0.0	15.0	0.0	28.7
2052	17645334.31	4846307.33	2.61	0	D	77.1	8.7	23.5	0.0	15.0	0.0	29.9
2054	17645366.66	4846317.65	2.61	0	D	77.1	8.7	21.9	0.0	15.0	0.0	31.5
2056	17645402.40	4846329.04	2.61	0	D	77.1	8.7	23.6	0.0	15.0	0.0	29.7
2059	17645487.52	4846354.49	2.30	0	D	71.5	8.2	22.9	0.0	15.0	0.0	25.4
2061	17645528.80	4846366.59	2.30	0	D	71.5	8.2	27.1	0.0	15.0	0.0	21.2
2065	17645563.54	4846376.76	2.30	0	D	71.5	8.2	29.3	0.0	15.0	0.0	19.0
2067	17645580.93	4846381.86	2.30	0	D	71.5	8.2	29.2	0.0	15.0	0.0	19.1
2083	17645270.53	4846286.81	2.61	0	D	77.1	8.8	17.5	0.0	15.0	0.0	35.8
2160	17645487.52	4846354.49	2.61	0	D	77.1	8.2	22.9	0.0	15.0	0.0	31.0
2163	17645528.80	4846366.59	2.61	0	D	77.1	8.2	27.1	0.0	15.0	0.0	26.8
2402	17645610.88	4846391.31	2.30	0	D	71.5	9.0	27.7	0.0	15.0	0.0	19.8
2408	17645650.61	4846404.24	2.30	0	D	71.5	9.0	26.1	0.0	15.0	0.0	21.4

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2428	17645438.36	4846340.04	2.30	0	D	71.5	8.3	23.6	0.0	15.0	0.0	24.7
2471	17645650.61	4846404.24	2.61	0	D	77.1	9.0	26.1	0.0	15.0	0.0	27.0
2475	17645438.36	4846340.04	2.61	0	D	77.1	8.3	23.6	0.0	15.0	0.0	30.3

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1695	17645073.44	4846244.25	2.30	0	D	71.5	7.8	17.2	0.0	15.0	0.0	31.6
1698	17645114.87	4846256.54	2.30	0	D	71.5	7.8	14.9	0.0	15.0	0.0	33.9
1701	17645162.95	4846270.80	2.30	0	D	71.5	7.8	18.4	0.0	15.0	0.0	30.3
1704	17645208.18	4846284.22	2.30	0	D	71.5	7.8	18.2	0.0	15.0	0.0	30.5
1725	17645102.74	4846252.94	4.44	0	D	78.6	7.7	12.9	0.0	15.0	0.0	43.0
1728	17645162.95	4846270.80	4.44	0	D	78.6	7.7	18.4	0.0	15.0	0.0	37.4
1731	17645208.18	4846284.22	4.44	0	D	78.6	7.7	18.2	0.0	15.0	0.0	37.6
1747	17645071.58	4846243.69	2.61	0	D	77.1	7.8	17.8	0.0	15.0	0.0	36.5
1750	17645113.01	4846255.99	2.61	0	D	77.1	7.8	14.5	0.0	15.0	0.0	39.8
1753	17645162.95	4846270.80	2.61	0	D	77.1	7.8	18.4	0.0	15.0	0.0	35.9
1756	17645208.18	4846284.22	2.61	0	D	77.1	7.8	18.2	0.0	15.0	0.0	36.1
2033	17645249.31	4846296.17	2.30	0	D	71.5	7.5	22.1	0.0	15.0	0.0	26.9
2035	17645276.62	4846303.79	2.30	0	D	71.5	7.5	23.4	0.0	15.0	0.0	25.6
2069	17645249.31	4846296.17	4.44	0	D	78.6	7.5	22.1	0.0	15.0	0.0	34.0
2072	17645276.62	4846303.79	4.44	0	D	78.6	7.5	23.4	0.0	15.0	0.0	32.7
2091	17645249.31	4846296.17	2.61	0	D	77.1	7.5	22.1	0.0	15.0	0.0	32.5
2093	17645276.62	4846303.79	2.61	0	D	77.1	7.5	23.4	0.0	15.0	0.0	31.2
2108	17645329.88	4846318.01	2.30	0	D	71.5	7.8	28.3	0.0	15.0	0.0	20.4
2110	17645358.70	4846326.54	2.30	0	D	71.5	7.8	21.9	0.0	15.0	0.0	26.7
2185	17645329.88	4846318.01	4.44	0	D	78.6	7.8	28.3	0.0	15.0	0.0	27.5
2188	17645358.70	4846326.54	4.44	0	D	78.6	7.8	21.9	0.0	15.0	0.0	33.9
2198	17645472.04	4846358.94	2.30	0	D	71.5	7.6	27.1	0.0	15.0	0.0	21.9
2201	17645491.02	4846364.30	2.30	0	D	71.5	7.6	29.8	0.0	15.0	0.0	19.1
2205	17645506.06	4846368.55	2.30	0	D	71.5	7.6	29.3	0.0	15.0	0.0	19.7
2208	17645523.59	4846373.51	2.30	0	D	71.5	7.6	28.9	0.0	15.0	0.0	20.0
2221	17645556.20	4846382.92	2.30	0	D	71.5	7.8	27.7	0.0	15.0	0.0	21.0
2228	17645589.47	4846392.64	2.30	0	D	71.5	7.8	29.9	0.0	15.0	0.0	18.8
2230	17645615.65	4846400.29	2.30	0	D	71.5	7.8	27.1	0.0	15.0	0.0	21.5
2235	17645358.70	4846326.54	2.61	0	D	77.1	7.8	21.9	0.0	15.0	0.0	32.3
2278	17645472.04	4846358.94	4.44	0	D	78.6	7.5	27.1	0.0	15.0	0.0	29.0
2280	17645491.02	4846364.30	4.44	0	D	78.6	7.5	29.9	0.0	15.0	0.0	26.2
2283	17645506.06	4846368.55	4.44	0	D	78.6	7.5	29.3	0.0	15.0	0.0	26.8
2296	17645308.63	4846312.36	2.30	0	D	71.5	7.1	23.4	0.0	15.0	0.0	26.0
2306	17645556.20	4846382.92	4.44	0	D	78.6	7.8	27.7	0.0	15.0	0.0	28.1
2315	17645606.99	4846397.75	4.44	0	D	78.6	7.8	25.3	0.0	15.0	0.0	30.5
2337	17645472.04	4846358.94	2.61	0	D	77.1	7.6	27.1	0.0	15.0	0.0	27.5
2363	17645556.20	4846382.92	2.61	0	D	77.1	7.8	27.7	0.0	15.0	0.0	26.6
2374	17645610.32	4846398.73	2.61	0	D	77.1	7.8	25.9	0.0	15.0	0.0	28.4
2385	17645308.63	4846312.36	4.44	0	D	78.6	7.0	23.4	0.0	15.0	0.0	33.1
2410	17645401.86	4846339.31	2.30	0	D	71.5	7.8	23.6	0.0	15.0	0.0	25.0
2426	17645308.63	4846312.36	2.61	0	D	77.1	7.1	23.4	0.0	15.0	0.0	31.6
2430	17645401.86	4846339.31	4.44	0	D	78.6	7.8	23.7	0.0	15.0	0.0	32.1
2437	17645439.06	4846349.85	2.30	0	D	71.5	7.2	25.2	0.0	15.0	0.0	24.1
2457	17645401.86	4846339.31	2.61	0	D	77.1	7.8	23.6	0.0	15.0	0.0	30.6
2459	17645439.06	4846349.85	4.44	0	D	78.6	7.2	25.2	0.0	15.0	0.0	31.2
2477	17645439.06	4846349.85	2.61	0	D	77.1	7.2	25.2	0.0	15.0	0.0	29.7

Receiver
Name: OLA02
ID: OLA02
X: 17644958.52 m
Y: 4846307.65 m
Z: 24.75 m

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
97	17645043.36	4846621.10	0.10	0	D	315	45.3	-33.2	0.0	1.8	0.0	0.0	10.3
97	17645043.36	4846621.10	0.10	0	D	400	47.2	-33.2	0.0	2.3	0.0	0.0	11.7
97	17645043.36	4846621.10	0.10	0	D	500	49.0	-33.2	0.0	3.5	0.0	0.0	12.3
97	17645043.36	4846621.10	0.10	0	D	630	49.7	-33.2	0.0	4.1	0.0	0.0	12.5
97	17645043.36	4846621.10	0.10	0	D	800	52.0	-33.2	0.0	4.7	0.0	0.0	14.1
97	17645043.36	4846621.10	0.10	0	D	1000	52.9	-33.2	0.0	5.8	0.0	0.0	13.9
97	17645043.36	4846621.10	0.10	0	D	1250	52.8	-33.2	0.0	6.8	0.0	0.0	12.8
97	17645043.36	4846621.10	0.10	0	D	1600	52.1	-33.2	0.0	8.6	0.0	0.0	10.3
123	17645020.86	4846585.66	0.10	0	D	63	33.6	-23.5	0.0	-0.7	0.0	0.0	10.7
123	17645020.86	4846585.66	0.10	0	D	80	38.0	-23.5	0.0	-0.6	0.0	0.0	15.0
123	17645020.86	4846585.66	0.10	0	D	100	39.9	-23.5	0.0	-0.5	0.0	0.0	16.9
123	17645020.86	4846585.66	0.10	0	D	125	40.8	-23.5	0.0	-0.3	0.0	0.0	17.6
123	17645020.86	4846585.66	0.10	0	D	160	41.6	-23.5	0.0	0.0	0.0	0.0	18.1
123	17645020.86	4846585.66	0.10	0	D	200	42.5	-23.5	0.0	0.6	0.0	0.0	18.4
123	17645020.86	4846585.66	0.10	0	D	250	43.7	-23.5	0.0	1.6	0.0	0.0	18.6
123	17645020.86	4846585.66	0.10	0	D	315	45.3	-23.5	0.0	2.4	0.0	0.0	19.4
123	17645020.86	4846585.66	0.10	0	D	400	47.2	-23.5	0.0	3.3	0.0	0.0	20.4
123	17645020.86	4846585.66	0.10	0	D	500	49.0	-23.5	0.0	3.4	0.0	0.0	22.0
123	17645020.86	4846585.66	0.10	0	D	630	49.7	-23.5	0.0	4.5	0.0	0.0	21.7
123	17645020.86	4846585.66	0.10	0	D	800	52.0	-23.5	0.0	5.6	0.0	0.0	22.9
123	17645020.86	4846585.66	0.10	0	D	1000	52.9	-23.5	0.0	6.4	0.0	0.0	23.0
123	17645020.86	4846585.66	0.10	0	D	1250	52.8	-23.5	0.0	7.7	0.0	0.0	21.6
123	17645020.86	4846585.66	0.10	0	D	1600	52.1	-23.5	0.0	8.7	0.0	0.0	19.9
123	17645020.86	4846585.66	0.10	0	D	2000	51.8	-23.5	0.0	10.9	0.0	0.0	17.4
123	17645020.86	4846585.66	0.10	0	D	2500	50.3	-23.5	0.0	13.3	0.0	0.0	13.5
148	17644981.45	4846523.57	0.10	0	D	63	33.6	-21.1	0.0	-0.3	0.0	0.0	12.8
148	17644981.45	4846523.57	0.10	0	D	80	38.0	-21.1	0.0	-0.2	0.0	0.0	17.1
148	17644981.45	4846523.57	0.10	0	D	100	39.9	-21.1	0.0	-0.1	0.0	0.0	18.8
148	17644981.45	4846523.57	0.10	0	D	125	40.8	-21.1	0.0	0.2	0.0	0.0	19.5
148	17644981.45	4846523.57	0.10	0	D	160	41.6	-21.1	0.0	0.7	0.0	0.0	19.7
148	17644981.45	4846523.57	0.10	0	D	200	42.5	-21.1	0.0	1.6	0.0	0.0	19.7
148	17644981.45	4846523.57	0.10	0	D	250	43.7	-21.1	0.0	3.6	0.0	0.0	19.0
148	17644981.45	4846523.57	0.10	0	D	315	45.3	-21.1	0.0	3.3	0.0	0.0	20.9
148	17644981.45	4846523.57	0.10	0	D	400	47.2	-21.1	0.0	4.0	0.0	0.0	22.0
148	17644981.45	4846523.57	0.10	0	D	500	49.0	-21.1	0.0	4.5	0.0	0.0	23.3
148	17644981.45	4846523.57	0.10	0	D	630	49.7	-21.1	0.0	6.0	0.0	0.0	22.6
148	17644981.45	4846523.57	0.10	0	D	800	52.0	-21.1	0.0	6.8	0.0	0.0	24.1
148	17644981.45	4846523.57	0.10	0	D	1000	52.9	-21.1	0.0	7.6	0.0	0.0	24.2
148	17644981.45	4846523.57	0.10	0	D	1250	52.8	-21.1	0.0	9.0	0.0	0.0	22.7
148	17644981.45	4846523.57	0.10	0	D	1600	52.1	-21.1	0.0	11.1	0.0	0.0	19.8
148	17644981.45	4846523.57	0.10	0	D	2000	51.8	-21.1	0.0	13.0	0.0	0.0	17.7
148	17644981.45	4846523.57	0.10	0	D	2500	50.3	-21.1	0.0	15.7	0.0	0.0	13.5
163	17644946.01	4846467.75	0.10	0	D	63	33.6	-19.5	0.0	0.4	0.0	0.0	13.6
163	17644946.01	4846467.75	0.10	0	D	80	38.0	-19.5	0.0	0.5	0.0	0.0	17.9
163	17644946.01	4846467.75	0.10	0	D	100	39.9	-19.5	0.0	0.7	0.0	0.0	19.7
163	17644946.01	4846467.75	0.10	0	D	125	40.8	-19.5	0.0	0.9	0.0	0.0	20.4
163	17644946.01	4846467.75	0.10	0	D	160	41.6	-19.5	0.0	1.4	0.0	0.0	20.7
163	17644946.01	4846467.75	0.10	0	D	200	42.5	-19.5	0.0	2.2	0.0	0.0	20.8
163	17644946.01	4846467.75	0.10	0	D	250	43.7	-19.5	0.0	3.9	0.0	0.0	20.3
163	17644946.01	4846467.75	0.10	0	D	315	45.3	-19.5	0.0	5.7	0.0	0.0	20.1
163	17644946.01	4846467.75	0.10	0	D	400	47.2	-19.5	0.0	5.4	0.0	0.0	22.3
163	17644946.01	4846467.75	0.10	0	D	500	49.0	-19.5	0.0	6.3	0.0	0.0	23.2

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
163	17644946.01	4846467.75	0.10	0	D	630	49.7	-19.5	0.0	7.2	0.0	0.0	23.0
163	17644946.01	4846467.75	0.10	0	D	800	52.0	-19.5	0.0	8.3	0.0	0.0	24.2
163	17644946.01	4846467.75	0.10	0	D	1000	52.9	-19.5	0.0	9.5	0.0	0.0	23.9
163	17644946.01	4846467.75	0.10	0	D	1250	52.8	-19.5	0.0	10.9	0.0	0.0	22.4
163	17644946.01	4846467.75	0.10	0	D	1600	52.1	-19.5	0.0	12.8	0.0	0.0	19.8
163	17644946.01	4846467.75	0.10	0	D	2000	51.8	-19.5	0.0	15.0	0.0	0.0	17.3
163	17644946.01	4846467.75	0.10	0	D	2500	50.3	-19.5	0.0	18.1	0.0	0.0	12.7
170	17644928.88	4846440.77	0.10	0	D	125	40.8	-28.7	0.0	1.7	0.0	0.0	10.4
170	17644928.88	4846440.77	0.10	0	D	160	41.6	-28.7	0.0	2.3	0.0	0.0	10.6
170	17644928.88	4846440.77	0.10	0	D	200	42.5	-28.7	0.0	3.4	0.0	0.0	10.4
170	17644928.88	4846440.77	0.10	0	D	315	45.3	-28.7	0.0	5.5	0.0	0.0	11.1
170	17644928.88	4846440.77	0.10	0	D	400	47.2	-28.7	0.0	7.6	0.0	0.0	10.9
170	17644928.88	4846440.77	0.10	0	D	500	49.0	-28.7	0.0	8.1	0.0	0.0	12.2
170	17644928.88	4846440.77	0.10	0	D	630	49.7	-28.7	0.0	8.6	0.0	0.0	12.4
170	17644928.88	4846440.77	0.10	0	D	800	52.0	-28.7	0.0	9.6	0.0	0.0	13.7
170	17644928.88	4846440.77	0.10	0	D	1000	52.9	-28.7	0.0	11.6	0.0	0.0	12.6
170	17644928.88	4846440.77	0.10	0	D	1250	52.8	-28.7	0.0	13.2	0.0	0.0	10.9
176	17644912.89	4846415.57	0.10	0	D	63	33.6	-17.1	0.0	2.8	0.0	0.0	13.7
176	17644912.89	4846415.57	0.10	0	D	80	38.0	-17.1	0.0	2.9	0.0	0.0	18.0
176	17644912.89	4846415.57	0.10	0	D	100	39.9	-17.1	0.0	3.0	0.0	0.0	19.7
176	17644912.89	4846415.57	0.10	0	D	125	40.8	-17.1	0.0	3.3	0.0	0.0	20.4
176	17644912.89	4846415.57	0.10	0	D	160	41.6	-17.1	0.0	3.7	0.0	0.0	20.7
176	17644912.89	4846415.57	0.10	0	D	200	42.5	-17.1	0.0	4.6	0.0	0.0	20.8
176	17644912.89	4846415.57	0.10	0	D	250	43.7	-17.1	0.0	6.2	0.0	0.0	20.3
176	17644912.89	4846415.57	0.10	0	D	315	45.3	-17.1	0.0	7.2	0.0	0.0	21.0
176	17644912.89	4846415.57	0.10	0	D	400	47.2	-17.1	0.0	8.1	0.0	0.0	22.0
176	17644912.89	4846415.57	0.10	0	D	500	49.0	-17.1	0.0	8.1	0.0	0.0	23.8
176	17644912.89	4846415.57	0.10	0	D	630	49.7	-17.1	0.0	8.9	0.0	0.0	23.7
176	17644912.89	4846415.57	0.10	0	D	800	52.0	-17.1	0.0	10.2	0.0	0.0	24.7
176	17644912.89	4846415.57	0.10	0	D	1000	52.9	-17.1	0.0	12.2	0.0	0.0	23.6
176	17644912.89	4846415.57	0.10	0	D	1250	52.8	-17.1	0.0	13.2	0.0	0.0	22.5
176	17644912.89	4846415.57	0.10	0	D	1600	52.1	-17.1	0.0	15.4	0.0	0.0	19.6
176	17644912.89	4846415.57	0.10	0	D	2000	51.8	-17.1	0.0	19.2	0.0	0.0	15.5
185	17644890.98	4846381.06	0.10	0	D	63	33.6	-18.8	0.0	2.9	0.0	0.0	11.9
185	17644890.98	4846381.06	0.10	0	D	80	38.0	-18.8	0.0	3.0	0.0	0.0	16.2
185	17644890.98	4846381.06	0.10	0	D	100	39.9	-18.8	0.0	3.1	0.0	0.0	18.0
185	17644890.98	4846381.06	0.10	0	D	125	40.8	-18.8	0.0	3.3	0.0	0.0	18.7
185	17644890.98	4846381.06	0.10	0	D	160	41.6	-18.8	0.0	3.8	0.0	0.0	19.1
185	17644890.98	4846381.06	0.10	0	D	200	42.5	-18.8	0.0	4.5	0.0	0.0	19.2
185	17644890.98	4846381.06	0.10	0	D	250	43.7	-18.8	0.0	5.9	0.0	0.0	19.0
185	17644890.98	4846381.06	0.10	0	D	315	45.3	-18.8	0.0	6.4	0.0	0.0	20.1
185	17644890.98	4846381.06	0.10	0	D	400	47.2	-18.8	0.0	8.5	0.0	0.0	19.9
185	17644890.98	4846381.06	0.10	0	D	500	49.0	-18.8	0.0	9.4	0.0	0.0	20.8
185	17644890.98	4846381.06	0.10	0	D	630	49.7	-18.8	0.0	9.4	0.0	0.0	21.5
185	17644890.98	4846381.06	0.10	0	D	800	52.0	-18.8	0.0	10.8	0.0	0.0	22.4
185	17644890.98	4846381.06	0.10	0	D	1000	52.9	-18.8	0.0	12.4	0.0	0.0	21.7
185	17644890.98	4846381.06	0.10	0	D	1250	52.8	-18.8	0.0	14.0	0.0	0.0	20.0
185	17644890.98	4846381.06	0.10	0	D	1600	52.1	-18.8	0.0	17.0	0.0	0.0	16.3
185	17644890.98	4846381.06	0.10	0	D	2000	51.8	-18.8	0.0	20.7	0.0	0.0	12.4
193	17644876.37	4846358.05	0.10	0	D	63	33.6	-18.5	0.0	2.6	0.0	0.0	12.4
193	17644876.37	4846358.05	0.10	0	D	80	38.0	-18.5	0.0	2.7	0.0	0.0	16.7
193	17644876.37	4846358.05	0.10	0	D	100	39.9	-18.5	0.0	2.9	0.0	0.0	18.5
193	17644876.37	4846358.05	0.10	0	D	125	40.8	-18.5	0.0	3.1	0.0	0.0	19.3
193	17644876.37	4846358.05	0.10	0	D	160	41.6	-18.5	0.0	3.5	0.0	0.0	19.6
193	17644876.37	4846358.05	0.10	0	D	200	42.5	-18.5	0.0	4.2	0.0	0.0	19.7
193	17644876.37	4846358.05	0.10	0	D	250	43.7	-18.5	0.0	5.7	0.0	0.0	19.5
193	17644876.37	4846358.05	0.10	0	D	315	45.3	-18.5	0.0	7.5	0.0	0.0	19.3
193	17644876.37	4846358.05	0.10	0	D	400	47.2	-18.5	0.0	7.5	0.0	0.0	21.2
193	17644876.37	4846358.05	0.10	0	D	500	49.0	-18.5	0.0	8.6	0.0	0.0	21.9
193	17644876.37	4846358.05	0.10	0	D	630	49.7	-18.5	0.0	10.3	0.0	0.0	20.9
193	17644876.37	4846358.05	0.10	0	D	800	52.0	-18.5	0.0	11.4	0.0	0.0	22.1
193	17644876.37	4846358.05	0.10	0	D	1000	52.9	-18.5	0.0	12.7	0.0	0.0	21.7
193	17644876.37	4846358.05	0.10	0	D	1250	52.8	-18.5	0.0	14.6	0.0	0.0	19.7

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
193	17644876.37	4846358.05	0.10	0	D	1600	52.1	-18.5	0.0	18.1	0.0	0.0	15.5
193	17644876.37	4846358.05	0.10	0	D	2000	51.8	-18.5	0.0	21.6	0.0	0.0	11.8
747	17644682.62	4846067.37	0.10	0	D	100	39.9	-29.3	0.0	-0.6	0.0	0.0	11.2
747	17644682.62	4846067.37	0.10	0	D	125	40.8	-29.3	0.0	-0.4	0.0	0.0	11.9
747	17644682.62	4846067.37	0.10	0	D	160	41.6	-29.3	0.0	0.2	0.0	0.0	12.1
747	17644682.62	4846067.37	0.10	0	D	200	42.5	-29.3	0.0	1.0	0.0	0.0	12.1
747	17644682.62	4846067.37	0.10	0	D	250	43.7	-29.3	0.0	2.9	0.0	0.0	11.5
747	17644682.62	4846067.37	0.10	0	D	315	45.3	-29.3	0.0	3.4	0.0	0.0	12.6
747	17644682.62	4846067.37	0.10	0	D	400	47.2	-29.3	0.0	3.1	0.0	0.0	14.8
747	17644682.62	4846067.37	0.10	0	D	500	49.0	-29.3	0.0	3.7	0.0	0.0	16.0
747	17644682.62	4846067.37	0.10	0	D	630	49.7	-29.3	0.0	4.4	0.0	0.0	16.0
747	17644682.62	4846067.37	0.10	0	D	800	52.0	-29.3	0.0	5.6	0.0	0.0	17.1
747	17644682.62	4846067.37	0.10	0	D	1000	52.9	-29.3	0.0	6.9	0.0	0.0	16.7
747	17644682.62	4846067.37	0.10	0	D	1250	52.8	-29.3	0.0	7.8	0.0	0.0	15.7
747	17644682.62	4846067.37	0.10	0	D	1600	52.1	-29.3	0.0	9.9	0.0	0.0	12.8
747	17644682.62	4846067.37	0.10	0	D	2000	51.8	-29.3	0.0	12.2	0.0	0.0	10.3
851	17645020.86	4846585.66	1.52	0	D	80	34.1	-23.5	0.0	-0.4	0.0	0.0	11.0
851	17645020.86	4846585.66	1.52	0	D	100	36.2	-23.5	0.0	-0.2	0.0	0.0	12.9
851	17645020.86	4846585.66	1.52	0	D	125	37.4	-23.5	0.0	0.1	0.0	0.0	13.9
851	17645020.86	4846585.66	1.52	0	D	160	38.6	-23.5	0.0	0.6	0.0	0.0	14.5
851	17645020.86	4846585.66	1.52	0	D	200	40.2	-23.5	0.0	1.6	0.0	0.0	15.1
851	17645020.86	4846585.66	1.52	0	D	250	42.4	-23.5	0.0	3.7	0.0	0.0	15.2
851	17645020.86	4846585.66	1.52	0	D	315	45.1	-23.5	0.0	5.9	0.0	0.0	15.7
851	17645020.86	4846585.66	1.52	0	D	400	48.0	-23.5	0.0	9.6	0.0	0.0	15.0
851	17645020.86	4846585.66	1.52	0	D	500	51.3	-23.5	0.0	15.4	0.0	0.0	12.4
851	17645020.86	4846585.66	1.52	0	D	800	49.7	-23.5	0.0	11.1	0.0	0.0	15.1
851	17645020.86	4846585.66	1.52	0	D	1000	50.8	-23.5	0.0	7.3	0.0	0.0	20.0
851	17645020.86	4846585.66	1.52	0	D	1250	47.0	-23.5	0.0	7.3	0.0	0.0	16.1
851	17645020.86	4846585.66	1.52	0	D	1600	47.8	-23.5	0.0	13.6	0.0	0.0	10.6
871	17644981.45	4846523.57	1.52	0	D	80	34.1	-21.1	0.0	0.0	0.0	0.0	12.9
871	17644981.45	4846523.57	1.52	0	D	100	36.2	-21.1	0.0	0.3	0.0	0.0	14.8
871	17644981.45	4846523.57	1.52	0	D	125	37.4	-21.1	0.0	0.7	0.0	0.0	15.7
871	17644981.45	4846523.57	1.52	0	D	160	38.6	-21.1	0.0	1.5	0.0	0.0	16.1
871	17644981.45	4846523.57	1.52	0	D	200	40.2	-21.1	0.0	3.0	0.0	0.0	16.1
871	17644981.45	4846523.57	1.52	0	D	250	42.4	-21.1	0.0	7.5	0.0	0.0	13.8
871	17644981.45	4846523.57	1.52	0	D	315	45.1	-21.1	0.0	10.1	0.0	0.0	13.9
871	17644981.45	4846523.57	1.52	0	D	500	51.3	-21.1	0.0	19.3	0.0	0.0	10.9
871	17644981.45	4846523.57	1.52	0	D	630	54.5	-21.1	0.0	10.6	0.0	0.0	22.7
871	17644981.45	4846523.57	1.52	0	D	800	49.7	-21.1	0.0	7.1	0.0	0.0	21.5
871	17644981.45	4846523.57	1.52	0	D	1000	50.8	-21.1	0.0	7.6	0.0	0.0	22.1
871	17644981.45	4846523.57	1.52	0	D	1600	47.8	-21.1	0.0	13.2	0.0	0.0	13.4
877	17644946.01	4846467.75	1.52	0	D	80	34.1	-19.5	0.0	1.0	0.0	0.0	13.6
877	17644946.01	4846467.75	1.52	0	D	100	36.2	-19.5	0.0	1.3	0.0	0.0	15.4
877	17644946.01	4846467.75	1.52	0	D	125	37.4	-19.5	0.0	1.7	0.0	0.0	16.2
877	17644946.01	4846467.75	1.52	0	D	160	38.6	-19.5	0.0	2.7	0.0	0.0	16.5
877	17644946.01	4846467.75	1.52	0	D	200	40.2	-19.5	0.0	4.5	0.0	0.0	16.1
877	17644946.01	4846467.75	1.52	0	D	250	42.4	-19.5	0.0	12.5	0.0	0.0	10.4
877	17644946.01	4846467.75	1.52	0	D	400	48.0	-19.5	0.0	15.0	0.0	0.0	13.6
877	17644946.01	4846467.75	1.52	0	D	500	51.3	-19.5	0.0	9.0	0.0	0.0	22.8
877	17644946.01	4846467.75	1.52	0	D	630	54.5	-19.5	0.0	7.1	0.0	0.0	27.9
877	17644946.01	4846467.75	1.52	0	D	800	49.7	-19.5	0.0	9.8	0.0	0.0	20.4
877	17644946.01	4846467.75	1.52	0	D	1250	47.0	-19.5	0.0	10.7	0.0	0.0	16.7
877	17644946.01	4846467.75	1.52	0	D	2000	43.8	-19.5	0.0	12.9	0.0	0.0	11.5
883	17644928.88	4846440.77	1.52	0	D	500	51.3	-28.7	0.0	8.4	0.0	0.0	14.2
883	17644928.88	4846440.77	1.52	0	D	630	54.5	-28.7	0.0	9.0	0.0	0.0	16.8
892	17644912.89	4846415.57	1.52	0	D	80	34.1	-17.1	0.0	3.6	0.0	0.0	13.4
892	17644912.89	4846415.57	1.52	0	D	100	36.2	-17.1	0.0	3.9	0.0	0.0	15.2
892	17644912.89	4846415.57	1.52	0	D	125	37.4	-17.1	0.0	4.4	0.0	0.0	15.9
892	17644912.89	4846415.57	1.52	0	D	160	38.6	-17.1	0.0	5.4	0.0	0.0	16.1
892	17644912.89	4846415.57	1.52	0	D	200	40.2	-17.1	0.0	7.5	0.0	0.0	15.5
892	17644912.89	4846415.57	1.52	0	D	315	45.1	-17.1	0.0	13.8	0.0	0.0	14.2
892	17644912.89	4846415.57	1.52	0	D	400	48.0	-17.1	0.0	9.2	0.0	0.0	21.6
892	17644912.89	4846415.57	1.52	0	D	500	51.3	-17.1	0.0	7.9	0.0	0.0	26.3

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
892	17644912.89	4846415.57	1.52	0	D	630	54.5	-17.1	0.0	12.9	0.0	0.0	24.4
892	17644912.89	4846415.57	1.52	0	D	800	49.7	-17.1	0.0	16.7	0.0	0.0	15.9
892	17644912.89	4846415.57	1.52	0	D	1000	50.8	-17.1	0.0	11.4	0.0	0.0	22.3
892	17644912.89	4846415.57	1.52	0	D	1600	47.8	-17.1	0.0	16.7	0.0	0.0	13.9
892	17644912.89	4846415.57	1.52	0	D	2000	43.8	-17.1	0.0	15.6	0.0	0.0	11.1
902	17644890.98	4846381.06	1.52	0	D	80	34.1	-18.8	0.0	3.9	0.0	0.0	11.4
902	17644890.98	4846381.06	1.52	0	D	100	36.2	-18.8	0.0	4.1	0.0	0.0	13.2
902	17644890.98	4846381.06	1.52	0	D	125	37.4	-18.8	0.0	4.6	0.0	0.0	14.1
902	17644890.98	4846381.06	1.52	0	D	160	38.6	-18.8	0.0	5.6	0.0	0.0	14.3
902	17644890.98	4846381.06	1.52	0	D	200	40.2	-18.8	0.0	7.5	0.0	0.0	13.9
902	17644890.98	4846381.06	1.52	0	D	315	45.1	-18.8	0.0	9.1	0.0	0.0	17.2
902	17644890.98	4846381.06	1.52	0	D	400	48.0	-18.8	0.0	8.4	0.0	0.0	20.8
902	17644890.98	4846381.06	1.52	0	D	500	51.3	-18.8	0.0	10.8	0.0	0.0	21.7
902	17644890.98	4846381.06	1.52	0	D	800	49.7	-18.8	0.0	10.5	0.0	0.0	20.5
902	17644890.98	4846381.06	1.52	0	D	1000	50.8	-18.8	0.0	19.7	0.0	0.0	12.3
902	17644890.98	4846381.06	1.52	0	D	1250	47.0	-18.8	0.0	12.2	0.0	0.0	16.0
902	17644890.98	4846381.06	1.52	0	D	1600	47.8	-18.8	0.0	15.5	0.0	0.0	13.5
914	17644876.37	4846358.05	1.52	0	D	80	34.1	-18.5	0.0	3.6	0.0	0.0	11.9
914	17644876.37	4846358.05	1.52	0	D	100	36.2	-18.5	0.0	3.9	0.0	0.0	13.8
914	17644876.37	4846358.05	1.52	0	D	125	37.4	-18.5	0.0	4.4	0.0	0.0	14.6
914	17644876.37	4846358.05	1.52	0	D	160	38.6	-18.5	0.0	5.3	0.0	0.0	14.9
914	17644876.37	4846358.05	1.52	0	D	200	40.2	-18.5	0.0	7.1	0.0	0.0	14.6
914	17644876.37	4846358.05	1.52	0	D	315	45.1	-18.5	0.0	9.6	0.0	0.0	17.0
914	17644876.37	4846358.05	1.52	0	D	400	48.0	-18.5	0.0	7.3	0.0	0.0	22.2
914	17644876.37	4846358.05	1.52	0	D	500	51.3	-18.5	0.0	10.7	0.0	0.0	22.1
914	17644876.37	4846358.05	1.52	0	D	630	54.5	-18.5	0.0	25.3	0.0	0.0	10.7
914	17644876.37	4846358.05	1.52	0	D	800	49.7	-18.5	0.0	10.6	0.0	0.0	20.6
914	17644876.37	4846358.05	1.52	0	D	1250	47.0	-18.5	0.0	12.8	0.0	0.0	15.7
914	17644876.37	4846358.05	1.52	0	D	1600	47.8	-18.5	0.0	14.8	0.0	0.0	14.4
947	17644867.58	4846344.21	1.52	0	D	630	54.5	-25.5	0.0	18.2	0.0	0.0	10.7
1534	17644682.62	4846067.37	1.52	0	D	315	45.1	-29.3	0.0	5.6	0.0	0.0	10.2
1534	17644682.62	4846067.37	1.52	0	D	400	48.0	-29.3	0.0	6.8	0.0	0.0	11.9
1534	17644682.62	4846067.37	1.52	0	D	500	51.3	-29.3	0.0	10.0	0.0	0.0	12.0

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2142	17645052.47	4846238.08	4.44	0	D	84.6	8.0	14.3	0.0	12.1	0.0	50.2
2145	17645025.30	4846230.04	4.44	0	D	84.6	8.0	9.6	0.0	12.0	0.0	55.0
2148	17644987.37	4846218.81	4.44	0	D	84.6	8.0	8.9	0.0	12.1	0.0	55.7
2152	17644965.27	4846212.27	4.44	0	D	84.6	8.0	16.8	0.0	15.0	0.0	44.8
2155	17644953.47	4846208.77	4.44	0	D	84.6	8.0	12.7	0.0	15.0	0.0	48.9
2158	17644936.95	4846203.88	4.44	0	D	84.6	8.0	13.7	0.0	15.0	0.0	47.9
2161	17644905.86	4846194.68	4.44	0	D	84.6	8.0	10.3	0.0	15.0	0.0	51.3
2165	17644851.86	4846178.70	4.44	0	D	84.6	8.0	11.5	0.0	15.0	0.0	50.1
2168	17644813.77	4846167.42	4.44	0	D	84.6	8.0	19.5	0.0	15.0	0.0	42.2
2245	17645052.47	4846238.08	2.30	0	D	71.5	8.0	14.3	0.0	13.1	0.0	36.0
2248	17645025.30	4846230.04	2.30	0	D	71.5	8.0	9.6	0.0	13.0	0.0	40.9
2251	17644987.37	4846218.81	2.30	0	D	71.5	8.0	8.9	0.0	13.0	0.0	41.6
2254	17644965.27	4846212.27	2.30	0	D	71.5	8.0	16.8	0.0	15.0	0.0	31.6
2257	17644953.47	4846208.77	2.30	0	D	71.5	8.0	12.7	0.0	15.0	0.0	35.8
2260	17644936.95	4846203.88	2.30	0	D	71.5	8.0	13.7	0.0	15.0	0.0	34.8
2262	17644905.86	4846194.68	2.30	0	D	71.5	8.0	10.3	0.0	15.0	0.0	38.2
2264	17644851.86	4846178.70	2.30	0	D	71.5	8.0	11.5	0.0	15.0	0.0	37.0
2266	17644813.77	4846167.42	2.30	0	D	71.5	8.0	19.5	0.0	15.0	0.0	29.0
2431	17645052.47	4846238.08	2.61	0	D	77.1	8.0	14.3	0.0	13.0	0.0	41.8
2433	17645025.30	4846230.04	2.61	0	D	77.1	8.0	9.6	0.0	12.9	0.0	46.6
2436	17644987.37	4846218.81	2.61	0	D	77.1	8.0	8.9	0.0	12.9	0.0	47.3
2438	17644965.27	4846212.27	2.61	0	D	77.1	8.0	16.8	0.0	15.0	0.0	37.3
2440	17644953.47	4846208.77	2.61	0	D	77.1	8.0	12.7	0.0	15.0	0.0	41.4
2442	17644936.95	4846203.88	2.61	0	D	77.1	8.0	13.7	0.0	15.0	0.0	40.4
2444	17644905.86	4846194.68	2.61	0	D	77.1	8.0	10.3	0.0	15.0	0.0	43.8
2446	17644851.86	4846178.70	2.61	0	D	77.1	8.0	11.5	0.0	15.0	0.0	42.6

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2448	17644813.77	4846167.42	2.61	0	D	77.1	8.0	19.5	0.0	15.0	0.0	34.6
2508	17644800.64	4846163.56	4.44	0	D	84.6	8.0	20.9	0.0	15.0	0.0	40.7
2511	17644788.87	4846160.13	4.44	0	D	84.6	8.0	21.3	0.0	12.3	0.0	43.0
2514	17644775.13	4846156.13	4.44	0	D	84.6	8.0	20.6	0.0	15.0	0.0	41.0
2517	17644765.86	4846153.43	4.44	0	D	84.6	8.0	28.2	0.0	15.0	0.0	33.4
2520	17644714.59	4846138.49	4.44	0	D	84.6	8.0	14.3	0.0	15.0	0.0	47.3
2634	17644659.15	4846122.16	4.44	0	D	84.6	7.6	25.8	0.0	15.0	0.0	36.2
2636	17644640.01	4846115.99	4.44	0	D	84.6	7.6	22.4	0.0	15.0	0.0	39.6
2637	17644596.53	4846101.98	4.44	0	D	84.6	7.6	20.0	0.0	15.0	0.0	42.1
2639	17644547.20	4846086.09	4.44	0	D	84.6	7.6	22.9	0.0	15.0	0.0	39.2
2652	17644800.64	4846163.56	2.30	0	D	71.5	8.0	20.9	0.0	15.0	0.0	27.5
2653	17644788.87	4846160.13	2.30	0	D	71.5	8.0	21.3	0.0	13.3	0.0	28.8
2654	17644775.13	4846156.13	2.30	0	D	71.5	8.0	20.6	0.0	15.0	0.0	27.9
2655	17644765.86	4846153.43	2.30	0	D	71.5	8.0	28.2	0.0	15.0	0.0	20.3
2656	17644714.59	4846138.49	2.30	0	D	71.5	8.0	14.3	0.0	15.0	0.0	34.1
2663	17644800.64	4846163.56	2.61	0	D	77.1	8.0	20.9	0.0	15.0	0.0	33.2
2664	17644788.87	4846160.13	2.61	0	D	77.1	8.0	21.3	0.0	13.2	0.0	34.6
2665	17644775.13	4846156.13	2.61	0	D	77.1	8.0	20.6	0.0	15.0	0.0	33.5
2667	17644714.59	4846138.49	2.61	0	D	77.1	8.0	14.3	0.0	15.0	0.0	39.7
2683	17644518.85	4846076.21	4.44	0	D	84.6	5.4	28.8	0.0	15.0	0.0	35.4
2684	17644472.72	4846057.52	4.44	0	D	84.6	5.4	23.4	0.0	15.0	0.0	40.8
2700	17644659.15	4846122.16	2.30	0	D	71.5	7.6	25.8	0.0	15.0	0.0	23.1
2701	17644626.18	4846111.54	2.30	0	D	71.5	7.6	19.7	0.0	15.0	0.0	29.2
2702	17644582.70	4846097.53	2.30	0	D	71.5	7.6	22.9	0.0	15.0	0.0	26.0
2703	17644547.20	4846086.09	2.30	0	D	71.5	7.6	22.8	0.0	15.0	0.0	26.0
2707	17644384.37	4846018.03	4.44	0	D	84.6	2.1	26.6	0.0	15.0	0.0	40.9
2719	17644659.15	4846122.16	2.61	0	D	77.1	7.6	25.8	0.0	15.0	0.0	28.7
2720	17644628.15	4846112.17	2.61	0	D	77.1	7.6	20.0	0.0	15.0	0.0	34.5
2721	17644584.68	4846098.16	2.61	0	D	77.1	7.6	22.4	0.0	15.0	0.0	32.1
2722	17644547.20	4846086.09	2.61	0	D	77.1	7.6	22.8	0.0	15.0	0.0	31.7
2728	17644174.67	4845899.59	4.44	0	D	84.6	7.5	27.4	0.0	15.0	0.0	34.7
2729	17644112.77	4845859.64	4.44	0	D	84.6	7.5	25.5	0.0	15.0	0.0	36.6
2730	17644065.85	4845829.34	4.44	0	D	84.6	7.5	33.6	0.0	15.0	0.0	28.5
2771	17644302.65	4845976.62	4.44	0	D	84.6	3.7	28.3	0.0	15.0	0.0	37.6
2776	17644518.85	4846076.21	2.30	0	D	71.5	5.5	28.7	0.0	15.0	0.0	22.3
2777	17644472.72	4846057.52	2.30	0	D	71.5	5.5	23.3	0.0	15.0	0.0	27.6
2805	17644384.37	4846018.03	2.30	0	D	71.5	2.4	26.3	0.0	15.0	0.0	27.7
2828	17644518.85	4846076.21	2.61	0	D	77.1	5.5	28.7	0.0	15.0	0.0	27.9
2829	17644472.72	4846057.52	2.61	0	D	77.1	5.5	23.3	0.0	15.0	0.0	33.3
2830	17644251.35	4845947.39	4.44	0	D	84.6	5.4	28.9	0.0	15.0	0.0	35.3
2875	17644174.67	4845899.59	2.30	0	D	71.5	7.5	27.4	0.0	15.0	0.0	21.6
2876	17644105.86	4845855.17	2.30	0	D	71.5	7.5	24.9	0.0	15.0	0.0	24.1
2880	17644384.37	4846018.03	2.61	0	D	77.1	2.4	26.4	0.0	15.0	0.0	33.4
2890	17644213.57	4845924.43	4.44	0	D	84.6	6.9	28.6	0.0	15.0	0.0	34.0
2900	17644035.27	4845810.38	4.44	0	D	84.6	6.1	30.0	0.0	15.0	0.0	33.5
2915	17644174.67	4845899.59	2.61	0	D	77.1	7.5	27.4	0.0	15.0	0.0	27.2
2916	17644105.86	4845855.17	2.61	0	D	77.1	7.5	24.9	0.0	15.0	0.0	29.7
2919	17644302.65	4845976.62	2.30	0	D	71.5	3.9	28.2	0.0	15.0	0.0	24.5
2944	17644302.65	4845976.62	2.61	0	D	77.1	3.8	28.2	0.0	15.0	0.0	30.1
2947	17644251.35	4845947.39	2.30	0	D	71.5	5.5	28.8	0.0	15.0	0.0	22.2
2951	17644213.57	4845924.43	2.30	0	D	71.5	7.0	28.6	0.0	15.0	0.0	20.9
2959	17644251.35	4845947.39	2.61	0	D	77.1	5.5	28.8	0.0	15.0	0.0	27.8
2960	17644035.27	4845810.38	2.30	0	D	71.5	6.1	30.0	0.0	15.0	0.0	20.4
2972	17644213.57	4845924.43	2.61	0	D	77.1	7.0	28.6	0.0	15.0	0.0	26.5

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2171	17645051.61	4846219.90	4.44	0	D	84.6	8.7	14.3	0.0	10.2	0.0	51.4
2174	17645072.89	4846226.33	4.44	0	D	84.6	8.7	13.2	0.0	10.2	0.0	52.5
2177	17645094.46	4846232.84	4.44	0	D	84.6	8.7	15.8	0.0	10.2	0.0	50.0
2180	17645104.80	4846235.97	4.44	0	D	84.6	8.7	23.3	0.0	15.0	0.0	37.6
2183	17645108.97	4846237.23	4.44	0	D	84.6	8.7	21.7	0.0	15.0	0.0	39.2

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2186	17645136.57	4846245.56	4.44	0	D	84.6	8.7	12.8	0.0	15.0	0.0	48.1
2189	17645177.90	4846258.05	4.44	0	D	84.6	8.7	16.2	0.0	15.0	0.0	44.7
2193	17645199.80	4846264.67	4.44	0	D	84.6	8.7	21.5	0.0	15.0	0.0	39.4
2196	17645209.96	4846267.74	4.44	0	D	84.6	8.7	22.9	0.0	15.0	0.0	38.1
2199	17645225.11	4846272.31	4.44	0	D	84.6	8.7	19.6	0.0	15.0	0.0	41.3
2464	17645051.61	4846219.90	2.30	0	D	71.5	8.7	14.3	0.0	11.2	0.0	37.3
2466	17645072.89	4846226.33	2.30	0	D	71.5	8.7	13.2	0.0	11.2	0.0	38.3
2468	17645094.46	4846232.84	2.30	0	D	71.5	8.7	15.8	0.0	11.2	0.0	35.8
2470	17645104.80	4846235.97	2.30	0	D	71.5	8.7	23.3	0.0	15.0	0.0	24.4
2472	17645108.97	4846237.23	2.30	0	D	71.5	8.7	21.7	0.0	15.0	0.0	26.0
2474	17645136.57	4846245.56	2.30	0	D	71.5	8.7	12.8	0.0	15.0	0.0	35.0
2476	17645177.90	4846258.05	2.30	0	D	71.5	8.7	16.2	0.0	15.0	0.0	31.6
2478	17645199.80	4846264.67	2.30	0	D	71.5	8.7	21.5	0.0	15.0	0.0	26.2
2481	17645209.96	4846267.74	2.30	0	D	71.5	8.7	22.8	0.0	15.0	0.0	24.9
2483	17645225.11	4846272.31	2.30	0	D	71.5	8.7	19.6	0.0	15.0	0.0	28.2
2599	17645051.61	4846219.90	2.61	0	D	77.1	8.7	14.3	0.0	11.1	0.0	43.0
2602	17645072.89	4846226.33	2.61	0	D	77.1	8.7	13.2	0.0	11.1	0.0	44.1
2605	17645094.46	4846232.84	2.61	0	D	77.1	8.7	15.8	0.0	11.1	0.0	41.5
2608	17645104.80	4846235.97	2.61	0	D	77.1	8.7	23.3	0.0	15.0	0.0	30.0
2610	17645108.97	4846237.23	2.61	0	D	77.1	8.7	21.7	0.0	15.0	0.0	31.7
2612	17645136.57	4846245.56	2.61	0	D	77.1	8.7	12.8	0.0	15.0	0.0	40.6
2614	17645177.90	4846258.05	2.61	0	D	77.1	8.7	16.2	0.0	15.0	0.0	37.2
2616	17645199.80	4846264.67	2.61	0	D	77.1	8.7	21.5	0.0	15.0	0.0	31.8
2618	17645209.96	4846267.74	2.61	0	D	77.1	8.7	22.8	0.0	15.0	0.0	30.5
2620	17645225.11	4846272.31	2.61	0	D	77.1	8.7	19.6	0.0	15.0	0.0	33.8
2658	17645308.70	4846299.17	4.44	0	D	84.6	8.8	26.7	0.0	15.0	0.0	34.1
2659	17645363.78	4846316.73	4.44	0	D	84.6	8.8	16.1	0.0	15.0	0.0	44.7
2660	17645416.75	4846333.62	4.44	0	D	84.6	8.8	33.2	0.0	15.0	0.0	27.5
2661	17645252.93	4846281.10	4.44	0	D	84.6	8.9	18.1	0.0	15.0	0.0	42.6
2662	17645287.71	4846292.38	4.44	0	D	84.6	8.9	18.9	0.0	15.0	0.0	41.8
2672	17645462.58	4846347.19	4.44	0	D	84.6	8.4	29.7	0.0	15.0	0.0	31.5
2673	17645474.68	4846350.73	4.44	0	D	84.6	8.4	26.7	0.0	15.0	0.0	34.5
2674	17645492.99	4846356.10	4.44	0	D	84.6	8.4	26.1	0.0	15.0	0.0	35.1
2675	17645508.41	4846360.61	4.44	0	D	84.6	8.4	29.1	0.0	15.0	0.0	32.1
2676	17645526.88	4846366.03	4.44	0	D	84.6	8.4	25.5	0.0	15.0	0.0	35.7
2677	17645543.52	4846370.90	4.44	0	D	84.6	8.4	31.5	0.0	15.0	0.0	29.7
2678	17645568.48	4846378.21	4.44	0	D	84.6	8.4	24.0	0.0	15.0	0.0	37.2
2710	17645308.70	4846299.17	2.30	0	D	71.5	8.8	26.7	0.0	15.0	0.0	21.0
2711	17645363.78	4846316.73	2.30	0	D	71.5	8.8	16.1	0.0	15.0	0.0	31.6
2716	17645252.93	4846281.10	2.30	0	D	71.5	8.9	18.1	0.0	15.0	0.0	29.5
2717	17645287.71	4846292.38	2.30	0	D	71.5	8.9	18.9	0.0	15.0	0.0	28.7
2740	17645598.10	4846387.15	4.44	0	D	84.6	9.1	27.9	0.0	15.0	0.0	32.6
2743	17645613.12	4846392.04	4.44	0	D	84.6	9.1	31.6	0.0	15.0	0.0	28.9
2745	17645627.60	4846396.75	4.44	0	D	84.6	9.1	28.4	0.0	15.0	0.0	32.1
2746	17645646.05	4846402.76	4.44	0	D	84.6	9.1	27.4	0.0	15.0	0.0	33.1
2748	17645664.70	4846408.83	4.44	0	D	84.6	9.1	31.5	0.0	15.0	0.0	29.0
2749	17645436.20	4846339.40	4.44	0	D	84.6	8.5	22.5	0.0	15.0	0.0	38.6
2750	17645456.53	4846345.41	4.44	0	D	84.6	8.5	32.1	0.0	15.0	0.0	29.0
2754	17645308.70	4846299.17	2.61	0	D	77.1	8.8	26.7	0.0	15.0	0.0	26.6
2755	17645363.78	4846316.73	2.61	0	D	77.1	8.8	16.1	0.0	15.0	0.0	37.2
2757	17645252.93	4846281.10	2.61	0	D	77.1	8.9	18.1	0.0	15.0	0.0	35.1
2758	17645287.71	4846292.38	2.61	0	D	77.1	8.9	18.9	0.0	15.0	0.0	34.3
2763	17645474.68	4846350.73	2.30	0	D	71.5	8.4	26.7	0.0	15.0	0.0	21.4
2764	17645492.99	4846356.10	2.30	0	D	71.5	8.4	26.1	0.0	15.0	0.0	22.0
2765	17645508.41	4846360.61	2.30	0	D	71.5	8.4	29.1	0.0	15.0	0.0	18.9
2766	17645526.88	4846366.03	2.30	0	D	71.5	8.4	25.5	0.0	15.0	0.0	22.6
2768	17645568.48	4846378.21	2.30	0	D	71.5	8.4	24.0	0.0	15.0	0.0	24.1
2789	17645474.68	4846350.73	2.61	0	D	77.1	8.4	26.7	0.0	15.0	0.0	27.0
2790	17645492.99	4846356.10	2.61	0	D	77.1	8.4	26.1	0.0	15.0	0.0	27.6
2792	17645526.88	4846366.03	2.61	0	D	77.1	8.4	25.5	0.0	15.0	0.0	28.2
2794	17645568.48	4846378.21	2.61	0	D	77.1	8.4	24.0	0.0	15.0	0.0	29.7
2883	17645598.10	4846387.15	2.30	0	D	71.5	9.1	27.9	0.0	15.0	0.0	19.5
2886	17645627.60	4846396.75	2.30	0	D	71.5	9.1	28.4	0.0	15.0	0.0	18.9

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2887	17645646.05	4846402.76	2.30	0	D	71.5	9.1	27.4	0.0	15.0	0.0	20.0
2891	17645436.20	4846339.40	2.30	0	D	71.5	8.5	22.5	0.0	15.0	0.0	25.5
2930	17645436.20	4846339.40	2.61	0	D	77.1	8.5	22.5	0.0	15.0	0.0	31.1

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2203	17645024.80	4846212.11	2.30	0	D	71.5	8.7	10.2	0.0	11.3	0.0	41.3
2206	17644988.33	4846202.02	2.30	0	D	71.5	8.7	9.7	0.0	11.4	0.0	41.7
2209	17644969.60	4846196.84	2.30	0	D	71.5	8.7	25.4	0.0	15.0	0.0	22.4
2212	17644965.92	4846195.83	2.30	0	D	71.5	8.7	17.5	0.0	15.0	0.0	30.4
2216	17644956.18	4846193.13	2.30	0	D	71.5	8.7	14.5	0.0	15.0	0.0	33.3
2219	17644946.08	4846190.34	2.30	0	D	71.5	8.7	17.4	0.0	15.0	0.0	30.4
2222	17644933.42	4846186.84	2.30	0	D	71.5	8.7	13.7	0.0	15.0	0.0	34.1
2225	17644897.71	4846176.97	2.30	0	D	71.5	8.7	10.3	0.0	15.0	0.0	37.5
2227	17644836.61	4846160.07	2.30	0	D	71.5	8.7	11.5	0.0	15.0	0.0	36.3
2229	17644787.58	4846146.51	2.30	0	D	71.5	8.7	17.1	0.0	15.0	0.0	30.7
2231	17644766.51	4846140.69	2.30	0	D	71.5	8.7	21.3	0.0	11.8	0.0	29.7
2233	17644751.38	4846136.50	2.30	0	D	71.5	8.7	20.6	0.0	15.0	0.0	27.2
2238	17644741.20	4846133.69	2.30	0	D	71.5	8.7	28.2	0.0	15.0	0.0	19.6
2241	17644703.13	4846123.16	2.30	0	D	71.5	8.7	15.6	0.0	15.0	0.0	32.2
2270	17645024.80	4846212.11	4.44	0	D	78.6	8.6	10.2	0.0	10.3	0.0	49.5
2273	17644988.33	4846202.02	4.44	0	D	78.6	8.6	9.7	0.0	10.4	0.0	49.9
2276	17644969.60	4846196.84	4.44	0	D	78.6	8.6	25.4	0.0	15.0	0.0	29.6
2294	17644965.92	4846195.83	4.44	0	D	78.6	8.6	17.4	0.0	15.0	0.0	37.5
2298	17644956.18	4846193.13	4.44	0	D	78.6	8.6	14.5	0.0	15.0	0.0	40.5
2301	17644946.08	4846190.34	4.44	0	D	78.6	8.6	17.4	0.0	15.0	0.0	37.6
2304	17644933.42	4846186.84	4.44	0	D	78.6	8.6	13.7	0.0	15.0	0.0	41.3
2307	17644897.71	4846176.97	4.44	0	D	78.6	8.6	10.3	0.0	15.0	0.0	44.7
2310	17644836.61	4846160.07	4.44	0	D	78.6	8.6	11.6	0.0	15.0	0.0	43.4
2313	17644787.58	4846146.51	4.44	0	D	78.6	8.6	17.1	0.0	15.0	0.0	37.8
2316	17644766.51	4846140.69	4.44	0	D	78.6	8.6	21.3	0.0	10.8	0.0	37.8
2320	17644751.38	4846136.50	4.44	0	D	78.6	8.6	20.6	0.0	15.0	0.0	34.4
2323	17644741.20	4846133.69	4.44	0	D	78.6	8.6	28.2	0.0	15.0	0.0	26.7
2326	17644703.13	4846123.16	4.44	0	D	78.6	8.6	15.6	0.0	15.0	0.0	39.3
2373	17645024.80	4846212.11	2.61	0	D	77.1	8.7	10.2	0.0	11.2	0.0	47.1
2376	17644988.33	4846202.02	2.61	0	D	77.1	8.7	9.7	0.0	11.2	0.0	47.5
2378	17644969.60	4846196.84	2.61	0	D	77.1	8.7	25.4	0.0	15.0	0.0	28.0
2380	17644965.92	4846195.83	2.61	0	D	77.1	8.7	17.5	0.0	15.0	0.0	36.0
2382	17644956.18	4846193.13	2.61	0	D	77.1	8.7	14.5	0.0	15.0	0.0	38.9
2384	17644946.08	4846190.34	2.61	0	D	77.1	8.7	17.4	0.0	15.0	0.0	36.0
2386	17644933.42	4846186.84	2.61	0	D	77.1	8.7	13.7	0.0	15.0	0.0	39.7
2388	17644897.71	4846176.97	2.61	0	D	77.1	8.7	10.3	0.0	15.0	0.0	43.1
2390	17644836.61	4846160.07	2.61	0	D	77.1	8.7	11.5	0.0	15.0	0.0	41.9
2392	17644787.58	4846146.51	2.61	0	D	77.1	8.7	17.1	0.0	15.0	0.0	36.3
2394	17644766.51	4846140.69	2.61	0	D	77.1	8.7	21.3	0.0	11.7	0.0	35.4
2396	17644751.38	4846136.50	2.61	0	D	77.1	8.7	20.6	0.0	15.0	0.0	32.8
2401	17644703.13	4846123.16	2.61	0	D	77.1	8.7	15.6	0.0	15.0	0.0	37.8
2704	17644640.03	4846104.39	2.30	0	D	71.5	8.0	19.2	0.0	15.0	0.0	29.3
2705	17644601.57	4846091.86	2.30	0	D	71.5	8.0	23.5	0.0	15.0	0.0	24.9
2706	17644560.58	4846078.49	2.30	0	D	71.5	8.0	20.5	0.0	15.0	0.0	28.0
2713	17644642.06	4846105.05	4.44	0	D	78.6	8.0	19.5	0.0	15.0	0.0	36.1
2715	17644572.42	4846082.35	4.44	0	D	78.6	8.0	18.7	0.0	15.0	0.0	36.8
2725	17644640.03	4846104.39	2.61	0	D	77.1	8.0	19.2	0.0	15.0	0.0	34.9
2726	17644603.55	4846092.50	2.61	0	D	77.1	8.0	24.3	0.0	15.0	0.0	29.7
2727	17644562.56	4846079.14	2.61	0	D	77.1	8.0	20.1	0.0	15.0	0.0	33.9
2778	17644518.35	4846063.82	2.30	0	D	71.5	6.5	26.1	0.0	15.0	0.0	23.8
2779	17644472.40	4846045.66	2.30	0	D	71.5	6.5	22.9	0.0	15.0	0.0	27.0
2801	17644518.35	4846063.82	4.44	0	D	78.6	6.5	26.2	0.0	15.0	0.0	30.9
2802	17644472.40	4846045.66	4.44	0	D	78.6	6.5	23.0	0.0	15.0	0.0	34.1
2806	17644415.64	4846021.67	2.30	0	D	71.5	4.2	27.5	0.0	15.0	0.0	24.8
2807	17644364.39	4845998.08	2.30	0	D	71.5	4.2	27.7	0.0	15.0	0.0	24.6
2826	17644415.64	4846021.67	4.44	0	D	78.6	4.0	27.7	0.0	15.0	0.0	31.9

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2827	17644364.39	4845998.08	4.44	0	D	78.6	4.0	27.8	0.0	15.0	0.0	31.7
2836	17644518.35	4846063.82	2.61	0	D	77.1	6.5	26.2	0.0	15.0	0.0	29.4
2837	17644472.40	4846045.66	2.61	0	D	77.1	6.5	22.9	0.0	15.0	0.0	32.6
2881	17644415.64	4846021.67	2.61	0	D	77.1	4.1	27.5	0.0	15.0	0.0	30.4
2882	17644364.39	4845998.08	2.61	0	D	77.1	4.1	27.7	0.0	15.0	0.0	30.2
2920	17644306.82	4845968.87	2.30	0	D	71.5	2.7	29.4	0.0	15.0	0.0	24.4
2934	17644306.82	4845968.87	4.44	0	D	78.6	2.4	29.6	0.0	15.0	0.0	31.5
2945	17644306.82	4845968.87	2.61	0	D	77.1	2.7	29.4	0.0	15.0	0.0	30.0

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2329	17644709.88	4846132.29	4.44	0	D	78.6	8.2	14.8	0.0	15.0	0.0	40.6
2332	17644756.64	4846146.05	4.44	0	D	78.6	8.2	28.2	0.0	15.0	0.0	27.2
2336	17644766.41	4846148.93	4.44	0	D	78.6	8.2	20.6	0.0	15.0	0.0	34.9
2339	17644780.88	4846153.18	4.44	0	D	78.6	8.2	21.3	0.0	11.8	0.0	37.4
2342	17644800.88	4846159.07	4.44	0	D	78.6	8.2	17.1	0.0	15.0	0.0	38.3
2345	17644846.82	4846172.59	4.44	0	D	78.6	8.2	11.5	0.0	15.0	0.0	43.9
2348	17644894.88	4846186.73	4.44	0	D	78.6	8.2	12.6	0.0	15.0	0.0	42.9
2351	17644919.19	4846193.85	4.44	0	D	78.6	8.2	14.2	0.0	15.0	0.0	41.2
2354	17644935.87	4846198.69	4.44	0	D	78.6	8.2	13.7	0.0	15.0	0.0	41.8
2359	17644953.22	4846203.72	4.44	0	D	78.6	8.2	12.7	0.0	15.0	0.0	42.7
2361	17644965.17	4846207.18	4.44	0	D	78.6	8.2	17.5	0.0	15.0	0.0	38.0
2364	17644988.30	4846213.89	4.44	0	D	78.6	8.2	8.8	0.0	11.5	0.0	50.1
2367	17645028.88	4846225.65	4.44	0	D	78.6	8.2	9.5	0.0	11.5	0.0	49.4
2370	17645054.45	4846233.07	4.44	0	D	78.6	8.2	16.4	0.0	11.5	0.0	42.6
2403	17644709.88	4846132.29	2.30	0	D	71.6	8.2	14.8	0.0	15.0	0.0	33.6
2405	17644756.64	4846146.05	2.30	0	D	71.6	8.2	28.2	0.0	15.0	0.0	20.2
2407	17644766.41	4846148.93	2.30	0	D	71.6	8.2	20.6	0.0	15.0	0.0	27.8
2409	17644780.88	4846153.18	2.30	0	D	71.6	8.2	21.3	0.0	12.8	0.0	29.2
2411	17644800.88	4846159.07	2.30	0	D	71.6	8.2	17.1	0.0	15.0	0.0	31.3
2413	17644846.82	4846172.59	2.30	0	D	71.6	8.2	11.5	0.0	15.0	0.0	36.8
2415	17644894.88	4846186.73	2.30	0	D	71.6	8.2	12.6	0.0	15.0	0.0	35.8
2417	17644919.19	4846193.85	2.30	0	D	71.6	8.2	14.2	0.0	15.0	0.0	34.1
2419	17644935.87	4846198.69	2.30	0	D	71.6	8.2	13.7	0.0	15.0	0.0	34.7
2421	17644953.22	4846203.72	2.30	0	D	71.6	8.2	12.7	0.0	15.0	0.0	35.7
2423	17644965.17	4846207.18	2.30	0	D	71.6	8.2	17.5	0.0	15.0	0.0	30.9
2425	17644988.30	4846213.89	2.30	0	D	71.6	8.2	8.8	0.0	12.5	0.0	42.1
2427	17645028.88	4846225.65	2.30	0	D	71.6	8.2	9.6	0.0	12.4	0.0	41.4
2429	17645054.45	4846233.07	2.30	0	D	71.6	8.2	16.4	0.0	12.5	0.0	34.5
2450	17645066.12	4846236.45	4.44	0	D	78.6	8.2	16.0	0.0	11.5	0.0	42.9
2452	17645080.39	4846240.59	4.44	0	D	78.6	8.2	15.8	0.0	11.4	0.0	43.2
2454	17645089.80	4846243.32	4.44	0	D	78.6	8.2	23.3	0.0	15.0	0.0	32.1
2456	17645093.60	4846244.42	4.44	0	D	78.6	8.2	21.7	0.0	15.0	0.0	33.7
2458	17645133.94	4846256.12	4.44	0	D	78.6	8.2	11.1	0.0	15.0	0.0	44.3
2460	17645177.25	4846268.68	4.44	0	D	78.6	8.2	21.5	0.0	15.0	0.0	33.9
2462	17645183.91	4846270.61	4.44	0	D	78.6	8.2	27.5	0.0	15.0	0.0	27.9
2524	17645066.12	4846236.45	2.30	0	D	71.6	8.2	16.0	0.0	12.5	0.0	34.8
2527	17645080.39	4846240.59	2.30	0	D	71.6	8.2	15.8	0.0	12.5	0.0	35.1
2529	17645089.80	4846243.32	2.30	0	D	71.6	8.2	23.3	0.0	15.0	0.0	25.0
2532	17645093.60	4846244.42	2.30	0	D	71.6	8.2	21.7	0.0	15.0	0.0	26.6
2537	17645133.94	4846256.12	2.30	0	D	71.6	8.2	11.1	0.0	15.0	0.0	37.2
2540	17645177.25	4846268.68	2.30	0	D	71.6	8.2	21.5	0.0	15.0	0.0	26.8
2543	17645183.91	4846270.61	2.30	0	D	71.6	8.2	27.5	0.0	15.0	0.0	20.9
2622	17645240.92	4846286.95	4.44	0	D	78.6	8.2	24.1	0.0	15.0	0.0	31.4
2624	17645267.16	4846294.53	4.44	0	D	78.6	8.2	18.2	0.0	15.0	0.0	37.2
2626	17645343.16	4846316.48	4.44	0	D	78.6	8.2	16.0	0.0	15.0	0.0	39.4
2629	17645417.08	4846337.82	4.44	0	D	78.6	8.2	22.1	0.0	15.0	0.0	33.3
2631	17645442.49	4846345.16	4.44	0	D	78.6	8.2	27.7	0.0	15.0	0.0	27.7
2633	17645453.19	4846348.25	4.44	0	D	78.6	8.2	29.0	0.0	15.0	0.0	26.5
2641	17645240.92	4846286.95	2.30	0	D	71.6	8.2	24.1	0.0	15.0	0.0	24.3
2643	17645267.16	4846294.53	2.30	0	D	71.6	8.2	18.2	0.0	15.0	0.0	30.1
2645	17645343.16	4846316.48	2.30	0	D	71.6	8.2	16.0	0.0	15.0	0.0	32.3

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2647	17645417.08	4846337.82	2.30	0	D	71.6	8.2	22.1	0.0	15.0	0.0	26.2
2649	17645442.49	4846345.16	2.30	0	D	71.6	8.2	27.7	0.0	15.0	0.0	20.6
2651	17645453.19	4846348.25	2.30	0	D	71.6	8.2	28.9	0.0	15.0	0.0	19.4
2668	17644537.48	4846078.29	4.44	0	D	78.6	7.8	26.4	0.0	15.0	0.0	29.4
2669	17644584.34	4846093.28	4.44	0	D	78.6	7.8	18.9	0.0	15.0	0.0	36.9
2670	17644629.75	4846107.81	4.44	0	D	78.6	7.8	25.3	0.0	15.0	0.0	30.5
2671	17644650.70	4846114.52	4.44	0	D	78.6	7.8	21.9	0.0	15.0	0.0	33.9
2679	17644537.48	4846078.29	2.30	0	D	71.6	7.8	26.4	0.0	15.0	0.0	22.3
2680	17644570.54	4846088.87	2.30	0	D	71.6	7.8	21.1	0.0	15.0	0.0	27.6
2681	17644615.95	4846103.39	2.30	0	D	71.6	7.8	20.9	0.0	15.0	0.0	27.8
2682	17644650.70	4846114.52	2.30	0	D	71.6	7.8	21.8	0.0	15.0	0.0	26.9
2685	17644709.88	4846132.29	2.61	0	D	71.1	8.2	14.8	0.0	15.0	0.0	33.1
2687	17644766.41	4846148.93	2.61	0	D	71.1	8.2	20.6	0.0	15.0	0.0	27.3
2688	17644780.88	4846153.18	2.61	0	D	71.1	8.2	21.3	0.0	12.7	0.0	28.9
2689	17644800.88	4846159.07	2.61	0	D	71.1	8.2	17.1	0.0	15.0	0.0	30.8
2691	17644846.82	4846172.59	2.61	0	D	71.1	8.2	11.5	0.0	15.0	0.0	36.3
2692	17644894.88	4846186.73	2.61	0	D	71.1	8.2	12.6	0.0	15.0	0.0	35.3
2693	17644919.19	4846193.85	2.61	0	D	71.1	8.2	14.2	0.0	15.0	0.0	33.6
2694	17644935.87	4846198.69	2.61	0	D	71.1	8.2	13.7	0.0	15.0	0.0	34.2
2695	17644953.22	4846203.72	2.61	0	D	71.1	8.2	12.7	0.0	15.0	0.0	35.2
2696	17644965.17	4846207.18	2.61	0	D	71.1	8.2	17.5	0.0	15.0	0.0	30.4
2697	17644988.30	4846213.89	2.61	0	D	71.1	8.2	8.8	0.0	12.4	0.0	41.7
2698	17645028.88	4846225.65	2.61	0	D	71.1	8.2	9.5	0.0	12.3	0.0	41.0
2699	17645054.45	4846233.07	2.61	0	D	71.1	8.2	16.4	0.0	12.4	0.0	34.1
2708	17645217.98	4846280.30	4.44	0	D	78.6	8.2	17.5	0.0	15.0	0.0	37.9
2718	17645217.98	4846280.30	2.30	0	D	71.6	8.2	17.5	0.0	15.0	0.0	30.9
2731	17645066.12	4846236.45	2.61	0	D	71.1	8.2	16.0	0.0	12.4	0.0	34.5
2732	17645080.39	4846240.59	2.61	0	D	71.1	8.2	15.8	0.0	12.4	0.0	34.8
2734	17645093.60	4846244.42	2.61	0	D	71.1	8.2	21.7	0.0	15.0	0.0	26.1
2735	17645133.94	4846256.12	2.61	0	D	71.1	8.2	11.1	0.0	15.0	0.0	36.7
2736	17645177.25	4846268.68	2.61	0	D	71.1	8.2	21.5	0.0	15.0	0.0	26.3
2738	17644453.17	4846044.74	4.44	0	D	78.6	5.7	27.2	0.0	15.0	0.0	30.8
2739	17644499.08	4846063.41	4.44	0	D	78.6	5.7	23.6	0.0	15.0	0.0	34.3
2761	17644386.14	4846013.66	4.44	0	D	78.6	2.4	26.4	0.0	15.0	0.0	34.9
2769	17644453.17	4846044.74	2.30	0	D	71.6	5.8	27.1	0.0	15.0	0.0	23.7
2770	17644499.08	4846063.41	2.30	0	D	71.6	5.8	23.6	0.0	15.0	0.0	27.2
2772	17645188.20	4846271.82	4.44	0	D	78.6	8.1	24.6	0.0	15.0	0.0	30.9
2773	17645195.43	4846273.82	4.44	0	D	78.6	8.1	23.1	0.0	15.0	0.0	32.4
2780	17644386.14	4846013.66	2.30	0	D	71.6	2.6	26.1	0.0	15.0	0.0	27.8
2781	17645560.11	4846379.79	4.44	0	D	78.6	8.4	23.4	0.0	15.0	0.0	31.8
2795	17645188.20	4846271.82	2.30	0	D	71.6	8.1	24.6	0.0	15.0	0.0	23.8
2796	17645195.43	4846273.82	2.30	0	D	71.6	8.1	23.1	0.0	15.0	0.0	25.4
2798	17645473.72	4846354.35	4.44	0	D	78.6	8.4	26.1	0.0	15.0	0.0	29.1
2799	17645488.10	4846358.66	4.44	0	D	78.6	8.4	29.1	0.0	15.0	0.0	26.1
2800	17645500.82	4846362.47	4.44	0	D	78.6	8.4	27.4	0.0	15.0	0.0	27.9
2819	17644139.56	4845871.98	4.44	0	D	78.6	7.2	24.1	0.0	15.0	0.0	32.3
2822	17645560.11	4846379.79	2.30	0	D	71.6	8.4	23.4	0.0	15.0	0.0	24.8
2839	17645473.72	4846354.35	2.30	0	D	71.6	8.4	26.1	0.0	15.0	0.0	22.1
2840	17645488.10	4846358.66	2.30	0	D	71.6	8.4	29.1	0.0	15.0	0.0	19.0
2841	17645500.82	4846362.47	2.30	0	D	71.6	8.4	27.4	0.0	15.0	0.0	20.8
2854	17645267.16	4846294.53	2.61	0	D	71.1	8.2	18.2	0.0	15.0	0.0	29.6
2855	17645343.16	4846316.48	2.61	0	D	71.1	8.2	16.0	0.0	15.0	0.0	31.8
2863	17644304.73	4845972.37	4.44	0	D	78.6	2.9	29.2	0.0	15.0	0.0	31.6
2864	17644139.56	4845871.98	2.30	0	D	71.6	7.2	24.1	0.0	15.0	0.0	25.2
2894	17645627.78	4846400.23	4.44	0	D	78.6	8.6	27.4	0.0	15.0	0.0	27.6
2901	17644304.73	4845972.37	2.30	0	D	71.6	3.1	28.9	0.0	15.0	0.0	24.5
2912	17645627.78	4846400.23	2.30	0	D	71.6	8.6	27.4	0.0	15.0	0.0	20.6
2914	17645651.39	4846407.52	2.30	0	D	71.6	8.6	29.0	0.0	15.0	0.0	18.9
2921	17644253.44	4845943.38	4.44	0	D	78.6	4.9	29.4	0.0	15.0	0.0	29.4
2937	17645530.73	4846371.07	2.30	0	D	71.6	8.1	29.8	0.0	15.0	0.0	18.7
2938	17644253.44	4845943.38	2.30	0	D	71.6	5.0	29.3	0.0	15.0	0.0	22.3
2939	17644215.37	4845920.45	4.44	0	D	78.6	6.5	29.1	0.0	15.0	0.0	28.1
2941	17644572.51	4846089.50	2.61	0	D	71.1	7.8	20.8	0.0	15.0	0.0	27.5

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2942	17644617.92	4846104.03	2.61	0	D	71.1	7.8	21.3	0.0	15.0	0.0	26.9
2943	17644650.70	4846114.52	2.61	0	D	71.1	7.8	21.8	0.0	15.0	0.0	26.4
2948	17644215.37	4845920.45	2.30	0	D	71.6	6.5	29.1	0.0	15.0	0.0	21.0
2954	17645217.98	4846280.30	2.61	0	D	71.1	8.2	17.5	0.0	15.0	0.0	30.4
2955	17644067.12	4845825.49	2.30	0	D	71.6	6.8	30.2	0.0	15.0	0.0	19.6
2974	17644499.08	4846063.41	2.61	0	D	71.1	5.8	23.6	0.0	15.0	0.0	26.7
2976	17644386.14	4846013.66	2.61	0	D	71.1	2.6	26.1	0.0	15.0	0.0	27.3

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2485	17645063.78	4846241.38	2.30	0	D	71.5	8.0	20.1	0.0	13.1	0.0	30.3
2488	17645073.63	4846244.30	2.30	0	D	71.5	8.0	15.8	0.0	13.1	0.0	34.6
2491	17645082.45	4846246.92	2.30	0	D	71.5	8.0	23.3	0.0	15.0	0.0	25.1
2494	17645086.01	4846247.98	2.30	0	D	71.5	8.0	21.7	0.0	15.0	0.0	26.8
2496	17645123.57	4846259.12	2.30	0	D	71.5	8.0	11.1	0.0	15.0	0.0	37.4
2499	17645163.86	4846271.07	2.30	0	D	71.5	8.0	21.5	0.0	15.0	0.0	27.0
2501	17645172.60	4846273.67	2.30	0	D	71.5	8.0	22.8	0.0	15.0	0.0	25.7
2503	17645201.43	4846282.22	2.30	0	D	71.5	8.0	15.7	0.0	15.0	0.0	32.7
2506	17645230.49	4846290.84	2.30	0	D	71.5	8.0	24.5	0.0	15.0	0.0	24.0
2545	17645063.78	4846241.38	4.44	0	D	78.6	8.0	20.1	0.0	12.1	0.0	38.5
2548	17645073.63	4846244.30	4.44	0	D	78.6	8.0	15.8	0.0	12.1	0.0	42.8
2552	17645082.45	4846246.92	4.44	0	D	78.6	8.0	23.3	0.0	15.0	0.0	32.3
2554	17645086.01	4846247.98	4.44	0	D	78.6	8.0	21.7	0.0	15.0	0.0	33.9
2557	17645123.57	4846259.12	4.44	0	D	78.6	8.0	11.1	0.0	15.0	0.0	44.5
2560	17645163.86	4846271.07	4.44	0	D	78.6	8.0	21.5	0.0	15.0	0.0	34.1
2564	17645172.60	4846273.67	4.44	0	D	78.6	8.0	22.8	0.0	15.0	0.0	32.8
2565	17645201.43	4846282.22	4.44	0	D	78.6	8.0	15.7	0.0	15.0	0.0	39.9
2568	17645230.49	4846290.84	4.44	0	D	78.6	8.0	24.5	0.0	15.0	0.0	31.1
2572	17645063.78	4846241.38	2.61	0	D	77.1	8.0	20.1	0.0	13.0	0.0	36.0
2575	17645073.63	4846244.30	2.61	0	D	77.1	8.0	15.8	0.0	13.0	0.0	40.4
2578	17645082.45	4846246.92	2.61	0	D	77.1	8.0	23.3	0.0	15.0	0.0	30.8
2581	17645086.01	4846247.98	2.61	0	D	77.1	8.0	21.7	0.0	15.0	0.0	32.4
2583	17645123.57	4846259.12	2.61	0	D	77.1	8.0	11.1	0.0	15.0	0.0	43.0
2586	17645163.86	4846271.07	2.61	0	D	77.1	8.0	21.5	0.0	15.0	0.0	32.6
2589	17645172.60	4846273.67	2.61	0	D	77.1	8.0	22.8	0.0	15.0	0.0	31.3
2592	17645201.43	4846282.22	2.61	0	D	77.1	8.0	15.7	0.0	15.0	0.0	38.4
2595	17645230.49	4846290.84	2.61	0	D	77.1	8.0	24.5	0.0	15.0	0.0	29.6
2723	17645250.97	4846296.63	2.30	0	D	71.5	7.8	19.4	0.0	15.0	0.0	29.3
2724	17645279.79	4846304.67	2.30	0	D	71.5	7.8	21.3	0.0	15.0	0.0	27.3
2752	17645250.97	4846296.63	4.44	0	D	78.6	7.8	19.4	0.0	15.0	0.0	36.4
2753	17645279.79	4846304.67	4.44	0	D	78.6	7.8	21.4	0.0	15.0	0.0	34.5
2759	17645250.97	4846296.63	2.61	0	D	77.1	7.8	19.4	0.0	15.0	0.0	34.9
2760	17645279.79	4846304.67	2.61	0	D	77.1	7.8	21.4	0.0	15.0	0.0	32.9
2774	17645349.11	4846323.70	2.30	0	D	71.5	8.1	19.9	0.0	15.0	0.0	28.5
2775	17645377.94	4846332.23	2.30	0	D	71.5	8.1	27.6	0.0	15.0	0.0	20.8
2786	17645349.11	4846323.70	4.44	0	D	78.6	8.1	19.9	0.0	15.0	0.0	35.6
2787	17645377.94	4846332.23	4.44	0	D	78.6	8.1	27.6	0.0	15.0	0.0	27.9
2803	17645349.11	4846323.70	2.61	0	D	77.1	8.1	19.9	0.0	15.0	0.0	34.1
2804	17645377.94	4846332.23	2.61	0	D	77.1	8.1	27.6	0.0	15.0	0.0	26.4
2808	17645462.20	4846356.16	2.30	0	D	71.5	7.9	29.1	0.0	15.0	0.0	19.6
2809	17645480.14	4846361.23	2.30	0	D	71.5	7.9	25.4	0.0	15.0	0.0	23.2
2811	17645517.46	4846371.77	2.30	0	D	71.5	7.9	24.6	0.0	15.0	0.0	24.0
2812	17645547.33	4846380.33	2.30	0	D	71.5	8.1	26.5	0.0	15.0	0.0	21.9
2815	17645583.43	4846390.87	2.30	0	D	71.5	8.1	28.4	0.0	15.0	0.0	20.0
2816	17645604.42	4846397.01	2.30	0	D	71.5	8.1	27.3	0.0	15.0	0.0	21.1
2821	17645308.63	4846312.36	2.30	0	D	71.5	7.5	21.3	0.0	15.0	0.0	27.7
2831	17645462.20	4846356.16	4.44	0	D	78.6	7.8	29.1	0.0	15.0	0.0	26.7
2832	17645480.14	4846361.23	4.44	0	D	78.6	7.8	25.5	0.0	15.0	0.0	30.3
2835	17645517.46	4846371.77	4.44	0	D	78.6	7.8	24.6	0.0	15.0	0.0	31.1
2842	17645547.33	4846380.33	4.44	0	D	78.6	8.1	26.5	0.0	15.0	0.0	29.0
2846	17645583.43	4846390.87	4.44	0	D	78.6	8.1	28.4	0.0	15.0	0.0	27.1
2848	17645599.79	4846395.65	4.44	0	D	78.6	8.1	29.4	0.0	15.0	0.0	26.2

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
2852	17645308.63	4846312.36	4.44	0	D	78.6	7.5	21.3	0.0	15.0	0.0	34.9
2860	17645480.14	4846361.23	2.61	0	D	77.1	7.9	25.4	0.0	15.0	0.0	28.8
2862	17645517.46	4846371.77	2.61	0	D	77.1	7.9	24.6	0.0	15.0	0.0	29.6
2866	17645547.33	4846380.33	2.61	0	D	77.1	8.1	26.5	0.0	15.0	0.0	27.5
2870	17645604.42	4846397.01	2.61	0	D	77.1	8.1	27.3	0.0	15.0	0.0	26.7
2874	17645308.63	4846312.36	2.61	0	D	77.1	7.5	21.3	0.0	15.0	0.0	33.3
2877	17645395.70	4846337.49	2.30	0	D	71.5	8.1	23.5	0.0	15.0	0.0	24.9
2878	17645414.22	4846342.97	2.30	0	D	71.5	8.1	27.7	0.0	15.0	0.0	20.7
2897	17645395.70	4846337.49	4.44	0	D	78.6	8.1	23.6	0.0	15.0	0.0	32.0
2898	17645414.22	4846342.97	4.44	0	D	78.6	8.1	27.7	0.0	15.0	0.0	27.8
2902	17645428.68	4846347.05	2.30	0	D	71.5	7.6	27.1	0.0	15.0	0.0	21.8
2903	17645446.64	4846351.89	2.30	0	D	71.5	7.6	26.0	0.0	15.0	0.0	22.8
2904	17645395.70	4846337.49	2.61	0	D	77.1	8.1	23.5	0.0	15.0	0.0	30.5
2905	17645414.22	4846342.97	2.61	0	D	77.1	8.1	27.7	0.0	15.0	0.0	26.3
2917	17645428.68	4846347.05	4.44	0	D	78.6	7.6	27.1	0.0	15.0	0.0	28.9
2918	17645446.64	4846351.89	4.44	0	D	78.6	7.6	26.1	0.0	15.0	0.0	30.0
2932	17645428.68	4846347.05	2.61	0	D	77.1	7.6	27.1	0.0	15.0	0.0	27.4
2933	17645446.64	4846351.89	2.61	0	D	77.1	7.6	26.0	0.0	15.0	0.0	28.5

Receiver
Name: OLA03
ID: OLA03
X: 17645051.46 m
Y: 4846330.07 m
Z: 24.75 m

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
33	17644885.30	4846187.23	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	57.9	0.4	-3.0	0.0	0.0	8.6	0.0	0.0	15.8

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
36	17644889.29	4846172.32	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	58.1	0.4	-3.0	0.0	0.0	8.5	0.0	0.0	15.6

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
276	17644896.15	4846389.21	0.10	0	D	80	38.0	-24.1	0.0	1.3	0.0	0.0	12.5
276	17644896.15	4846389.21	0.10	0	D	100	39.9	-24.1	0.0	1.5	0.0	0.0	14.3
276	17644896.15	4846389.21	0.10	0	D	125	40.8	-24.1	0.0	1.7	0.0	0.0	14.9
276	17644896.15	4846389.21	0.10	0	D	160	41.6	-24.1	0.0	2.3	0.0	0.0	15.2
276	17644896.15	4846389.21	0.10	0	D	200	42.5	-24.1	0.0	3.3	0.0	0.0	15.1
276	17644896.15	4846389.21	0.10	0	D	250	43.7	-24.1	0.0	5.3	0.0	0.0	14.2
276	17644896.15	4846389.21	0.10	0	D	315	45.3	-24.1	0.0	5.6	0.0	0.0	15.6
276	17644896.15	4846389.21	0.10	0	D	400	47.2	-24.1	0.0	6.4	0.0	0.0	16.7
276	17644896.15	4846389.21	0.10	0	D	500	49.0	-24.1	0.0	7.0	0.0	0.0	17.8
276	17644896.15	4846389.21	0.10	0	D	630	49.7	-24.1	0.0	8.8	0.0	0.0	16.8
276	17644896.15	4846389.21	0.10	0	D	800	52.0	-24.1	0.0	9.9	0.0	0.0	18.0
276	17644896.15	4846389.21	0.10	0	D	1000	52.9	-24.1	0.0	10.8	0.0	0.0	17.9
276	17644896.15	4846389.21	0.10	0	D	1250	52.8	-24.1	0.0	11.5	0.0	0.0	17.2
276	17644896.15	4846389.21	0.10	0	D	1600	52.1	-24.1	0.0	13.4	0.0	0.0	14.5
276	17644896.15	4846389.21	0.10	0	D	2000	51.8	-24.1	0.0	16.5	0.0	0.0	11.2
299	17644883.86	4846369.86	0.10	0	D	80	38.0	-25.3	0.0	1.7	0.0	0.0	10.9
299	17644883.86	4846369.86	0.10	0	D	100	39.9	-25.3	0.0	1.9	0.0	0.0	12.7
299	17644883.86	4846369.86	0.10	0	D	125	40.8	-25.3	0.0	2.1	0.0	0.0	13.5
299	17644883.86	4846369.86	0.10	0	D	160	41.6	-25.3	0.0	2.5	0.0	0.0	13.8
299	17644883.86	4846369.86	0.10	0	D	200	42.5	-25.3	0.0	3.2	0.0	0.0	14.0
299	17644883.86	4846369.86	0.10	0	D	250	43.7	-25.3	0.0	4.6	0.0	0.0	13.8
299	17644883.86	4846369.86	0.10	0	D	315	45.3	-25.3	0.0	5.5	0.0	0.0	14.5
299	17644883.86	4846369.86	0.10	0	D	400	47.2	-25.3	0.0	5.9	0.0	0.0	16.0
299	17644883.86	4846369.86	0.10	0	D	500	49.0	-25.3	0.0	7.7	0.0	0.0	16.1
299	17644883.86	4846369.86	0.10	0	D	630	49.7	-25.3	0.0	8.7	0.0	0.0	15.7
299	17644883.86	4846369.86	0.10	0	D	800	52.0	-25.3	0.0	9.0	0.0	0.0	17.7
299	17644883.86	4846369.86	0.10	0	D	1000	52.9	-25.3	0.0	10.6	0.0	0.0	17.0
299	17644883.86	4846369.86	0.10	0	D	1250	52.8	-25.3	0.0	11.4	0.0	0.0	16.1
299	17644883.86	4846369.86	0.10	0	D	1600	52.1	-25.3	0.0	14.0	0.0	0.0	12.8
299	17644883.86	4846369.86	0.10	0	D	2000	51.8	-25.3	0.0	16.4	0.0	0.0	10.2
3028	17644655.65	4846027.13	0.10	0	D	800	52.0	-37.6	0.0	2.8	0.0	0.0	11.6
3028	17644655.65	4846027.13	0.10	0	D	1000	52.9	-37.6	0.0	3.9	0.0	0.0	11.4
3028	17644655.65	4846027.13	0.10	0	D	1250	52.8	-37.6	0.0	5.1	0.0	0.0	10.1
3037	17644896.15	4846389.21	1.52	0	D	100	36.2	-24.1	0.0	2.0	0.0	0.0	10.1
3037	17644896.15	4846389.21	1.52	0	D	125	37.4	-24.1	0.0	2.4	0.0	0.0	10.9
3037	17644896.15	4846389.21	1.52	0	D	160	38.6	-24.1	0.0	3.4	0.0	0.0	11.1
3037	17644896.15	4846389.21	1.52	0	D	200	40.2	-24.1	0.0	5.3	0.0	0.0	10.7
3037	17644896.15	4846389.21	1.52	0	D	500	51.3	-24.1	0.0	10.1	0.0	0.0	17.1
3037	17644896.15	4846389.21	1.52	0	D	630	54.5	-24.1	0.0	8.8	0.0	0.0	21.5
3037	17644896.15	4846389.21	1.52	0	D	800	49.7	-24.1	0.0	11.0	0.0	0.0	14.5
3037	17644896.15	4846389.21	1.52	0	D	1250	47.0	-24.1	0.0	11.8	0.0	0.0	11.0
3039	17644889.49	4846378.72	1.52	0	D	630	54.5	-33.1	0.0	9.1	0.0	0.0	12.2
3040	17644883.86	4846369.86	1.52	0	D	500	51.3	-25.3	0.0	11.4	0.0	0.0	14.6

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3040	17644883.86	4846369.86	1.52	0	D	630	54.5	-25.3	0.0	8.9	0.0	0.0	20.3
3040	17644883.86	4846369.86	1.52	0	D	800	49.7	-25.3	0.0	9.6	0.0	0.0	14.8
3041	17644874.76	4846355.51	1.52	0	D	630	54.5	-26.2	0.0	17.1	0.0	0.0	11.1

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3890	17645051.36	4846237.75	4.44	0	D	84.6	7.8	12.0	0.0	15.0	0.0	49.8
3891	17645037.06	4846233.52	4.44	0	D	84.6	7.8	15.2	0.0	15.0	0.0	46.6
3892	17645029.17	4846231.18	4.44	0	D	84.6	7.8	17.8	0.0	15.0	0.0	44.0
3893	17645001.15	4846222.89	4.44	0	D	84.6	7.8	9.7	0.0	15.0	0.0	52.1
3894	17644968.29	4846213.16	4.44	0	D	84.6	7.8	16.5	0.0	12.9	0.0	47.4
3895	17644948.10	4846207.18	4.44	0	D	84.6	7.8	15.4	0.0	12.3	0.0	49.2
3896	17644919.18	4846198.62	4.44	0	D	84.6	7.8	15.5	0.0	11.0	0.0	50.4
3897	17644877.78	4846186.37	4.44	0	D	84.6	7.8	15.3	0.0	9.4	0.0	52.2
3898	17644849.68	4846178.05	4.44	0	D	84.6	7.8	25.2	0.0	15.0	0.0	36.6
3899	17644836.83	4846174.25	4.44	0	D	84.6	7.8	20.8	0.0	15.0	0.0	41.0
3901	17644816.83	4846168.33	4.44	0	D	84.6	7.8	21.2	0.0	15.0	0.0	40.7
3909	17645051.36	4846237.75	2.30	0	D	71.5	7.8	12.0	0.0	15.0	0.0	36.7
3910	17645037.06	4846233.52	2.30	0	D	71.5	7.8	15.2	0.0	15.0	0.0	33.5
3911	17645029.17	4846231.18	2.30	0	D	71.5	7.8	17.9	0.0	15.0	0.0	30.8
3912	17645001.15	4846222.89	2.30	0	D	71.5	7.8	9.8	0.0	15.0	0.0	39.0
3913	17644968.29	4846213.16	2.30	0	D	71.5	7.8	16.5	0.0	13.8	0.0	33.3
3914	17644948.10	4846207.18	2.30	0	D	71.5	7.8	15.4	0.0	13.2	0.0	35.1
3915	17644919.18	4846198.62	2.30	0	D	71.5	7.8	15.5	0.0	11.9	0.0	36.3
3916	17644877.78	4846186.37	2.30	0	D	71.5	7.8	15.3	0.0	10.4	0.0	38.0
3917	17644849.68	4846178.05	2.30	0	D	71.5	7.8	25.2	0.0	15.0	0.0	23.5
3918	17644826.48	4846171.18	2.30	0	D	71.5	7.8	18.0	0.0	15.0	0.0	30.7
3962	17645051.36	4846237.75	2.61	0	D	77.1	7.8	12.0	0.0	15.0	0.0	42.3
3963	17645037.06	4846233.52	2.61	0	D	77.1	7.8	15.2	0.0	15.0	0.0	39.1
3964	17645029.17	4846231.18	2.61	0	D	77.1	7.8	17.9	0.0	15.0	0.0	36.5
3965	17645001.15	4846222.89	2.61	0	D	77.1	7.8	9.8	0.0	15.0	0.0	44.6
3966	17644968.29	4846213.16	2.61	0	D	77.1	7.8	16.5	0.0	13.7	0.0	39.1
3967	17644948.10	4846207.18	2.61	0	D	77.1	7.8	15.4	0.0	13.1	0.0	40.8
3968	17644919.18	4846198.62	2.61	0	D	77.1	7.8	15.5	0.0	11.8	0.0	42.1
3969	17644877.78	4846186.37	2.61	0	D	77.1	7.8	15.3	0.0	10.3	0.0	43.8
3970	17644849.68	4846178.05	2.61	0	D	77.1	7.8	25.2	0.0	15.0	0.0	29.1
3971	17644826.48	4846171.18	2.61	0	D	77.1	7.8	18.0	0.0	15.0	0.0	36.3
4057	17644735.63	4846144.62	4.44	0	D	84.6	7.8	14.8	0.0	15.0	0.0	47.0
4067	17644643.81	4846117.22	4.44	0	D	84.6	7.2	22.7	0.0	15.0	0.0	39.7
4068	17644621.17	4846109.92	4.44	0	D	84.6	7.2	34.2	0.0	15.0	0.0	28.2
4070	17644573.66	4846094.61	4.44	0	D	84.6	7.2	20.6	0.0	15.0	0.0	41.8
4082	17644803.70	4846164.45	2.30	0	D	71.5	7.8	27.2	0.0	15.0	0.0	21.5
4083	17644732.85	4846143.81	2.30	0	D	71.5	7.8	15.0	0.0	15.0	0.0	33.6
4115	17644734.73	4846144.36	2.61	0	D	77.1	7.8	14.8	0.0	15.0	0.0	39.4
4120	17644494.84	4846066.48	4.44	0	D	84.6	4.3	26.1	0.0	15.0	0.0	39.2
4121	17644448.71	4846047.79	4.44	0	D	84.6	4.3	30.8	0.0	15.0	0.0	34.5
4140	17644384.37	4846018.03	4.44	0	D	84.6	1.4	28.5	0.0	15.0	0.0	39.7
4144	17644643.81	4846117.22	2.30	0	D	71.5	7.2	22.7	0.0	15.0	0.0	26.5
4146	17644573.66	4846094.61	2.30	0	D	71.5	7.2	20.6	0.0	15.0	0.0	28.7
4159	17644163.89	4845892.63	4.44	0	D	84.6	8.8	25.5	0.0	15.0	0.0	35.3
4160	17644095.84	4845848.70	4.44	0	D	84.6	8.8	25.5	0.0	15.0	0.0	35.3
4202	17644643.81	4846117.22	2.61	0	D	77.1	7.2	22.7	0.0	15.0	0.0	32.1
4204	17644573.66	4846094.61	2.61	0	D	77.1	7.2	20.6	0.0	15.0	0.0	34.3
4235	17644302.65	4845976.62	4.44	0	D	84.6	5.8	27.2	0.0	15.0	0.0	36.6
4266	17644481.68	4846061.15	2.30	0	D	71.5	4.4	24.7	0.0	15.0	0.0	27.4
4285	17644417.55	4846033.87	2.30	0	D	71.5	1.8	32.2	0.0	15.0	0.0	22.4
4286	17644366.37	4846009.44	2.30	0	D	71.5	1.8	30.2	0.0	15.0	0.0	24.4
4296	17644268.10	4845957.28	4.44	0	D	84.6	7.2	35.0	0.0	15.0	0.0	27.4
4297	17644247.34	4845945.02	4.44	0	D	84.6	7.2	29.1	0.0	15.0	0.0	33.4
4308	17644481.68	4846061.15	2.61	0	D	77.1	4.4	24.8	0.0	15.0	0.0	33.0
4321	17644152.70	4845885.41	2.30	0	D	71.5	8.8	24.2	0.0	15.0	0.0	23.5
4326	17644213.57	4845924.43	4.44	0	D	84.6	8.4	28.1	0.0	15.0	0.0	33.1

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4327	17644421.96	4846035.98	2.61	0	D	77.1	1.8	33.4	0.0	15.0	0.0	26.9
4328	17644370.78	4846011.55	2.61	0	D	77.1	1.8	29.7	0.0	15.0	0.0	30.6
4331	17644035.27	4845810.38	4.44	0	D	84.6	7.7	29.1	0.0	15.0	0.0	32.8
4336	17644158.86	4845889.39	2.61	0	D	77.1	8.8	24.8	0.0	15.0	0.0	28.5
4339	17644302.65	4845976.62	2.30	0	D	71.5	5.9	27.1	0.0	15.0	0.0	23.4
4346	17644302.65	4845976.62	2.61	0	D	77.1	5.9	27.2	0.0	15.0	0.0	29.0
4350	17644247.34	4845945.02	2.30	0	D	71.5	7.2	29.0	0.0	15.0	0.0	20.2
4362	17644213.57	4845924.43	2.30	0	D	71.5	8.4	28.1	0.0	15.0	0.0	20.0
4364	17644035.27	4845810.38	2.30	0	D	71.5	7.7	29.1	0.0	15.0	0.0	19.6

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3902	17645057.10	4846221.56	4.44	0	D	84.6	8.5	10.9	0.0	15.0	0.0	50.2
3903	17645084.86	4846229.95	4.44	0	D	84.6	8.5	10.7	0.0	15.0	0.0	50.4
3904	17645126.51	4846242.53	4.44	0	D	84.6	8.5	8.4	0.0	15.0	0.0	52.7
3905	17645159.87	4846252.60	4.44	0	D	84.6	8.5	16.6	0.0	15.0	0.0	44.5
3906	17645170.89	4846255.93	4.44	0	D	84.6	8.5	17.2	0.0	15.0	0.0	44.0
3907	17645188.64	4846261.29	4.44	0	D	84.6	8.5	14.3	0.0	15.0	0.0	46.8
3908	17645218.36	4846270.27	4.44	0	D	84.6	8.5	14.1	0.0	15.0	0.0	47.1
4004	17645057.10	4846221.56	2.30	0	D	71.5	8.5	10.9	0.0	15.0	0.0	37.0
4005	17645084.86	4846229.95	2.30	0	D	71.5	8.5	10.7	0.0	15.0	0.0	37.3
4006	17645126.51	4846242.53	2.30	0	D	71.5	8.5	8.4	0.0	15.0	0.0	39.5
4007	17645159.87	4846252.60	2.30	0	D	71.5	8.5	16.6	0.0	15.0	0.0	31.4
4008	17645170.89	4846255.93	2.30	0	D	71.5	8.5	17.2	0.0	15.0	0.0	30.8
4009	17645188.64	4846261.29	2.30	0	D	71.5	8.5	14.3	0.0	15.0	0.0	33.6
4010	17645218.36	4846270.27	2.30	0	D	71.5	8.5	14.1	0.0	15.0	0.0	33.9
4017	17645057.10	4846221.56	2.61	0	D	77.1	8.5	10.9	0.0	15.0	0.0	42.7
4018	17645084.86	4846229.95	2.61	0	D	77.1	8.5	10.7	0.0	15.0	0.0	42.9
4019	17645126.51	4846242.53	2.61	0	D	77.1	8.5	8.4	0.0	15.0	0.0	45.1
4020	17645159.87	4846252.60	2.61	0	D	77.1	8.5	16.6	0.0	15.0	0.0	37.0
4021	17645170.89	4846255.93	2.61	0	D	77.1	8.5	17.2	0.0	15.0	0.0	36.4
4022	17645188.64	4846261.29	2.61	0	D	77.1	8.5	14.3	0.0	15.0	0.0	39.3
4023	17645218.36	4846270.27	2.61	0	D	77.1	8.5	14.1	0.0	15.0	0.0	39.5
4050	17645240.65	4846277.12	4.44	0	D	84.6	8.6	20.3	0.0	15.0	0.0	40.7
4051	17645262.53	4846284.21	4.44	0	D	84.6	8.6	15.7	0.0	15.0	0.0	45.3
4052	17645280.79	4846290.14	4.44	0	D	84.6	8.6	27.6	0.0	7.8	0.0	40.6
4053	17645293.69	4846294.32	4.44	0	D	84.6	8.6	18.5	0.0	7.2	0.0	50.4
4054	17645351.46	4846312.80	4.44	0	D	84.6	8.6	14.2	0.0	5.0	0.0	56.8
4055	17645403.17	4846329.29	4.44	0	D	84.6	8.6	24.8	0.0	3.8	0.0	47.4
4056	17645413.38	4846332.54	4.44	0	D	84.6	8.6	25.9	0.0	3.5	0.0	46.6
4058	17645471.96	4846349.93	4.44	0	D	84.6	8.2	23.0	0.0	2.6	0.0	50.8
4059	17645489.16	4846354.97	4.44	0	D	84.6	8.2	28.6	0.0	2.3	0.0	45.5
4060	17645517.82	4846363.37	4.44	0	D	84.6	8.2	21.2	0.0	1.8	0.0	53.4
4061	17645550.79	4846373.03	4.44	0	D	84.6	8.2	26.6	0.0	1.4	0.0	48.4
4062	17645566.42	4846377.61	4.44	0	D	84.6	8.2	27.3	0.0	1.2	0.0	47.8
4063	17645574.68	4846380.03	4.44	0	D	84.6	8.2	36.7	0.0	1.1	0.0	38.5
4064	17645582.76	4846382.40	4.44	0	D	84.6	8.2	27.7	0.0	1.0	0.0	47.6
4071	17645240.65	4846277.12	2.30	0	D	71.5	8.6	20.3	0.0	15.0	0.0	27.5
4072	17645262.53	4846284.21	2.30	0	D	71.5	8.6	15.7	0.0	15.0	0.0	32.1
4073	17645291.28	4846293.54	2.30	0	D	71.5	8.6	18.3	0.0	8.6	0.0	35.9
4074	17645304.17	4846297.72	2.30	0	D	71.5	8.6	28.9	0.0	8.0	0.0	25.9
4077	17645351.46	4846312.80	2.30	0	D	71.5	8.6	14.2	0.0	6.2	0.0	42.5
4078	17645403.17	4846329.29	2.30	0	D	71.5	8.6	24.8	0.0	4.8	0.0	33.3
4079	17645413.38	4846332.54	2.30	0	D	71.5	8.6	25.9	0.0	4.5	0.0	32.5
4094	17645240.65	4846277.12	2.61	0	D	77.1	8.6	20.3	0.0	15.0	0.0	33.1
4095	17645262.53	4846284.21	2.61	0	D	77.1	8.6	15.7	0.0	15.0	0.0	37.8
4096	17645289.78	4846293.05	2.61	0	D	77.1	8.6	18.9	0.0	8.5	0.0	41.1
4097	17645302.67	4846297.23	2.61	0	D	77.1	8.6	25.2	0.0	7.9	0.0	35.4
4109	17645351.46	4846312.80	2.61	0	D	77.1	8.6	14.2	0.0	6.0	0.0	48.3
4110	17645403.17	4846329.29	2.61	0	D	77.1	8.6	24.8	0.0	4.6	0.0	39.1
4111	17645413.38	4846332.54	2.61	0	D	77.1	8.6	25.9	0.0	4.4	0.0	38.3
4116	17645421.61	4846335.08	4.44	0	D	84.6	8.3	27.5	0.0	3.5	0.0	45.3

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4117	17645436.27	4846339.42	4.44	0	D	84.6	8.3	23.0	0.0	3.2	0.0	50.2
4118	17645452.85	4846344.32	4.44	0	D	84.6	8.3	26.4	0.0	2.9	0.0	47.1
4119	17645458.52	4846346.00	4.44	0	D	84.6	8.3	41.5	0.0	2.8	0.0	32.0
4122	17645595.09	4846386.17	4.44	0	D	84.6	8.8	28.7	0.0	0.8	0.0	46.2
4123	17645607.71	4846390.28	4.44	0	D	84.6	8.8	27.3	0.0	0.7	0.0	47.8
4124	17645618.03	4846393.64	4.44	0	D	84.6	8.8	31.7	0.0	0.6	0.0	43.5
4125	17645638.33	4846400.25	4.44	0	D	84.6	8.8	24.1	0.0	0.5	0.0	51.2
4126	17645662.41	4846408.08	4.44	0	D	84.6	8.8	28.7	0.0	0.4	0.0	46.7
4133	17645471.96	4846349.93	2.30	0	D	71.5	8.2	23.0	0.0	3.5	0.0	36.8
4134	17645489.16	4846354.97	2.30	0	D	71.5	8.2	28.6	0.0	3.2	0.0	31.5
4135	17645517.82	4846363.37	2.30	0	D	71.5	8.2	21.2	0.0	2.7	0.0	39.4
4136	17645550.79	4846373.03	2.30	0	D	71.5	8.2	26.6	0.0	2.2	0.0	34.5
4137	17645566.42	4846377.61	2.30	0	D	71.5	8.2	27.3	0.0	1.9	0.0	34.0
4138	17645574.68	4846380.03	2.30	0	D	71.5	8.2	36.7	0.0	1.8	0.0	24.7
4139	17645582.76	4846382.40	2.30	0	D	71.5	8.2	27.7	0.0	1.7	0.0	33.8
4187	17645471.96	4846349.93	2.61	0	D	77.1	8.2	23.0	0.0	3.4	0.0	42.5
4188	17645489.16	4846354.97	2.61	0	D	77.1	8.2	28.6	0.0	3.0	0.0	37.2
4189	17645517.82	4846363.37	2.61	0	D	77.1	8.2	21.2	0.0	2.5	0.0	45.1
4190	17645550.79	4846373.03	2.61	0	D	77.1	8.2	26.6	0.0	2.0	0.0	40.2
4191	17645566.42	4846377.61	2.61	0	D	77.1	8.2	27.3	0.0	1.8	0.0	39.7
4192	17645574.68	4846380.03	2.61	0	D	77.1	8.2	36.7	0.0	1.7	0.0	30.4
4193	17645582.76	4846382.40	2.61	0	D	77.1	8.2	27.7	0.0	1.6	0.0	39.5
4256	17645421.61	4846335.08	2.30	0	D	71.5	8.3	27.5	0.0	4.5	0.0	31.2
4257	17645436.27	4846339.42	2.30	0	D	71.5	8.3	22.9	0.0	4.2	0.0	36.1
4258	17645452.85	4846344.32	2.30	0	D	71.5	8.3	26.4	0.0	3.9	0.0	33.0
4268	17645595.09	4846386.17	2.30	0	D	71.5	8.9	28.7	0.0	1.4	0.0	32.5
4269	17645607.71	4846390.28	2.30	0	D	71.5	8.9	27.3	0.0	1.3	0.0	34.1
4270	17645618.03	4846393.64	2.30	0	D	71.5	8.9	31.7	0.0	1.2	0.0	29.8
4271	17645638.33	4846400.25	2.30	0	D	71.5	8.9	24.1	0.0	1.0	0.0	37.6
4272	17645662.41	4846408.08	2.30	0	D	71.5	8.9	28.7	0.0	0.8	0.0	33.2
4298	17645421.61	4846335.08	2.61	0	D	77.1	8.3	27.5	0.0	4.4	0.0	36.9
4299	17645436.27	4846339.42	2.61	0	D	77.1	8.3	22.9	0.0	4.1	0.0	41.8
4300	17645452.85	4846344.32	2.61	0	D	77.1	8.3	26.4	0.0	3.7	0.0	38.7
4313	17645595.09	4846386.17	2.61	0	D	77.1	8.9	28.7	0.0	1.3	0.0	38.2
4315	17645607.71	4846390.28	2.61	0	D	77.1	8.9	27.3	0.0	1.2	0.0	39.8
4316	17645618.03	4846393.64	2.61	0	D	77.1	8.9	31.7	0.0	1.1	0.0	35.5
4317	17645638.33	4846400.25	2.61	0	D	77.1	8.9	24.1	0.0	0.9	0.0	43.3
4318	17645662.41	4846408.08	2.61	0	D	77.1	8.9	28.7	0.0	0.7	0.0	38.9

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3919	17645041.61	4846216.76	2.30	0	D	71.5	8.5	21.2	0.0	15.0	0.0	26.8
3920	17645034.27	4846214.73	2.30	0	D	71.5	8.5	15.2	0.0	15.0	0.0	32.7
3921	17645024.88	4846212.13	2.30	0	D	71.5	8.5	17.8	0.0	15.0	0.0	30.1
3922	17644991.96	4846203.03	2.30	0	D	71.5	8.5	9.7	0.0	15.0	0.0	38.2
3923	17644953.53	4846192.40	2.30	0	D	71.5	8.5	16.5	0.0	12.1	0.0	34.3
3924	17644943.98	4846189.76	2.30	0	D	71.5	8.5	28.9	0.0	12.1	0.0	22.0
3925	17644929.72	4846185.82	2.30	0	D	71.5	8.5	15.6	0.0	11.5	0.0	35.8
3926	17644897.32	4846176.86	2.30	0	D	71.5	8.5	15.5	0.0	10.2	0.0	37.2
3927	17644850.85	4846164.01	2.30	0	D	71.5	8.5	15.3	0.0	8.7	0.0	38.9
3928	17644819.55	4846155.35	2.30	0	D	71.5	8.5	25.2	0.0	15.0	0.0	22.7
3929	17644810.36	4846152.81	2.30	0	D	71.5	8.5	23.4	0.0	15.0	0.0	24.5
3930	17644735.67	4846132.16	2.30	0	D	71.5	8.5	14.3	0.0	15.0	0.0	33.6
3938	17645041.61	4846216.76	4.44	0	D	78.6	8.5	21.2	0.0	15.0	0.0	33.9
3939	17645034.27	4846214.73	4.44	0	D	78.6	8.5	15.2	0.0	15.0	0.0	39.9
3940	17645024.88	4846212.13	4.44	0	D	78.6	8.5	17.8	0.0	15.0	0.0	37.3
3941	17644991.96	4846203.03	4.44	0	D	78.6	8.5	9.7	0.0	15.0	0.0	45.3
3942	17644953.53	4846192.40	4.44	0	D	78.6	8.5	16.5	0.0	11.1	0.0	42.4
3943	17644943.98	4846189.76	4.44	0	D	78.6	8.5	28.9	0.0	11.1	0.0	30.1
3944	17644929.72	4846185.82	4.44	0	D	78.6	8.5	15.6	0.0	10.5	0.0	44.0
3945	17644897.32	4846176.86	4.44	0	D	78.6	8.5	15.5	0.0	9.2	0.0	45.4
3946	17644854.86	4846165.12	4.44	0	D	78.6	8.5	15.9	0.0	7.8	0.0	46.4

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3947	17644827.09	4846157.44	4.44	0	D	78.6	8.5	24.5	0.0	7.0	0.0	38.6
3948	17644819.55	4846155.35	4.44	0	D	78.6	8.5	25.3	0.0	15.0	0.0	29.8
3949	17644741.34	4846133.72	4.44	0	D	78.6	8.5	13.8	0.0	15.0	0.0	41.2
3980	17645041.61	4846216.76	2.61	0	D	77.1	8.5	21.2	0.0	15.0	0.0	32.4
3981	17645034.27	4846214.73	2.61	0	D	77.1	8.5	15.2	0.0	15.0	0.0	38.3
3982	17645024.88	4846212.13	2.61	0	D	77.1	8.5	17.8	0.0	15.0	0.0	35.7
3983	17644991.96	4846203.03	2.61	0	D	77.1	8.5	9.7	0.0	15.0	0.0	43.8
3984	17644953.53	4846192.40	2.61	0	D	77.1	8.5	16.5	0.0	12.0	0.0	40.1
3985	17644943.98	4846189.76	2.61	0	D	77.1	8.5	28.9	0.0	11.9	0.0	27.7
3986	17644929.72	4846185.82	2.61	0	D	77.1	8.5	15.6	0.0	11.3	0.0	41.6
3987	17644897.32	4846176.86	2.61	0	D	77.1	8.5	15.5	0.0	10.1	0.0	43.0
3988	17644850.85	4846164.01	2.61	0	D	77.1	8.5	15.3	0.0	8.6	0.0	44.7
3989	17644819.55	4846155.35	2.61	0	D	77.1	8.5	25.2	0.0	15.0	0.0	28.3
3990	17644812.25	4846153.33	2.61	0	D	77.1	8.5	25.1	0.0	15.0	0.0	28.4
3992	17644737.56	4846132.68	2.61	0	D	77.1	8.5	14.2	0.0	15.0	0.0	39.4
4147	17644637.77	4846103.66	2.30	0	D	71.5	7.7	21.1	0.0	15.0	0.0	27.7
4148	17644584.55	4846086.31	2.30	0	D	71.5	7.7	22.8	0.0	15.0	0.0	26.0
4150	17644543.88	4846073.05	2.30	0	D	71.5	7.7	26.4	0.0	15.0	0.0	22.4
4154	17644637.77	4846103.66	4.44	0	D	78.6	7.7	21.1	0.0	15.0	0.0	34.8
4155	17644584.55	4846086.31	4.44	0	D	78.6	7.7	22.8	0.0	15.0	0.0	33.1
4157	17644543.88	4846073.05	4.44	0	D	78.6	7.7	26.4	0.0	15.0	0.0	29.5
4208	17644637.77	4846103.66	2.61	0	D	77.1	7.7	21.1	0.0	15.0	0.0	33.3
4209	17644584.55	4846086.31	2.61	0	D	77.1	7.7	22.8	0.0	15.0	0.0	31.6
4211	17644543.88	4846073.05	2.61	0	D	77.1	7.7	26.4	0.0	15.0	0.0	28.0
4267	17644485.48	4846050.83	2.30	0	D	71.5	5.7	23.5	0.0	15.0	0.0	27.3
4287	17644498.30	4846055.89	4.44	0	D	78.6	5.6	24.8	0.0	15.0	0.0	33.2
4288	17644452.34	4846037.73	4.44	0	D	78.6	5.6	29.6	0.0	15.0	0.0	28.4
4289	17644421.06	4846024.17	2.30	0	D	71.5	2.4	31.5	0.0	15.0	0.0	22.5
4290	17644369.81	4846000.58	2.30	0	D	71.5	2.4	29.7	0.0	15.0	0.0	24.3
4302	17644388.26	4846009.07	4.44	0	D	78.6	2.1	27.8	0.0	15.0	0.0	33.7
4309	17644485.48	4846050.83	2.61	0	D	77.1	5.7	23.5	0.0	15.0	0.0	32.9
4329	17644425.50	4846026.21	2.61	0	D	77.1	2.4	32.7	0.0	15.0	0.0	27.0
4330	17644374.24	4846002.62	2.61	0	D	77.1	2.4	29.1	0.0	15.0	0.0	30.6
4340	17644306.82	4845968.87	2.30	0	D	71.5	5.0	28.1	0.0	15.0	0.0	23.4
4342	17644306.82	4845968.87	4.44	0	D	78.6	4.9	28.2	0.0	15.0	0.0	30.5
4348	17644306.82	4845968.87	2.61	0	D	77.1	5.0	28.1	0.0	15.0	0.0	29.0

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3931	17644920.18	4846194.14	4.44	0	D	78.6	8.0	17.8	0.0	10.7	0.0	42.1
3932	17644942.61	4846200.64	4.44	0	D	78.6	8.0	15.4	0.0	11.7	0.0	43.5
3933	17644963.74	4846206.77	4.44	0	D	78.6	8.0	16.5	0.0	12.3	0.0	41.8
3934	17644998.33	4846216.80	4.44	0	D	78.6	8.0	9.7	0.0	15.0	0.0	45.9
3935	17645027.86	4846225.36	4.44	0	D	78.6	8.0	17.8	0.0	15.0	0.0	37.8
3936	17645036.21	4846227.78	4.44	0	D	78.6	8.0	15.2	0.0	15.0	0.0	40.4
3937	17645050.60	4846231.95	4.44	0	D	78.6	8.0	12.4	0.0	15.0	0.0	43.3
3950	17645071.51	4846238.02	4.44	0	D	78.6	8.0	10.9	0.0	15.0	0.0	44.7
3951	17645095.07	4846244.85	4.44	0	D	78.6	8.0	11.1	0.0	15.0	0.0	44.6
3952	17645130.41	4846255.10	4.44	0	D	78.6	8.0	9.1	0.0	15.0	0.0	46.5
3953	17645158.91	4846263.37	4.44	0	D	78.6	8.0	17.2	0.0	15.0	0.0	38.5
3954	17645174.58	4846267.91	4.44	0	D	78.6	8.0	14.5	0.0	15.0	0.0	41.1
3972	17644920.18	4846194.14	2.30	0	D	71.6	8.0	17.8	0.0	11.7	0.0	34.1
3973	17644942.61	4846200.64	2.30	0	D	71.6	8.0	15.4	0.0	12.7	0.0	35.5
3974	17644963.74	4846206.77	2.30	0	D	71.6	8.0	16.5	0.0	13.3	0.0	33.8
3975	17644998.33	4846216.80	2.30	0	D	71.6	8.0	9.7	0.0	15.0	0.0	38.8
3976	17645027.86	4846225.36	2.30	0	D	71.6	8.0	17.8	0.0	15.0	0.0	30.7
3978	17645036.21	4846227.78	2.30	0	D	71.6	8.0	15.2	0.0	15.0	0.0	33.3
3979	17645050.60	4846231.95	2.30	0	D	71.6	8.0	12.4	0.0	15.0	0.0	36.1
3999	17645071.51	4846238.02	2.30	0	D	71.6	8.0	11.0	0.0	15.0	0.0	37.6
4000	17645095.07	4846244.85	2.30	0	D	71.6	8.0	11.1	0.0	15.0	0.0	37.4
4001	17645130.41	4846255.10	2.30	0	D	71.6	8.0	9.1	0.0	15.0	0.0	39.4
4002	17645158.91	4846263.37	2.30	0	D	71.6	8.0	17.2	0.0	15.0	0.0	31.4

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4003	17645174.58	4846267.91	2.30	0	D	71.6	8.0	14.5	0.0	15.0	0.0	34.0
4024	17644746.55	4846143.08	4.44	0	D	78.6	8.0	13.7	0.0	15.0	0.0	42.0
4025	17644832.37	4846168.34	4.44	0	D	78.6	8.0	24.8	0.0	15.0	0.0	30.9
4026	17644839.61	4846170.47	4.44	0	D	78.6	8.0	25.2	0.0	15.0	0.0	30.4
4027	17644869.04	4846179.13	4.44	0	D	78.6	8.0	15.3	0.0	8.8	0.0	46.5
4028	17644902.94	4846189.10	4.44	0	D	78.6	8.0	19.3	0.0	10.0	0.0	41.3
4029	17645248.86	4846289.25	4.44	0	D	78.6	8.0	17.0	0.0	15.0	0.0	38.6
4030	17645270.67	4846295.54	4.44	0	D	78.6	8.0	19.3	0.0	8.8	0.0	42.6
4031	17645330.80	4846312.91	4.44	0	D	78.6	8.0	13.7	0.0	6.1	0.0	50.9
4032	17645387.66	4846329.33	4.44	0	D	78.6	8.0	24.8	0.0	4.4	0.0	41.4
4033	17645401.98	4846333.46	4.44	0	D	78.6	8.0	23.6	0.0	4.1	0.0	42.9
4034	17645421.36	4846339.06	4.44	0	D	78.6	8.0	22.9	0.0	3.7	0.0	44.0
4035	17645437.73	4846343.78	4.44	0	D	78.6	8.0	26.4	0.0	3.3	0.0	41.0
4036	17645450.53	4846347.48	4.44	0	D	78.6	8.0	25.3	0.0	3.1	0.0	42.3
4037	17644733.41	4846139.22	2.30	0	D	71.6	8.0	14.8	0.0	15.0	0.0	33.7
4038	17644819.23	4846164.47	2.30	0	D	71.6	8.0	18.8	0.0	15.0	0.0	29.8
4039	17644839.61	4846170.47	2.30	0	D	71.6	8.0	25.2	0.0	15.0	0.0	23.4
4040	17644869.04	4846179.13	2.30	0	D	71.6	8.0	15.3	0.0	9.9	0.0	38.4
4041	17644902.94	4846189.10	2.30	0	D	71.6	8.0	19.3	0.0	11.1	0.0	33.2
4042	17645248.86	4846289.25	2.30	0	D	71.6	8.0	17.0	0.0	15.0	0.0	31.5
4043	17645281.25	4846298.60	2.30	0	D	71.6	8.0	16.3	0.0	9.5	0.0	37.7
4044	17645341.39	4846315.96	2.30	0	D	71.6	8.0	15.1	0.0	6.9	0.0	41.6
4045	17645387.66	4846329.33	2.30	0	D	71.6	8.0	24.8	0.0	5.5	0.0	33.2
4046	17645401.98	4846333.46	2.30	0	D	71.6	8.0	23.6	0.0	5.1	0.0	34.8
4047	17645421.36	4846339.06	2.30	0	D	71.6	8.0	22.9	0.0	4.7	0.0	35.9
4048	17645437.73	4846343.78	2.30	0	D	71.6	8.0	26.3	0.0	4.3	0.0	32.9
4049	17645450.53	4846347.48	2.30	0	D	71.6	8.0	25.3	0.0	4.0	0.0	34.2
4065	17645214.01	4846279.15	4.44	0	D	78.6	8.0	15.1	0.0	15.0	0.0	40.5
4066	17645232.22	4846284.44	4.44	0	D	78.6	8.0	21.4	0.0	15.0	0.0	34.2
4075	17645214.01	4846279.15	2.30	0	D	71.6	8.0	15.1	0.0	15.0	0.0	33.5
4076	17645232.22	4846284.44	2.30	0	D	71.6	8.0	21.4	0.0	15.0	0.0	27.1
4087	17644920.18	4846194.14	2.61	0	D	71.1	8.0	17.8	0.0	11.6	0.0	33.7
4088	17644942.61	4846200.64	2.61	0	D	71.1	8.0	15.4	0.0	12.5	0.0	35.1
4089	17644963.74	4846206.77	2.61	0	D	71.1	8.0	16.5	0.0	13.1	0.0	33.4
4090	17644998.33	4846216.80	2.61	0	D	71.1	8.0	9.7	0.0	15.0	0.0	38.3
4091	17645027.86	4846225.36	2.61	0	D	71.1	8.0	17.8	0.0	15.0	0.0	30.2
4092	17645036.21	4846227.78	2.61	0	D	71.1	8.0	15.2	0.0	15.0	0.0	32.8
4093	17645050.60	4846231.95	2.61	0	D	71.1	8.0	12.4	0.0	15.0	0.0	35.7
4100	17645071.51	4846238.02	2.61	0	D	71.1	8.0	11.0	0.0	15.0	0.0	37.1
4101	17645095.07	4846244.85	2.61	0	D	71.1	8.0	11.1	0.0	15.0	0.0	37.0
4102	17645130.41	4846255.10	2.61	0	D	71.1	8.0	9.1	0.0	15.0	0.0	38.9
4103	17645158.91	4846263.37	2.61	0	D	71.1	8.0	17.2	0.0	15.0	0.0	30.9
4104	17645174.58	4846267.91	2.61	0	D	71.1	8.0	14.5	0.0	15.0	0.0	33.5
4105	17644561.55	4846085.99	4.44	0	D	78.6	7.5	22.1	0.0	15.0	0.0	34.1
4107	17644619.43	4846104.51	4.44	0	D	78.6	7.5	22.8	0.0	15.0	0.0	33.3
4108	17644652.96	4846115.24	4.44	0	D	78.6	7.5	24.9	0.0	15.0	0.0	31.3
4112	17645185.88	4846271.18	4.44	0	D	78.6	7.9	27.9	0.0	15.0	0.0	27.8
4113	17645193.11	4846273.18	4.44	0	D	78.6	7.9	17.5	0.0	15.0	0.0	38.1
4127	17644561.55	4846085.99	2.30	0	D	71.6	7.5	22.0	0.0	15.0	0.0	27.0
4129	17644619.43	4846104.51	2.30	0	D	71.6	7.5	22.8	0.0	15.0	0.0	26.3
4130	17644652.96	4846115.24	2.30	0	D	71.6	7.5	24.8	0.0	15.0	0.0	24.2
4131	17645185.88	4846271.18	2.30	0	D	71.6	8.0	27.9	0.0	15.0	0.0	20.7
4132	17645193.11	4846273.18	2.30	0	D	71.6	8.0	17.5	0.0	15.0	0.0	31.1
4167	17644735.29	4846139.77	2.61	0	D	71.1	8.0	14.7	0.0	15.0	0.0	33.4
4168	17644821.11	4846165.02	2.61	0	D	71.1	8.0	19.2	0.0	15.0	0.0	28.9
4170	17644869.04	4846179.13	2.61	0	D	71.1	8.0	15.3	0.0	9.7	0.0	38.1
4171	17644902.94	4846189.10	2.61	0	D	71.1	8.0	19.3	0.0	10.9	0.0	32.9
4172	17645537.99	4846373.16	4.44	0	D	78.6	8.2	32.7	0.0	1.6	0.0	36.2
4173	17645546.77	4846375.79	4.44	0	D	78.6	8.2	27.3	0.0	1.4	0.0	41.7
4174	17645554.45	4846378.10	4.44	0	D	78.6	8.2	36.7	0.0	1.4	0.0	32.4
4175	17645567.52	4846382.02	4.44	0	D	78.6	8.2	25.2	0.0	1.2	0.0	44.1
4176	17645587.97	4846388.15	4.44	0	D	78.6	8.2	27.3	0.0	1.0	0.0	42.2
4177	17645599.28	4846391.54	4.44	0	D	78.6	8.2	31.6	0.0	0.9	0.0	37.9

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4178	17645606.45	4846393.69	4.44	0	D	78.6	8.2	30.6	0.0	0.8	0.0	39.0
4179	17645248.86	4846289.25	2.61	0	D	71.1	8.0	17.0	0.0	15.0	0.0	31.0
4180	17645279.74	4846298.16	2.61	0	D	71.1	8.0	16.6	0.0	9.4	0.0	37.0
4181	17645339.87	4846315.53	2.61	0	D	71.1	8.0	14.9	0.0	6.8	0.0	41.4
4182	17645387.66	4846329.33	2.61	0	D	71.1	8.0	24.8	0.0	5.4	0.0	32.9
4183	17645401.98	4846333.46	2.61	0	D	71.1	8.0	23.6	0.0	5.0	0.0	34.5
4184	17645421.36	4846339.06	2.61	0	D	71.1	8.0	22.9	0.0	4.5	0.0	35.6
4185	17645437.73	4846343.78	2.61	0	D	71.1	8.0	26.3	0.0	4.2	0.0	32.5
4186	17645450.53	4846347.48	2.61	0	D	71.1	8.0	25.3	0.0	3.9	0.0	33.8
4194	17645463.45	4846351.27	4.44	0	D	78.6	8.2	26.6	0.0	2.7	0.0	41.1
4195	17645472.68	4846354.04	4.44	0	D	78.6	8.2	28.6	0.0	2.6	0.0	39.3
4196	17645492.47	4846359.96	4.44	0	D	78.6	8.2	22.6	0.0	2.2	0.0	45.6
4205	17644450.21	4846043.53	4.44	0	D	78.6	4.6	30.5	0.0	15.0	0.0	28.5
4206	17644496.12	4846062.20	4.44	0	D	78.6	4.6	25.8	0.0	15.0	0.0	33.2
4224	17645537.99	4846373.16	2.30	0	D	71.6	8.2	32.7	0.0	2.3	0.0	28.3
4225	17645546.77	4846375.79	2.30	0	D	71.6	8.2	27.3	0.0	2.2	0.0	33.8
4226	17645554.45	4846378.10	2.30	0	D	71.6	8.2	36.7	0.0	2.1	0.0	24.5
4227	17645567.52	4846382.02	2.30	0	D	71.6	8.2	25.2	0.0	1.9	0.0	36.3
4228	17645587.97	4846388.15	2.30	0	D	71.6	8.2	27.2	0.0	1.7	0.0	34.5
4229	17645599.28	4846391.54	2.30	0	D	71.6	8.2	31.6	0.0	1.5	0.0	30.2
4230	17645606.45	4846393.69	2.30	0	D	71.6	8.2	30.6	0.0	1.4	0.0	31.3
4231	17644386.14	4846013.66	4.44	0	D	78.6	1.3	28.6	0.0	15.0	0.0	33.7
4232	17645463.45	4846351.27	2.30	0	D	71.6	8.2	26.6	0.0	3.7	0.0	33.1
4233	17645472.68	4846354.04	2.30	0	D	71.6	8.2	28.6	0.0	3.5	0.0	31.3
4234	17645492.47	4846359.96	2.30	0	D	71.6	8.2	22.6	0.0	3.1	0.0	37.7
4241	17644483.10	4846056.90	2.30	0	D	71.6	4.7	24.5	0.0	15.0	0.0	27.4
4264	17644368.04	4846004.94	2.30	0	D	71.6	1.7	30.3	0.0	15.0	0.0	24.5
4265	17644419.08	4846029.52	2.30	0	D	71.6	1.7	32.3	0.0	15.0	0.0	22.6
4280	17645625.09	4846399.40	4.44	0	D	78.6	8.4	25.2	0.0	0.6	0.0	44.5
4281	17645649.67	4846406.99	4.44	0	D	78.6	8.4	27.2	0.0	0.5	0.0	42.6
4282	17644116.17	4845856.90	4.44	0	D	78.6	8.6	26.2	0.0	15.0	0.0	28.8
4283	17644171.83	4845892.76	4.44	0	D	78.6	8.6	26.7	0.0	15.0	0.0	28.3
4294	17645516.09	4846366.92	4.44	0	D	78.6	7.9	26.7	0.0	2.0	0.0	42.1
4295	17645529.84	4846370.82	4.44	0	D	78.6	7.9	27.8	0.0	1.8	0.0	41.2
4303	17645625.09	4846399.40	2.30	0	D	71.6	8.4	25.1	0.0	1.2	0.0	36.8
4304	17645649.67	4846406.99	2.30	0	D	71.6	8.4	27.2	0.0	1.0	0.0	35.1
4312	17644154.20	4845881.41	2.30	0	D	71.6	8.6	24.3	0.0	15.0	0.0	23.6
4319	17644302.41	4845971.09	4.44	0	D	78.6	5.3	28.2	0.0	15.0	0.0	30.2
4324	17645516.09	4846366.92	2.30	0	D	71.6	7.9	26.7	0.0	2.8	0.0	34.1
4325	17645529.84	4846370.82	2.30	0	D	71.6	7.9	27.7	0.0	2.6	0.0	33.3
4332	17644302.41	4845971.09	2.30	0	D	71.6	5.3	28.1	0.0	15.0	0.0	23.1
4334	17645214.01	4846279.15	2.61	0	D	71.1	8.0	15.1	0.0	15.0	0.0	33.0
4335	17645232.22	4846284.44	2.61	0	D	71.1	8.0	21.4	0.0	15.0	0.0	26.6
4341	17644253.44	4845943.38	4.44	0	D	78.6	6.8	28.5	0.0	15.0	0.0	28.4
4343	17644253.44	4845943.38	2.30	0	D	71.6	6.8	28.4	0.0	15.0	0.0	21.3
4344	17644215.37	4845920.45	4.44	0	D	78.6	8.0	28.4	0.0	15.0	0.0	27.2
4345	17645667.65	4846412.62	4.44	0	D	78.6	8.6	28.2	0.0	0.4	0.0	41.5
4351	17644561.55	4846085.99	2.61	0	D	71.1	7.5	22.0	0.0	15.0	0.0	26.5
4355	17644215.37	4845920.45	2.30	0	D	71.6	8.0	28.4	0.0	15.0	0.0	20.1
4359	17645193.11	4846273.18	2.61	0	D	71.1	8.0	17.5	0.0	15.0	0.0	30.6
4360	17645667.65	4846412.62	2.30	0	D	71.6	8.6	28.2	0.0	0.8	0.0	34.0
4363	17644067.12	4845825.49	2.30	0	D	71.6	8.3	29.4	0.0	15.0	0.0	18.8
4369	17645537.99	4846373.16	2.61	0	D	71.1	8.2	32.7	0.0	2.2	0.0	27.9
4370	17645546.77	4846375.79	2.61	0	D	71.1	8.2	27.3	0.0	2.1	0.0	33.5
4372	17645567.52	4846382.02	2.61	0	D	71.1	8.2	25.2	0.0	1.8	0.0	35.9
4373	17645587.97	4846388.15	2.61	0	D	71.1	8.2	27.3	0.0	1.6	0.0	34.1
4374	17645599.28	4846391.54	2.61	0	D	71.1	8.2	31.6	0.0	1.4	0.0	29.8
4375	17645606.45	4846393.69	2.61	0	D	71.1	8.2	30.6	0.0	1.3	0.0	30.9
4376	17645463.45	4846351.27	2.61	0	D	71.1	8.2	26.6	0.0	3.5	0.0	32.7
4377	17645472.68	4846354.04	2.61	0	D	71.1	8.2	28.6	0.0	3.4	0.0	30.9
4378	17645492.47	4846359.96	2.61	0	D	71.1	8.2	22.6	0.0	3.0	0.0	37.3
4379	17644483.10	4846056.90	2.61	0	D	71.1	4.7	24.5	0.0	15.0	0.0	26.9
4385	17645625.09	4846399.40	2.61	0	D	71.1	8.4	25.1	0.0	1.1	0.0	36.4

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4386	17645649.67	4846406.99	2.61	0	D	71.1	8.4	27.2	0.0	0.9	0.0	34.6
4391	17645516.09	4846366.92	2.61	0	D	71.1	7.9	26.7	0.0	2.7	0.0	33.8
4392	17645529.84	4846370.82	2.61	0	D	71.1	7.9	27.7	0.0	2.5	0.0	32.9
4399	17645667.65	4846412.62	2.61	0	D	71.1	8.6	28.2	0.0	0.7	0.0	33.6

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
3955	17645082.86	4846247.04	2.30	0	D	71.5	7.8	8.2	0.0	15.0	0.0	40.5
3956	17645125.97	4846259.83	2.30	0	D	71.5	7.8	9.3	0.0	15.0	0.0	39.5
3957	17645152.11	4846267.59	2.30	0	D	71.5	7.8	17.2	0.0	15.0	0.0	31.5
3958	17645167.18	4846272.06	2.30	0	D	71.5	7.8	14.3	0.0	15.0	0.0	34.4
3960	17645196.82	4846280.85	2.30	0	D	71.5	7.8	13.1	0.0	15.0	0.0	35.6
3961	17645225.30	4846289.30	2.30	0	D	71.5	7.8	17.6	0.0	15.0	0.0	31.1
3993	17645082.86	4846247.04	4.44	0	D	78.6	7.8	8.1	0.0	15.0	0.0	47.7
3994	17645125.97	4846259.83	4.44	0	D	78.6	7.8	9.2	0.0	15.0	0.0	46.6
3995	17645152.11	4846267.59	4.44	0	D	78.6	7.8	17.2	0.0	15.0	0.0	38.7
3996	17645167.18	4846272.06	4.44	0	D	78.6	7.8	14.3	0.0	15.0	0.0	41.5
3997	17645196.82	4846280.85	4.44	0	D	78.6	7.8	13.1	0.0	15.0	0.0	42.7
3998	17645225.30	4846289.30	4.44	0	D	78.6	7.8	17.6	0.0	15.0	0.0	38.3
4011	17645082.86	4846247.04	2.61	0	D	77.1	7.8	8.2	0.0	15.0	0.0	46.2
4012	17645125.97	4846259.83	2.61	0	D	77.1	7.8	9.2	0.0	15.0	0.0	45.1
4013	17645152.11	4846267.59	2.61	0	D	77.1	7.8	17.2	0.0	15.0	0.0	37.1
4014	17645167.18	4846272.06	2.61	0	D	77.1	7.8	14.3	0.0	15.0	0.0	40.0
4015	17645196.82	4846280.85	2.61	0	D	77.1	7.8	13.1	0.0	15.0	0.0	41.2
4016	17645225.30	4846289.30	2.61	0	D	77.1	7.8	17.6	0.0	15.0	0.0	36.7
4080	17645240.76	4846293.78	2.30	0	D	71.5	7.7	20.2	0.0	15.0	0.0	28.6
4081	17645269.59	4846301.83	2.30	0	D	71.5	7.7	15.6	0.0	10.4	0.0	37.8
4084	17645240.76	4846293.78	4.44	0	D	78.6	7.6	20.2	0.0	15.0	0.0	35.8
4085	17645262.46	4846299.84	4.44	0	D	78.6	7.6	17.0	0.0	9.4	0.0	44.5
4086	17645285.15	4846306.17	4.44	0	D	78.6	7.6	21.3	0.0	8.3	0.0	41.5
4098	17645240.76	4846293.78	2.61	0	D	77.1	7.6	20.2	0.0	15.0	0.0	34.2
4099	17645269.59	4846301.83	2.61	0	D	77.1	7.6	15.6	0.0	10.2	0.0	43.6
4141	17645343.92	4846322.17	2.30	0	D	71.5	7.9	18.6	0.0	6.9	0.0	38.1
4142	17645368.25	4846329.37	2.30	0	D	71.5	7.9	24.8	0.0	6.1	0.0	32.7
4143	17645378.14	4846332.29	2.30	0	D	71.5	7.9	25.9	0.0	5.8	0.0	31.9
4151	17645343.92	4846322.17	4.44	0	D	78.6	7.8	18.7	0.0	5.7	0.0	46.4
4152	17645368.25	4846329.37	4.44	0	D	78.6	7.8	24.8	0.0	5.0	0.0	40.9
4153	17645378.14	4846332.29	4.44	0	D	78.6	7.8	25.9	0.0	4.8	0.0	40.1
4161	17645343.92	4846322.17	2.61	0	D	77.1	7.9	18.6	0.0	6.7	0.0	43.9
4162	17645368.25	4846329.37	2.61	0	D	77.1	7.9	24.8	0.0	5.9	0.0	38.5
4163	17645378.14	4846332.29	2.61	0	D	77.1	7.9	25.9	0.0	5.7	0.0	37.7
4165	17645295.78	4846309.06	2.30	0	D	71.5	7.4	24.9	0.0	9.3	0.0	29.8
4166	17645312.14	4846313.26	2.30	0	D	71.5	7.4	19.8	0.0	8.5	0.0	35.7
4197	17645479.17	4846360.95	2.30	0	D	71.5	7.7	21.5	0.0	3.6	0.0	38.7
4198	17645509.26	4846369.46	2.30	0	D	71.5	7.7	26.5	0.0	3.0	0.0	34.2
4199	17645524.37	4846373.73	2.30	0	D	71.5	7.7	27.3	0.0	2.8	0.0	33.7
4200	17645532.37	4846375.99	2.30	0	D	71.5	7.7	36.7	0.0	2.6	0.0	24.5
4201	17645534.22	4846376.51	2.30	0	D	71.5	7.7	36.0	0.0	2.6	0.0	25.2
4207	17645308.63	4846312.36	4.44	0	D	78.6	7.4	18.7	0.0	7.4	0.0	45.1
4212	17645546.48	4846380.08	2.30	0	D	71.5	7.9	25.5	0.0	2.3	0.0	35.8
4213	17645565.92	4846385.76	2.30	0	D	71.5	7.9	27.2	0.0	2.0	0.0	34.3
4214	17645577.22	4846389.06	2.30	0	D	71.5	7.9	31.6	0.0	1.9	0.0	30.1
4215	17645599.81	4846395.66	2.30	0	D	71.5	7.9	24.0	0.0	1.6	0.0	38.0
4216	17645626.84	4846403.55	2.30	0	D	71.5	7.9	28.6	0.0	1.3	0.0	33.7
4217	17645294.26	4846308.67	2.61	0	D	77.1	7.4	27.4	0.0	9.2	0.0	33.1
4218	17645310.61	4846312.87	2.61	0	D	77.1	7.4	19.3	0.0	8.4	0.0	41.9
4219	17645479.17	4846360.95	4.44	0	D	78.6	7.7	21.5	0.0	2.6	0.0	46.8
4220	17645509.26	4846369.46	4.44	0	D	78.6	7.7	26.5	0.0	2.1	0.0	42.3
4221	17645524.37	4846373.73	4.44	0	D	78.6	7.7	27.3	0.0	1.9	0.0	41.7
4222	17645532.37	4846375.99	4.44	0	D	78.6	7.7	36.7	0.0	1.8	0.0	32.5
4223	17645534.22	4846376.51	4.44	0	D	78.6	7.7	36.0	0.0	1.8	0.0	33.2
4236	17645546.48	4846380.08	4.44	0	D	78.6	7.9	25.5	0.0	1.5	0.0	43.7

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4237	17645565.92	4846385.76	4.44	0	D	78.6	7.9	27.3	0.0	1.3	0.0	42.2
4238	17645577.22	4846389.06	4.44	0	D	78.6	7.9	31.6	0.0	1.2	0.0	38.0
4239	17645599.81	4846395.66	4.44	0	D	78.6	7.9	24.0	0.0	0.9	0.0	45.8
4240	17645626.84	4846403.55	4.44	0	D	78.6	7.9	28.6	0.0	0.7	0.0	41.5
4242	17645385.90	4846334.59	2.30	0	D	71.5	7.9	27.4	0.0	5.6	0.0	30.5
4243	17645399.17	4846338.52	2.30	0	D	71.5	7.9	22.9	0.0	5.3	0.0	35.4
4244	17645414.15	4846342.95	2.30	0	D	71.5	7.9	26.3	0.0	4.9	0.0	32.4
4245	17645420.10	4846344.71	2.30	0	D	71.5	7.9	33.5	0.0	4.8	0.0	25.3
4246	17645479.17	4846360.95	2.61	0	D	77.1	7.7	21.5	0.0	3.5	0.0	44.4
4247	17645509.26	4846369.46	2.61	0	D	77.1	7.7	26.5	0.0	2.9	0.0	40.0
4248	17645524.37	4846373.73	2.61	0	D	77.1	7.7	27.3	0.0	2.7	0.0	39.5
4249	17645532.37	4846375.99	2.61	0	D	77.1	7.7	36.7	0.0	2.5	0.0	30.2
4250	17645534.22	4846376.51	2.61	0	D	77.1	7.7	36.0	0.0	2.5	0.0	30.9
4251	17645546.48	4846380.08	2.61	0	D	77.1	7.9	25.5	0.0	2.2	0.0	41.5
4252	17645565.92	4846385.76	2.61	0	D	77.1	7.9	27.2	0.0	1.9	0.0	40.0
4253	17645577.22	4846389.06	2.61	0	D	77.1	7.9	31.6	0.0	1.8	0.0	35.8
4254	17645599.81	4846395.66	2.61	0	D	77.1	7.9	24.0	0.0	1.5	0.0	43.7
4255	17645626.84	4846403.55	2.61	0	D	77.1	7.9	28.6	0.0	1.2	0.0	39.4
4260	17645385.90	4846334.59	4.44	0	D	78.6	7.8	27.5	0.0	4.6	0.0	38.7
4261	17645399.17	4846338.52	4.44	0	D	78.6	7.8	22.9	0.0	4.2	0.0	43.6
4262	17645414.15	4846342.95	4.44	0	D	78.6	7.8	26.4	0.0	3.9	0.0	40.5
4263	17645420.10	4846344.71	4.44	0	D	78.6	7.8	33.5	0.0	3.7	0.0	33.5
4273	17645433.44	4846348.33	2.30	0	D	71.5	7.5	23.3	0.0	4.7	0.0	36.0
4274	17645449.75	4846352.73	2.30	0	D	71.5	7.5	28.6	0.0	4.4	0.0	31.1
4275	17645455.37	4846354.25	2.30	0	D	71.5	7.5	32.5	0.0	4.3	0.0	27.3
4276	17645385.90	4846334.59	2.61	0	D	77.1	7.9	27.4	0.0	5.5	0.0	36.3
4277	17645399.17	4846338.52	2.61	0	D	77.1	7.9	22.9	0.0	5.1	0.0	41.2
4278	17645414.15	4846342.95	2.61	0	D	77.1	7.9	26.3	0.0	4.8	0.0	38.1
4279	17645420.10	4846344.71	2.61	0	D	77.1	7.9	33.5	0.0	4.6	0.0	31.1
4291	17645433.44	4846348.33	4.44	0	D	78.6	7.4	23.3	0.0	3.7	0.0	44.2
4292	17645449.75	4846352.73	4.44	0	D	78.6	7.4	28.6	0.0	3.3	0.0	39.2
4293	17645455.37	4846354.25	4.44	0	D	78.6	7.4	32.5	0.0	3.2	0.0	35.4
4305	17645433.44	4846348.33	2.61	0	D	77.1	7.5	23.3	0.0	4.6	0.0	41.8
4306	17645449.75	4846352.73	2.61	0	D	77.1	7.5	28.6	0.0	4.2	0.0	36.8
4307	17645455.37	4846354.25	2.61	0	D	77.1	7.5	32.5	0.0	4.1	0.0	33.0
4347	17645646.31	4846409.31	2.30	0	D	71.5	8.0	26.7	0.0	1.1	0.0	35.7
4356	17645646.31	4846409.31	4.44	0	D	78.6	8.0	26.7	0.0	0.5	0.0	43.3
4361	17645646.31	4846409.31	2.61	0	D	77.1	8.0	26.7	0.0	1.0	0.0	41.4

Receiver
Name: RP08
ID: RP08
X: 17644844.95 m
Y: 4846239.80 m
Z: 6.30 m

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
32	17644885.30	4846187.23	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	47.4	0.1	-3.0	0.0	0.0	15.1	0.0	0.0	20.1

Point Source, ISO 9613, Name: "Idling Locomotive", ID: "Rail0010"																				
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)
37	17644889.29	4846172.32	2.50	0	D	500	104.7	0.0	-25.1	0.0	0.0	49.2	0.2	-3.0	0.0	0.0	13.3	0.0	0.0	20.1

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
70	17644827.30	4846283.16	0.10	0	D	50	25.3	-13.5	0.0	-6.0	0.0	0.0	17.8
70	17644827.30	4846283.16	0.10	0	D	63	33.6	-13.5	0.0	-6.0	0.0	0.0	26.1
70	17644827.30	4846283.16	0.10	0	D	80	38.0	-13.5	0.0	-6.0	0.0	0.0	30.5
70	17644827.30	4846283.16	0.10	0	D	100	39.9	-13.5	0.0	-6.0	0.0	0.0	32.4
70	17644827.30	4846283.16	0.10	0	D	125	40.8	-13.5	0.0	-6.0	0.0	0.0	33.3
70	17644827.30	4846283.16	0.10	0	D	160	41.6	-13.5	0.0	-5.9	0.0	0.0	34.1
70	17644827.30	4846283.16	0.10	0	D	200	42.5	-13.5	0.0	-5.9	0.0	0.0	34.9
70	17644827.30	4846283.16	0.10	0	D	250	43.7	-13.5	0.0	-5.9	0.0	0.0	36.1
70	17644827.30	4846283.16	0.10	0	D	315	45.3	-13.5	0.0	-5.8	0.0	0.0	37.6
70	17644827.30	4846283.16	0.10	0	D	400	47.2	-13.5	0.0	-5.8	0.0	0.0	39.5
70	17644827.30	4846283.16	0.10	0	D	500	49.0	-13.5	0.0	-5.7	0.0	0.0	41.2
70	17644827.30	4846283.16	0.10	0	D	630	49.7	-13.5	0.0	-5.6	0.0	0.0	41.8
70	17644827.30	4846283.16	0.10	0	D	800	52.0	-13.5	0.0	-5.4	0.0	0.0	43.9
70	17644827.30	4846283.16	0.10	0	D	1000	52.9	-13.5	0.0	-5.2	0.0	0.0	44.6
70	17644827.30	4846283.16	0.10	0	D	1250	52.8	-13.5	0.0	-4.9	0.0	0.0	44.2
70	17644827.30	4846283.16	0.10	0	D	1600	52.1	-13.5	0.0	-4.4	0.0	0.0	43.0
70	17644827.30	4846283.16	0.10	0	D	2000	51.8	-13.5	0.0	-3.7	0.0	0.0	42.0
70	17644827.30	4846283.16	0.10	0	D	2500	50.3	-13.5	0.0	-2.6	0.0	0.0	39.4
70	17644827.30	4846283.16	0.10	0	D	3150	48.9	-13.5	0.0	-0.7	0.0	0.0	36.0
70	17644827.30	4846283.16	0.10	0	D	4000	47.0	-13.5	0.0	2.8	0.0	0.0	30.6
70	17644827.30	4846283.16	0.10	0	D	5000	44.7	-13.5	0.0	9.6	0.0	0.0	21.6
70	17644827.30	4846283.16	0.10	0	D	6300	42.1	-13.5	0.0	2.8	0.0	0.0	25.8
70	17644827.30	4846283.16	0.10	0	D	8000	39.5	-13.5	0.0	2.8	0.0	0.0	23.2
70	17644827.30	4846283.16	0.10	0	D	10000	36.8	-13.5	0.0	2.8	0.0	0.0	20.5
78	17644818.87	4846270.60	0.10	0	D	50	25.3	-15.2	0.0	-6.0	0.0	0.0	16.1
78	17644818.87	4846270.60	0.10	0	D	63	33.6	-15.2	0.0	-6.0	0.0	0.0	24.3
78	17644818.87	4846270.60	0.10	0	D	80	38.0	-15.2	0.0	-6.0	0.0	0.0	28.7
78	17644818.87	4846270.60	0.10	0	D	100	39.9	-15.2	0.0	-6.0	0.0	0.0	30.6
78	17644818.87	4846270.60	0.10	0	D	125	40.8	-15.2	0.0	-6.0	0.0	0.0	31.6
78	17644818.87	4846270.60	0.10	0	D	160	41.6	-15.2	0.0	-6.0	0.0	0.0	32.3
78	17644818.87	4846270.60	0.10	0	D	200	42.5	-15.2	0.0	-5.9	0.0	0.0	33.2
78	17644818.87	4846270.60	0.10	0	D	250	43.7	-15.2	0.0	-5.9	0.0	0.0	34.3
78	17644818.87	4846270.60	0.10	0	D	315	45.3	-15.2	0.0	-5.8	0.0	0.0	35.9
78	17644818.87	4846270.60	0.10	0	D	400	47.2	-15.2	0.0	-5.8	0.0	0.0	37.7
78	17644818.87	4846270.60	0.10	0	D	500	49.0	-15.2	0.0	-5.7	0.0	0.0	39.4
78	17644818.87	4846270.60	0.10	0	D	630	49.7	-15.2	0.0	-5.6	0.0	0.0	40.0
78	17644818.87	4846270.60	0.10	0	D	800	52.0	-15.2	0.0	-5.4	0.0	0.0	42.2
78	17644818.87	4846270.60	0.10	0	D	1000	52.9	-15.2	0.0	-5.2	0.0	0.0	42.8
78	17644818.87	4846270.60	0.10	0	D	1250	52.8	-15.2	0.0	-4.8	0.0	0.0	42.4
78	17644818.87	4846270.60	0.10	0	D	1600	52.1	-15.2	0.0	-4.3	0.0	0.0	41.1
78	17644818.87	4846270.60	0.10	0	D	2000	51.8	-15.2	0.0	-3.4	0.0	0.0	40.0
78	17644818.87	4846270.60	0.10	0	D	2500	50.3	-15.2	0.0	-2.1	0.0	0.0	37.1
78	17644818.87	4846270.60	0.10	0	D	3150	48.9	-15.2	0.0	0.3	0.0	0.0	33.3

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
78	17644818.87	4846270.60	0.10	0	D	4000	47.0	-15.2	0.0	5.2	0.0	0.0	26.5
78	17644818.87	4846270.60	0.10	0	D	5000	44.7	-15.2	0.0	16.4	0.0	0.0	13.0
78	17644818.87	4846270.60	0.10	0	D	6300	42.1	-15.2	0.0	5.2	0.0	0.0	21.7
78	17644818.87	4846270.60	0.10	0	D	8000	39.5	-15.2	0.0	5.2	0.0	0.0	19.1
78	17644818.87	4846270.60	0.10	0	D	10000	36.8	-15.2	0.0	5.2	0.0	0.0	16.4
84	17644813.26	4846262.22	0.10	0	D	50	25.3	-14.9	0.0	-6.0	0.0	0.0	16.4
84	17644813.26	4846262.22	0.10	0	D	63	33.6	-14.9	0.0	-6.0	0.0	0.0	24.6
84	17644813.26	4846262.22	0.10	0	D	80	38.0	-14.9	0.0	-6.0	0.0	0.0	29.0
84	17644813.26	4846262.22	0.10	0	D	100	39.9	-14.9	0.0	-6.0	0.0	0.0	31.0
84	17644813.26	4846262.22	0.10	0	D	125	40.8	-14.9	0.0	-6.0	0.0	0.0	31.9
84	17644813.26	4846262.22	0.10	0	D	160	41.6	-14.9	0.0	-6.0	0.0	0.0	32.6
84	17644813.26	4846262.22	0.10	0	D	200	42.5	-14.9	0.0	-5.9	0.0	0.0	33.5
84	17644813.26	4846262.22	0.10	0	D	250	43.7	-14.9	0.0	-5.9	0.0	0.0	34.7
84	17644813.26	4846262.22	0.10	0	D	315	45.3	-14.9	0.0	-5.8	0.0	0.0	36.2
84	17644813.26	4846262.22	0.10	0	D	400	47.2	-14.9	0.0	-5.8	0.0	0.0	38.0
84	17644813.26	4846262.22	0.10	0	D	500	49.0	-14.9	0.0	-5.7	0.0	0.0	39.8
84	17644813.26	4846262.22	0.10	0	D	630	49.7	-14.9	0.0	-5.6	0.0	0.0	40.4
84	17644813.26	4846262.22	0.10	0	D	800	52.0	-14.9	0.0	-5.4	0.0	0.0	42.5
84	17644813.26	4846262.22	0.10	0	D	1000	52.9	-14.9	0.0	-5.2	0.0	0.0	43.1
84	17644813.26	4846262.22	0.10	0	D	1250	52.8	-14.9	0.0	-4.8	0.0	0.0	42.7
84	17644813.26	4846262.22	0.10	0	D	1600	52.1	-14.9	0.0	-4.2	0.0	0.0	41.4
84	17644813.26	4846262.22	0.10	0	D	2000	51.8	-14.9	0.0	-3.3	0.0	0.0	40.2
84	17644813.26	4846262.22	0.10	0	D	2500	50.3	-14.9	0.0	-1.9	0.0	0.0	37.3
84	17644813.26	4846262.22	0.10	0	D	3150	48.9	-14.9	0.0	0.7	0.0	0.0	33.3
84	17644813.26	4846262.22	0.10	0	D	4000	47.0	-14.9	0.0	6.1	0.0	0.0	26.0
84	17644813.26	4846262.22	0.10	0	D	5000	44.7	-14.9	0.0	17.6	0.0	0.0	12.1
84	17644813.26	4846262.22	0.10	0	D	6300	42.1	-14.9	0.0	6.1	0.0	0.0	21.1
84	17644813.26	4846262.22	0.10	0	D	8000	39.5	-14.9	0.0	6.1	0.0	0.0	18.5
84	17644813.26	4846262.22	0.10	0	D	10000	36.8	-14.9	0.0	6.1	0.0	0.0	15.8
86	17644804.83	4846249.65	0.10	0	D	50	25.3	-12.5	0.0	-6.0	0.0	0.0	18.8
86	17644804.83	4846249.65	0.10	0	D	63	33.6	-12.5	0.0	-6.0	0.0	0.0	27.1
86	17644804.83	4846249.65	0.10	0	D	80	38.0	-12.5	0.0	-6.0	0.0	0.0	31.5
86	17644804.83	4846249.65	0.10	0	D	100	39.9	-12.5	0.0	-6.0	0.0	0.0	33.4
86	17644804.83	4846249.65	0.10	0	D	125	40.8	-12.5	0.0	-6.0	0.0	0.0	34.3
86	17644804.83	4846249.65	0.10	0	D	160	41.6	-12.5	0.0	-6.0	0.0	0.0	35.1
86	17644804.83	4846249.65	0.10	0	D	200	42.5	-12.5	0.0	-5.9	0.0	0.0	35.9
86	17644804.83	4846249.65	0.10	0	D	250	43.7	-12.5	0.0	-5.9	0.0	0.0	37.1
86	17644804.83	4846249.65	0.10	0	D	315	45.3	-12.5	0.0	-5.8	0.0	0.0	38.7
86	17644804.83	4846249.65	0.10	0	D	400	47.2	-12.5	0.0	-5.8	0.0	0.0	40.5
86	17644804.83	4846249.65	0.10	0	D	500	49.0	-12.5	0.0	-5.7	0.0	0.0	42.2
86	17644804.83	4846249.65	0.10	0	D	630	49.7	-12.5	0.0	-5.6	0.0	0.0	42.8
86	17644804.83	4846249.65	0.10	0	D	800	52.0	-12.5	0.0	-5.4	0.0	0.0	45.0
86	17644804.83	4846249.65	0.10	0	D	1000	52.9	-12.5	0.0	-5.2	0.0	0.0	45.6
86	17644804.83	4846249.65	0.10	0	D	1250	52.8	-12.5	0.0	-4.9	0.0	0.0	45.2
86	17644804.83	4846249.65	0.10	0	D	1600	52.1	-12.5	0.0	-4.3	0.0	0.0	43.9
86	17644804.83	4846249.65	0.10	0	D	2000	51.8	-12.5	0.0	-3.5	0.0	0.0	42.8
86	17644804.83	4846249.65	0.10	0	D	2500	50.3	-12.5	0.0	-2.2	0.0	0.0	40.0
86	17644804.83	4846249.65	0.10	0	D	3150	48.9	-12.5	0.0	0.1	0.0	0.0	36.3
86	17644804.83	4846249.65	0.10	0	D	4000	47.0	-12.5	0.0	4.7	0.0	0.0	29.8
86	17644804.83	4846249.65	0.10	0	D	5000	44.7	-12.5	0.0	15.1	0.0	0.0	17.1
86	17644804.83	4846249.65	0.10	0	D	6300	42.1	-12.5	0.0	4.7	0.0	0.0	25.0
86	17644804.83	4846249.65	0.10	0	D	8000	39.5	-12.5	0.0	4.7	0.0	0.0	22.3
86	17644804.83	4846249.65	0.10	0	D	10000	36.8	-12.5	0.0	4.7	0.0	0.0	19.7
89	17644793.60	4846232.89	0.10	0	D	50	25.3	-14.3	0.0	-6.0	0.0	0.0	17.0
89	17644793.60	4846232.89	0.10	0	D	63	33.6	-14.3	0.0	-6.0	0.0	0.0	25.2
89	17644793.60	4846232.89	0.10	0	D	80	38.0	-14.3	0.0	-6.0	0.0	0.0	29.6
89	17644793.60	4846232.89	0.10	0	D	100	39.9	-14.3	0.0	-6.0	0.0	0.0	31.5
89	17644793.60	4846232.89	0.10	0	D	125	40.8	-14.3	0.0	-6.0	0.0	0.0	32.5
89	17644793.60	4846232.89	0.10	0	D	160	41.6	-14.3	0.0	-5.9	0.0	0.0	33.2
89	17644793.60	4846232.89	0.10	0	D	200	42.5	-14.3	0.0	-5.9	0.0	0.0	34.0
89	17644793.60	4846232.89	0.10	0	D	250	43.7	-14.3	0.0	-5.9	0.0	0.0	35.2
89	17644793.60	4846232.89	0.10	0	D	315	45.3	-14.3	0.0	-5.8	0.0	0.0	36.8
89	17644793.60	4846232.89	0.10	0	D	400	47.2	-14.3	0.0	-5.7	0.0	0.0	38.6

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
89	17644793.60	4846232.89	0.10	0	D	500	49.0	-14.3	0.0	-5.7	0.0	0.0	40.3
89	17644793.60	4846232.89	0.10	0	D	630	49.7	-14.3	0.0	-5.6	0.0	0.0	40.9
89	17644793.60	4846232.89	0.10	0	D	800	52.0	-14.3	0.0	-5.4	0.0	0.0	43.1
89	17644793.60	4846232.89	0.10	0	D	1000	52.9	-14.3	0.0	-5.2	0.0	0.0	43.8
89	17644793.60	4846232.89	0.10	0	D	1250	52.8	-14.3	0.0	-4.9	0.0	0.0	43.4
89	17644793.60	4846232.89	0.10	0	D	1600	52.1	-14.3	0.0	-4.5	0.0	0.0	42.2
89	17644793.60	4846232.89	0.10	0	D	2000	51.8	-14.3	0.0	-3.8	0.0	0.0	41.3
89	17644793.60	4846232.89	0.10	0	D	2500	50.3	-14.3	0.0	-2.8	0.0	0.0	38.7
89	17644793.60	4846232.89	0.10	0	D	3150	48.9	-14.3	0.0	-1.1	0.0	0.0	35.6
89	17644793.60	4846232.89	0.10	0	D	4000	47.0	-14.3	0.0	1.9	0.0	0.0	30.7
89	17644793.60	4846232.89	0.10	0	D	5000	44.7	-14.3	0.0	7.1	0.0	0.0	23.2
89	17644793.60	4846232.89	0.10	0	D	6300	42.1	-14.3	0.0	1.9	0.0	0.0	25.9
89	17644793.60	4846232.89	0.10	0	D	8000	39.5	-14.3	0.0	1.9	0.0	0.0	23.3
89	17644793.60	4846232.89	0.10	0	D	10000	36.8	-14.3	0.0	1.9	0.0	0.0	20.6
92	17644782.36	4846216.13	0.10	0	D	50	25.3	-16.5	0.0	-6.0	0.0	0.0	14.8
92	17644782.36	4846216.13	0.10	0	D	63	33.6	-16.5	0.0	-6.0	0.0	0.0	23.0
92	17644782.36	4846216.13	0.10	0	D	80	38.0	-16.5	0.0	-6.0	0.0	0.0	27.4
92	17644782.36	4846216.13	0.10	0	D	100	39.9	-16.5	0.0	-6.0	0.0	0.0	29.3
92	17644782.36	4846216.13	0.10	0	D	125	40.8	-16.5	0.0	-6.0	0.0	0.0	30.2
92	17644782.36	4846216.13	0.10	0	D	160	41.6	-16.5	0.0	-5.9	0.0	0.0	31.0
92	17644782.36	4846216.13	0.10	0	D	200	42.5	-16.5	0.0	-5.9	0.0	0.0	31.8
92	17644782.36	4846216.13	0.10	0	D	250	43.7	-16.5	0.0	-5.8	0.0	0.0	33.0
92	17644782.36	4846216.13	0.10	0	D	315	45.3	-16.5	0.0	-5.8	0.0	0.0	34.5
92	17644782.36	4846216.13	0.10	0	D	400	47.2	-16.5	0.0	-5.7	0.0	0.0	36.3
92	17644782.36	4846216.13	0.10	0	D	500	49.0	-16.5	0.0	-5.6	0.0	0.0	38.1
92	17644782.36	4846216.13	0.10	0	D	630	49.7	-16.5	0.0	-5.5	0.0	0.0	38.7
92	17644782.36	4846216.13	0.10	0	D	800	52.0	-16.5	0.0	-5.4	0.0	0.0	40.8
92	17644782.36	4846216.13	0.10	0	D	1000	52.9	-16.5	0.0	-5.2	0.0	0.0	41.5
92	17644782.36	4846216.13	0.10	0	D	1250	52.8	-16.5	0.0	-4.9	0.0	0.0	41.2
92	17644782.36	4846216.13	0.10	0	D	1600	52.1	-16.5	0.0	-4.5	0.0	0.0	40.0
92	17644782.36	4846216.13	0.10	0	D	2000	51.8	-16.5	0.0	-3.9	0.0	0.0	39.1
92	17644782.36	4846216.13	0.10	0	D	2500	50.3	-16.5	0.0	-3.0	0.0	0.0	36.7
92	17644782.36	4846216.13	0.10	0	D	3150	48.9	-16.5	0.0	-1.6	0.0	0.0	33.9
92	17644782.36	4846216.13	0.10	0	D	4000	47.0	-16.5	0.0	0.8	0.0	0.0	29.6
92	17644782.36	4846216.13	0.10	0	D	5000	44.7	-16.5	0.0	4.3	0.0	0.0	23.8
92	17644782.36	4846216.13	0.10	0	D	6300	42.1	-16.5	0.0	0.8	0.0	0.0	24.8
92	17644782.36	4846216.13	0.10	0	D	8000	39.5	-16.5	0.0	0.8	0.0	0.0	22.2
92	17644782.36	4846216.13	0.10	0	D	10000	36.8	-16.5	0.0	0.8	0.0	0.0	19.5
94	17644771.13	4846199.38	0.10	0	D	50	25.3	-18.6	0.0	-6.0	0.0	0.0	12.7
94	17644771.13	4846199.38	0.10	0	D	63	33.6	-18.6	0.0	-6.0	0.0	0.0	21.0
94	17644771.13	4846199.38	0.10	0	D	80	38.0	-18.6	0.0	-6.0	0.0	0.0	25.4
94	17644771.13	4846199.38	0.10	0	D	100	39.9	-18.6	0.0	-6.0	0.0	0.0	27.3
94	17644771.13	4846199.38	0.10	0	D	125	40.8	-18.6	0.0	-6.0	0.0	0.0	28.2
94	17644771.13	4846199.38	0.10	0	D	160	41.6	-18.6	0.0	-5.9	0.0	0.0	29.0
94	17644771.13	4846199.38	0.10	0	D	200	42.5	-18.6	0.0	-5.9	0.0	0.0	29.8
94	17644771.13	4846199.38	0.10	0	D	250	43.7	-18.6	0.0	-5.8	0.0	0.0	31.0
94	17644771.13	4846199.38	0.10	0	D	315	45.3	-18.6	0.0	-5.7	0.0	0.0	32.5
94	17644771.13	4846199.38	0.10	0	D	400	47.2	-18.6	0.0	-5.7	0.0	0.0	34.3
94	17644771.13	4846199.38	0.10	0	D	500	49.0	-18.6	0.0	-5.6	0.0	0.0	36.0
94	17644771.13	4846199.38	0.10	0	D	630	49.7	-18.6	0.0	-5.4	0.0	0.0	36.6
94	17644771.13	4846199.38	0.10	0	D	800	52.0	-18.6	0.0	-5.3	0.0	0.0	38.7
94	17644771.13	4846199.38	0.10	0	D	1000	52.9	-18.6	0.0	-5.1	0.0	0.0	39.4
94	17644771.13	4846199.38	0.10	0	D	1250	52.8	-18.6	0.0	-4.8	0.0	0.0	39.0
94	17644771.13	4846199.38	0.10	0	D	1600	52.1	-18.6	0.0	-4.3	0.0	0.0	37.8
94	17644771.13	4846199.38	0.10	0	D	2000	51.8	-18.6	0.0	-3.7	0.0	0.0	37.0
94	17644771.13	4846199.38	0.10	0	D	2500	50.3	-18.6	0.0	-2.8	0.0	0.0	34.6
94	17644771.13	4846199.38	0.10	0	D	3150	48.9	-18.6	0.0	-1.5	0.0	0.0	31.8
94	17644771.13	4846199.38	0.10	0	D	4000	47.0	-18.6	0.0	0.7	0.0	0.0	27.7
94	17644771.13	4846199.38	0.10	0	D	5000	44.7	-18.6	0.0	3.9	0.0	0.0	22.2
94	17644771.13	4846199.38	0.10	0	D	6300	42.1	-18.6	0.0	0.7	0.0	0.0	22.9
94	17644771.13	4846199.38	0.10	0	D	8000	39.5	-18.6	0.0	0.7	0.0	0.0	20.3
94	17644771.13	4846199.38	0.10	0	D	10000	36.8	-18.6	0.0	0.7	0.0	0.0	17.6
100	17644754.27	4846174.24	0.10	0	D	50	25.3	-17.9	0.0	-6.0	0.0	0.0	13.4

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
100	17644754.27	4846174.24	0.10	0	D	63	33.6	-17.9	0.0	-6.0	0.0	0.0	21.6
100	17644754.27	4846174.24	0.10	0	D	80	38.0	-17.9	0.0	-6.0	0.0	0.0	26.0
100	17644754.27	4846174.24	0.10	0	D	100	39.9	-17.9	0.0	-6.0	0.0	0.0	27.9
100	17644754.27	4846174.24	0.10	0	D	125	40.8	-17.9	0.0	-5.9	0.0	0.0	28.8
100	17644754.27	4846174.24	0.10	0	D	160	41.6	-17.9	0.0	-5.9	0.0	0.0	29.6
100	17644754.27	4846174.24	0.10	0	D	200	42.5	-17.9	0.0	-5.9	0.0	0.0	30.4
100	17644754.27	4846174.24	0.10	0	D	250	43.7	-17.9	0.0	-5.8	0.0	0.0	31.5
100	17644754.27	4846174.24	0.10	0	D	315	45.3	-17.9	0.0	-5.7	0.0	0.0	33.0
100	17644754.27	4846174.24	0.10	0	D	400	47.2	-17.9	0.0	-5.6	0.0	0.0	34.8
100	17644754.27	4846174.24	0.10	0	D	500	49.0	-17.9	0.0	-5.5	0.0	0.0	36.5
100	17644754.27	4846174.24	0.10	0	D	630	49.7	-17.9	0.0	-5.3	0.0	0.0	37.1
100	17644754.27	4846174.24	0.10	0	D	800	52.0	-17.9	0.0	-5.1	0.0	0.0	39.2
100	17644754.27	4846174.24	0.10	0	D	1000	52.9	-17.9	0.0	-4.9	0.0	0.0	39.8
100	17644754.27	4846174.24	0.10	0	D	1250	52.8	-17.9	0.0	-4.5	0.0	0.0	39.4
100	17644754.27	4846174.24	0.10	0	D	1600	52.1	-17.9	0.0	-4.0	0.0	0.0	38.1
100	17644754.27	4846174.24	0.10	0	D	2000	51.8	-17.9	0.0	-3.3	0.0	0.0	37.2
100	17644754.27	4846174.24	0.10	0	D	2500	50.3	-17.9	0.0	-2.4	0.0	0.0	34.7
100	17644754.27	4846174.24	0.10	0	D	3150	48.9	-17.9	0.0	-0.9	0.0	0.0	31.8
100	17644754.27	4846174.24	0.10	0	D	4000	47.0	-17.9	0.0	1.4	0.0	0.0	27.6
100	17644754.27	4846174.24	0.10	0	D	5000	44.7	-17.9	0.0	4.7	0.0	0.0	22.0
100	17644754.27	4846174.24	0.10	0	D	6300	42.1	-17.9	0.0	1.4	0.0	0.0	22.8
100	17644754.27	4846174.24	0.10	0	D	8000	39.5	-17.9	0.0	1.4	0.0	0.0	20.1
100	17644754.27	4846174.24	0.10	0	D	10000	36.8	-17.9	0.0	1.4	0.0	0.0	17.5
109	17644720.57	4846123.97	0.10	0	D	50	25.3	-18.4	0.0	-6.0	0.0	0.0	12.8
109	17644720.57	4846123.97	0.10	0	D	63	33.6	-18.4	0.0	-6.0	0.0	0.0	21.1
109	17644720.57	4846123.97	0.10	0	D	80	38.0	-18.4	0.0	-6.0	0.0	0.0	25.5
109	17644720.57	4846123.97	0.10	0	D	100	39.9	-18.4	0.0	-5.9	0.0	0.0	27.4
109	17644720.57	4846123.97	0.10	0	D	125	40.8	-18.4	0.0	-5.9	0.0	0.0	28.3
109	17644720.57	4846123.97	0.10	0	D	160	41.6	-18.4	0.0	-5.9	0.0	0.0	29.0
109	17644720.57	4846123.97	0.10	0	D	200	42.5	-18.4	0.0	-5.8	0.0	0.0	29.8
109	17644720.57	4846123.97	0.10	0	D	250	43.7	-18.4	0.0	-5.7	0.0	0.0	30.9
109	17644720.57	4846123.97	0.10	0	D	315	45.3	-18.4	0.0	-5.6	0.0	0.0	32.4
109	17644720.57	4846123.97	0.10	0	D	400	47.2	-18.4	0.0	-5.4	0.0	0.0	34.2
109	17644720.57	4846123.97	0.10	0	D	500	49.0	-18.4	0.0	-5.3	0.0	0.0	35.8
109	17644720.57	4846123.97	0.10	0	D	630	49.7	-18.4	0.0	-5.1	0.0	0.0	36.3
109	17644720.57	4846123.97	0.10	0	D	800	52.0	-18.4	0.0	-4.8	0.0	0.0	38.4
109	17644720.57	4846123.97	0.10	0	D	1000	52.9	-18.4	0.0	-4.4	0.0	0.0	38.9
109	17644720.57	4846123.97	0.10	0	D	1250	52.8	-18.4	0.0	-4.0	0.0	0.0	38.3
109	17644720.57	4846123.97	0.10	0	D	1600	52.1	-18.4	0.0	-3.2	0.0	0.0	36.9
109	17644720.57	4846123.97	0.10	0	D	2000	51.8	-18.4	0.0	-2.3	0.0	0.0	35.7
109	17644720.57	4846123.97	0.10	0	D	2500	50.3	-18.4	0.0	-1.0	0.0	0.0	32.9
109	17644720.57	4846123.97	0.10	0	D	3150	48.9	-18.4	0.0	0.9	0.0	0.0	29.5
109	17644720.57	4846123.97	0.10	0	D	4000	47.0	-18.4	0.0	3.9	0.0	0.0	24.7
109	17644720.57	4846123.97	0.10	0	D	5000	44.7	-18.4	0.0	7.9	0.0	0.0	18.3
109	17644720.57	4846123.97	0.10	0	D	6300	42.1	-18.4	0.0	3.9	0.0	0.0	19.8
109	17644720.57	4846123.97	0.10	0	D	8000	39.5	-18.4	0.0	3.9	0.0	0.0	17.2
109	17644720.57	4846123.97	0.10	0	D	10000	36.8	-18.4	0.0	3.9	0.0	0.0	14.5
112	17644675.63	4846056.93	0.10	0	D	63	33.6	-21.9	0.0	-6.0	0.0	0.0	17.6
112	17644675.63	4846056.93	0.10	0	D	80	38.0	-21.9	0.0	-5.9	0.0	0.0	22.0
112	17644675.63	4846056.93	0.10	0	D	100	39.9	-21.9	0.0	-5.9	0.0	0.0	23.9
112	17644675.63	4846056.93	0.10	0	D	125	40.8	-21.9	0.0	-5.9	0.0	0.0	24.8
112	17644675.63	4846056.93	0.10	0	D	160	41.6	-21.9	0.0	-5.8	0.0	0.0	25.5
112	17644675.63	4846056.93	0.10	0	D	200	42.5	-21.9	0.0	-5.7	0.0	0.0	26.3
112	17644675.63	4846056.93	0.10	0	D	250	43.7	-21.9	0.0	-5.6	0.0	0.0	27.4
112	17644675.63	4846056.93	0.10	0	D	315	45.3	-21.9	0.0	-5.4	0.0	0.0	28.8
112	17644675.63	4846056.93	0.10	0	D	400	47.2	-21.9	0.0	-5.3	0.0	0.0	30.5
112	17644675.63	4846056.93	0.10	0	D	500	49.0	-21.9	0.0	-5.0	0.0	0.0	32.1
112	17644675.63	4846056.93	0.10	0	D	630	49.7	-21.9	0.0	-4.8	0.0	0.0	32.6
112	17644675.63	4846056.93	0.10	0	D	800	52.0	-21.9	0.0	-4.4	0.0	0.0	34.5
112	17644675.63	4846056.93	0.10	0	D	1000	52.9	-21.9	0.0	-3.9	0.0	0.0	34.8
112	17644675.63	4846056.93	0.10	0	D	1250	52.8	-21.9	0.0	-3.2	0.0	0.0	34.1
112	17644675.63	4846056.93	0.10	0	D	1600	52.1	-21.9	0.0	-2.2	0.0	0.0	32.3
112	17644675.63	4846056.93	0.10	0	D	2000	51.8	-21.9	0.0	-0.9	0.0	0.0	30.8

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
112	17644675.63	4846056.93	0.10	0	D	2500	50.3	-21.9	0.0	0.9	0.0	0.0	27.5
112	17644675.63	4846056.93	0.10	0	D	3150	48.9	-21.9	0.0	3.6	0.0	0.0	23.4
112	17644675.63	4846056.93	0.10	0	D	4000	47.0	-21.9	0.0	7.5	0.0	0.0	17.5
112	17644675.63	4846056.93	0.10	0	D	6300	42.1	-21.9	0.0	7.5	0.0	0.0	12.7
112	17644675.63	4846056.93	0.10	0	D	8000	39.5	-21.9	0.0	7.5	0.0	0.0	10.1
152	17644827.30	4846283.16	1.52	0	D	50	21.4	-13.5	0.0	-5.8	0.0	0.0	13.7
152	17644827.30	4846283.16	1.52	0	D	63	29.7	-13.5	0.0	-5.6	0.0	0.0	21.9
152	17644827.30	4846283.16	1.52	0	D	80	34.1	-13.5	0.0	-5.5	0.0	0.0	26.1
152	17644827.30	4846283.16	1.52	0	D	100	36.2	-13.5	0.0	-5.3	0.0	0.0	28.0
152	17644827.30	4846283.16	1.52	0	D	125	37.4	-13.5	0.0	-5.0	0.0	0.0	29.0
152	17644827.30	4846283.16	1.52	0	D	160	38.6	-13.5	0.0	-4.5	0.0	0.0	29.6
152	17644827.30	4846283.16	1.52	0	D	200	40.2	-13.5	0.0	-3.5	0.0	0.0	30.2
152	17644827.30	4846283.16	1.52	0	D	250	42.4	-13.5	0.0	-1.3	0.0	0.0	30.2
152	17644827.30	4846283.16	1.52	0	D	315	45.1	-13.5	0.0	2.6	0.0	0.0	29.0
152	17644827.30	4846283.16	1.52	0	D	400	48.0	-13.5	0.0	16.9	0.0	0.0	17.7
152	17644827.30	4846283.16	1.52	0	D	500	51.3	-13.5	0.0	4.8	0.0	0.0	33.1
152	17644827.30	4846283.16	1.52	0	D	630	54.5	-13.5	0.0	-2.7	0.0	0.0	43.7
152	17644827.30	4846283.16	1.52	0	D	800	49.7	-13.5	0.0	-5.6	0.0	0.0	41.8
152	17644827.30	4846283.16	1.52	0	D	1000	50.8	-13.5	0.0	-3.9	0.0	0.0	41.2
152	17644827.30	4846283.16	1.52	0	D	1250	47.0	-13.5	0.0	19.5	0.0	0.0	14.0
152	17644827.30	4846283.16	1.52	0	D	1600	47.8	-13.5	0.0	-4.9	0.0	0.0	39.2
152	17644827.30	4846283.16	1.52	0	D	2000	43.8	-13.5	0.0	3.2	0.0	0.0	27.2
152	17644827.30	4846283.16	1.52	0	D	2500	40.6	-13.5	0.0	-4.8	0.0	0.0	32.0
152	17644827.30	4846283.16	1.52	0	D	3150	37.8	-13.5	0.0	-1.1	0.0	0.0	25.4
152	17644827.30	4846283.16	1.52	0	D	4000	34.8	-13.5	0.0	-0.6	0.0	0.0	22.0
152	17644827.30	4846283.16	1.52	0	D	5000	32.1	-13.5	0.0	-2.7	0.0	0.0	21.2
152	17644827.30	4846283.16	1.52	0	D	6300	29.1	-13.5	0.0	-0.6	0.0	0.0	16.3
152	17644827.30	4846283.16	1.52	0	D	8000	26.0	-13.5	0.0	-0.6	0.0	0.0	13.2
180	17644818.87	4846270.60	1.52	0	D	50	21.4	-15.2	0.0	-5.8	0.0	0.0	11.9
180	17644818.87	4846270.60	1.52	0	D	63	29.7	-15.2	0.0	-5.5	0.0	0.0	20.0
180	17644818.87	4846270.60	1.52	0	D	80	34.1	-15.2	0.0	-5.4	0.0	0.0	24.2
180	17644818.87	4846270.60	1.52	0	D	100	36.2	-15.2	0.0	-5.2	0.0	0.0	26.1
180	17644818.87	4846270.60	1.52	0	D	125	37.4	-15.2	0.0	-4.8	0.0	0.0	27.0
180	17644818.87	4846270.60	1.52	0	D	160	38.6	-15.2	0.0	-4.1	0.0	0.0	27.5
180	17644818.87	4846270.60	1.52	0	D	200	40.2	-15.2	0.0	-2.8	0.0	0.0	27.7
180	17644818.87	4846270.60	1.52	0	D	250	42.4	-15.2	0.0	0.7	0.0	0.0	26.5
180	17644818.87	4846270.60	1.52	0	D	315	45.1	-15.2	0.0	7.8	0.0	0.0	22.1
180	17644818.87	4846270.60	1.52	0	D	400	48.0	-15.2	0.0	10.2	0.0	0.0	22.6
180	17644818.87	4846270.60	1.52	0	D	500	51.3	-15.2	0.0	-0.7	0.0	0.0	36.7
180	17644818.87	4846270.60	1.52	0	D	630	54.5	-15.2	0.0	-4.9	0.0	0.0	44.2
180	17644818.87	4846270.60	1.52	0	D	800	49.7	-15.2	0.0	-5.3	0.0	0.0	39.7
180	17644818.87	4846270.60	1.52	0	D	1000	50.8	-15.2	0.0	2.5	0.0	0.0	33.0
180	17644818.87	4846270.60	1.52	0	D	1250	47.0	-15.2	0.0	-1.5	0.0	0.0	33.2
180	17644818.87	4846270.60	1.52	0	D	1600	47.8	-15.2	0.0	-3.7	0.0	0.0	36.2
180	17644818.87	4846270.60	1.52	0	D	2000	43.8	-15.2	0.0	-2.0	0.0	0.0	30.6
180	17644818.87	4846270.60	1.52	0	D	2500	40.6	-15.2	0.0	7.5	0.0	0.0	17.9
180	17644818.87	4846270.60	1.52	0	D	3150	37.8	-15.2	0.0	0.5	0.0	0.0	22.0
180	17644818.87	4846270.60	1.52	0	D	5000	32.1	-15.2	0.0	-2.2	0.0	0.0	19.1
180	17644818.87	4846270.60	1.52	0	D	6300	29.1	-15.2	0.0	-2.2	0.0	0.0	16.1
180	17644818.87	4846270.60	1.52	0	D	8000	26.0	-15.2	0.0	-2.2	0.0	0.0	13.0
184	17644813.26	4846262.22	1.52	0	D	50	21.4	-14.9	0.0	-5.7	0.0	0.0	12.2
184	17644813.26	4846262.22	1.52	0	D	63	29.7	-14.9	0.0	-5.5	0.0	0.0	20.3
184	17644813.26	4846262.22	1.52	0	D	80	34.1	-14.9	0.0	-5.4	0.0	0.0	24.5
184	17644813.26	4846262.22	1.52	0	D	100	36.2	-14.9	0.0	-5.1	0.0	0.0	26.4
184	17644813.26	4846262.22	1.52	0	D	125	37.4	-14.9	0.0	-4.8	0.0	0.0	27.3
184	17644813.26	4846262.22	1.52	0	D	160	38.6	-14.9	0.0	-4.0	0.0	0.0	27.7
184	17644813.26	4846262.22	1.52	0	D	200	40.2	-14.9	0.0	-2.6	0.0	0.0	27.8
184	17644813.26	4846262.22	1.52	0	D	250	42.4	-14.9	0.0	1.4	0.0	0.0	26.1
184	17644813.26	4846262.22	1.52	0	D	315	45.1	-14.9	0.0	10.2	0.0	0.0	20.0
184	17644813.26	4846262.22	1.52	0	D	400	48.0	-14.9	0.0	7.3	0.0	0.0	25.8
184	17644813.26	4846262.22	1.52	0	D	500	51.3	-14.9	0.0	-1.6	0.0	0.0	38.0
184	17644813.26	4846262.22	1.52	0	D	630	54.5	-14.9	0.0	-5.3	0.0	0.0	44.8
184	17644813.26	4846262.22	1.52	0	D	800	49.7	-14.9	0.0	-4.8	0.0	0.0	39.6

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
184	17644813.26	4846262.22	1.52	0	D	1000	50.8	-14.9	0.0	6.9	0.0	0.0	29.0
184	17644813.26	4846262.22	1.52	0	D	1250	47.0	-14.9	0.0	-3.3	0.0	0.0	35.4
184	17644813.26	4846262.22	1.52	0	D	1600	47.8	-14.9	0.0	-1.6	0.0	0.0	34.5
184	17644813.26	4846262.22	1.52	0	D	2000	43.8	-14.9	0.0	-4.2	0.0	0.0	33.1
184	17644813.26	4846262.22	1.52	0	D	2500	40.6	-14.9	0.0	9.8	0.0	0.0	16.0
184	17644813.26	4846262.22	1.52	0	D	4000	34.8	-14.9	0.0	1.0	0.0	0.0	19.0
184	17644813.26	4846262.22	1.52	0	D	5000	32.1	-14.9	0.0	-2.9	0.0	0.0	20.1
184	17644813.26	4846262.22	1.52	0	D	6300	29.1	-14.9	0.0	1.0	0.0	0.0	13.3
184	17644813.26	4846262.22	1.52	0	D	8000	26.0	-14.9	0.0	1.0	0.0	0.0	10.1
187	17644804.83	4846249.65	1.52	0	D	50	21.4	-12.5	0.0	-5.8	0.0	0.0	14.7
187	17644804.83	4846249.65	1.52	0	D	63	29.7	-12.5	0.0	-5.5	0.0	0.0	22.8
187	17644804.83	4846249.65	1.52	0	D	80	34.1	-12.5	0.0	-5.4	0.0	0.0	27.0
187	17644804.83	4846249.65	1.52	0	D	100	36.2	-12.5	0.0	-5.2	0.0	0.0	28.9
187	17644804.83	4846249.65	1.52	0	D	125	37.4	-12.5	0.0	-4.9	0.0	0.0	29.8
187	17644804.83	4846249.65	1.52	0	D	160	38.6	-12.5	0.0	-4.2	0.0	0.0	30.3
187	17644804.83	4846249.65	1.52	0	D	200	40.2	-12.5	0.0	-2.9	0.0	0.0	30.6
187	17644804.83	4846249.65	1.52	0	D	250	42.4	-12.5	0.0	0.3	0.0	0.0	29.6
187	17644804.83	4846249.65	1.52	0	D	315	45.1	-12.5	0.0	6.7	0.0	0.0	26.0
187	17644804.83	4846249.65	1.52	0	D	400	48.0	-12.5	0.0	12.6	0.0	0.0	23.0
187	17644804.83	4846249.65	1.52	0	D	500	51.3	-12.5	0.0	-0.0	0.0	0.0	38.9
187	17644804.83	4846249.65	1.52	0	D	630	54.5	-12.5	0.0	-4.7	0.0	0.0	46.7
187	17644804.83	4846249.65	1.52	0	D	800	49.7	-12.5	0.0	-5.4	0.0	0.0	42.7
187	17644804.83	4846249.65	1.52	0	D	1000	50.8	-12.5	0.0	0.8	0.0	0.0	37.5
187	17644804.83	4846249.65	1.52	0	D	1250	47.0	-12.5	0.0	0.0	0.0	0.0	34.5
187	17644804.83	4846249.65	1.52	0	D	1600	47.8	-12.5	0.0	-4.5	0.0	0.0	39.8
187	17644804.83	4846249.65	1.52	0	D	2000	43.8	-12.5	0.0	0.2	0.0	0.0	31.2
187	17644804.83	4846249.65	1.52	0	D	2500	40.6	-12.5	0.0	1.8	0.0	0.0	26.4
187	17644804.83	4846249.65	1.52	0	D	3150	37.8	-12.5	0.0	-2.4	0.0	0.0	27.7
187	17644804.83	4846249.65	1.52	0	D	4000	34.8	-12.5	0.0	3.0	0.0	0.0	19.4
187	17644804.83	4846249.65	1.52	0	D	5000	32.1	-12.5	0.0	1.7	0.0	0.0	18.0
187	17644804.83	4846249.65	1.52	0	D	6300	29.1	-12.5	0.0	1.7	0.0	0.0	15.0
187	17644804.83	4846249.65	1.52	0	D	8000	26.0	-12.5	0.0	1.7	0.0	0.0	11.9
191	17644793.60	4846232.89	1.52	0	D	50	21.4	-14.3	0.0	-5.8	0.0	0.0	12.9
191	17644793.60	4846232.89	1.52	0	D	63	29.7	-14.3	0.0	-5.7	0.0	0.0	21.1
191	17644793.60	4846232.89	1.52	0	D	80	34.1	-14.3	0.0	-5.6	0.0	0.0	25.3
191	17644793.60	4846232.89	1.52	0	D	100	36.2	-14.3	0.0	-5.4	0.0	0.0	27.3
191	17644793.60	4846232.89	1.52	0	D	125	37.4	-14.3	0.0	-5.2	0.0	0.0	28.3
191	17644793.60	4846232.89	1.52	0	D	160	38.6	-14.3	0.0	-4.7	0.0	0.0	29.0
191	17644793.60	4846232.89	1.52	0	D	200	40.2	-14.3	0.0	-3.9	0.0	0.0	29.7
191	17644793.60	4846232.89	1.52	0	D	250	42.4	-14.3	0.0	-2.2	0.0	0.0	30.3
191	17644793.60	4846232.89	1.52	0	D	315	45.1	-14.3	0.0	0.6	0.0	0.0	30.2
191	17644793.60	4846232.89	1.52	0	D	400	48.0	-14.3	0.0	7.8	0.0	0.0	25.9
191	17644793.60	4846232.89	1.52	0	D	500	51.3	-14.3	0.0	12.0	0.0	0.0	25.0
191	17644793.60	4846232.89	1.52	0	D	630	54.5	-14.3	0.0	-0.3	0.0	0.0	40.4
191	17644793.60	4846232.89	1.52	0	D	800	49.7	-14.3	0.0	-4.8	0.0	0.0	40.2
191	17644793.60	4846232.89	1.52	0	D	1000	50.8	-14.3	0.0	-5.3	0.0	0.0	41.7
191	17644793.60	4846232.89	1.52	0	D	1250	47.0	-14.3	0.0	1.3	0.0	0.0	31.4
191	17644793.60	4846232.89	1.52	0	D	1600	47.8	-14.3	0.0	-1.5	0.0	0.0	34.9
191	17644793.60	4846232.89	1.52	0	D	2000	43.8	-14.3	0.0	-4.0	0.0	0.0	33.5
191	17644793.60	4846232.89	1.52	0	D	2500	40.6	-14.3	0.0	0.2	0.0	0.0	26.1
191	17644793.60	4846232.89	1.52	0	D	3150	37.8	-14.3	0.0	4.8	0.0	0.0	18.6
191	17644793.60	4846232.89	1.52	0	D	4000	34.8	-14.3	0.0	1.0	0.0	0.0	19.5
191	17644793.60	4846232.89	1.52	0	D	5000	32.1	-14.3	0.0	5.4	0.0	0.0	12.4
191	17644793.60	4846232.89	1.52	0	D	6300	29.1	-14.3	0.0	1.0	0.0	0.0	13.8
191	17644793.60	4846232.89	1.52	0	D	8000	26.0	-14.3	0.0	1.0	0.0	0.0	10.7
195	17644782.36	4846216.13	1.52	0	D	50	21.4	-16.5	0.0	-5.9	0.0	0.0	10.8
195	17644782.36	4846216.13	1.52	0	D	63	29.7	-16.5	0.0	-5.8	0.0	0.0	19.0
195	17644782.36	4846216.13	1.52	0	D	80	34.1	-16.5	0.0	-5.7	0.0	0.0	23.3
195	17644782.36	4846216.13	1.52	0	D	100	36.2	-16.5	0.0	-5.6	0.0	0.0	25.3
195	17644782.36	4846216.13	1.52	0	D	125	37.4	-16.5	0.0	-5.5	0.0	0.0	26.3
195	17644782.36	4846216.13	1.52	0	D	160	38.6	-16.5	0.0	-5.1	0.0	0.0	27.2
195	17644782.36	4846216.13	1.52	0	D	200	40.2	-16.5	0.0	-4.6	0.0	0.0	28.3
195	17644782.36	4846216.13	1.52	0	D	250	42.4	-16.5	0.0	-3.7	0.0	0.0	29.6

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
195	17644782.36	4846216.13	1.52	0	D	315	45.1	-16.5	0.0	-2.3	0.0	0.0	30.8
195	17644782.36	4846216.13	1.52	0	D	400	48.0	-16.5	0.0	0.6	0.0	0.0	30.9
195	17644782.36	4846216.13	1.52	0	D	500	51.3	-16.5	0.0	6.8	0.0	0.0	28.0
195	17644782.36	4846216.13	1.52	0	D	630	54.5	-16.5	0.0	13.7	0.0	0.0	24.2
195	17644782.36	4846216.13	1.52	0	D	800	49.7	-16.5	0.0	0.0	0.0	0.0	33.1
195	17644782.36	4846216.13	1.52	0	D	1000	50.8	-16.5	0.0	-4.4	0.0	0.0	38.6
195	17644782.36	4846216.13	1.52	0	D	1250	47.0	-16.5	0.0	-5.2	0.0	0.0	35.6
195	17644782.36	4846216.13	1.52	0	D	1600	47.8	-16.5	0.0	1.6	0.0	0.0	29.6
195	17644782.36	4846216.13	1.52	0	D	2000	43.8	-16.5	0.0	0.4	0.0	0.0	26.9
195	17644782.36	4846216.13	1.52	0	D	2500	40.6	-16.5	0.0	-4.0	0.0	0.0	28.1
195	17644782.36	4846216.13	1.52	0	D	3150	37.8	-16.5	0.0	3.1	0.0	0.0	18.1
195	17644782.36	4846216.13	1.52	0	D	4000	34.8	-16.5	0.0	4.1	0.0	0.0	14.2
195	17644782.36	4846216.13	1.52	0	D	5000	32.1	-16.5	0.0	0.1	0.0	0.0	15.5
195	17644782.36	4846216.13	1.52	0	D	6300	29.1	-16.5	0.0	0.1	0.0	0.0	12.5
199	17644771.13	4846199.38	1.52	0	D	63	29.7	-18.6	0.0	-5.9	0.0	0.0	17.0
199	17644771.13	4846199.38	1.52	0	D	80	34.1	-18.6	0.0	-5.8	0.0	0.0	21.3
199	17644771.13	4846199.38	1.52	0	D	100	36.2	-18.6	0.0	-5.7	0.0	0.0	23.4
199	17644771.13	4846199.38	1.52	0	D	125	37.4	-18.6	0.0	-5.6	0.0	0.0	24.5
199	17644771.13	4846199.38	1.52	0	D	160	38.6	-18.6	0.0	-5.4	0.0	0.0	25.5
199	17644771.13	4846199.38	1.52	0	D	200	40.2	-18.6	0.0	-5.1	0.0	0.0	26.7
199	17644771.13	4846199.38	1.52	0	D	250	42.4	-18.6	0.0	-4.5	0.0	0.0	28.3
199	17644771.13	4846199.38	1.52	0	D	315	45.1	-18.6	0.0	-3.6	0.0	0.0	30.1
199	17644771.13	4846199.38	1.52	0	D	400	48.0	-18.6	0.0	-2.0	0.0	0.0	31.4
199	17644771.13	4846199.38	1.52	0	D	500	51.3	-18.6	0.0	0.8	0.0	0.0	32.0
199	17644771.13	4846199.38	1.52	0	D	630	54.5	-18.6	0.0	7.6	0.0	0.0	28.3
199	17644771.13	4846199.38	1.52	0	D	800	49.7	-18.6	0.0	11.2	0.0	0.0	19.9
199	17644771.13	4846199.38	1.52	0	D	1000	50.8	-18.6	0.0	0.1	0.0	0.0	32.2
199	17644771.13	4846199.38	1.52	0	D	1250	47.0	-18.6	0.0	-4.1	0.0	0.0	32.6
199	17644771.13	4846199.38	1.52	0	D	1600	47.8	-18.6	0.0	-4.6	0.0	0.0	33.8
199	17644771.13	4846199.38	1.52	0	D	2000	43.8	-18.6	0.0	2.4	0.0	0.0	22.9
199	17644771.13	4846199.38	1.52	0	D	2500	40.6	-18.6	0.0	0.9	0.0	0.0	21.1
199	17644771.13	4846199.38	1.52	0	D	3150	37.8	-18.6	0.0	-2.6	0.0	0.0	21.8
199	17644771.13	4846199.38	1.52	0	D	4000	34.8	-18.6	0.0	2.5	0.0	0.0	13.8
203	17644754.27	4846174.24	1.52	0	D	63	29.7	-17.9	0.0	-5.9	0.0	0.0	17.7
203	17644754.27	4846174.24	1.52	0	D	80	34.1	-17.9	0.0	-5.9	0.0	0.0	22.0
203	17644754.27	4846174.24	1.52	0	D	100	36.2	-17.9	0.0	-5.8	0.0	0.0	24.1
203	17644754.27	4846174.24	1.52	0	D	125	37.4	-17.9	0.0	-5.7	0.0	0.0	25.2
203	17644754.27	4846174.24	1.52	0	D	160	38.6	-17.9	0.0	-5.6	0.0	0.0	26.3
203	17644754.27	4846174.24	1.52	0	D	200	40.2	-17.9	0.0	-5.4	0.0	0.0	27.6
203	17644754.27	4846174.24	1.52	0	D	250	42.4	-17.9	0.0	-5.0	0.0	0.0	29.4
203	17644754.27	4846174.24	1.52	0	D	315	45.1	-17.9	0.0	-4.4	0.0	0.0	31.6
203	17644754.27	4846174.24	1.52	0	D	400	48.0	-17.9	0.0	-3.5	0.0	0.0	33.6
203	17644754.27	4846174.24	1.52	0	D	500	51.3	-17.9	0.0	-2.1	0.0	0.0	35.5
203	17644754.27	4846174.24	1.52	0	D	630	54.5	-17.9	0.0	0.5	0.0	0.0	36.0
203	17644754.27	4846174.24	1.52	0	D	800	49.7	-17.9	0.0	6.7	0.0	0.0	25.0
203	17644754.27	4846174.24	1.52	0	D	1000	50.8	-17.9	0.0	15.3	0.0	0.0	17.6
203	17644754.27	4846174.24	1.52	0	D	1250	47.0	-17.9	0.0	1.7	0.0	0.0	27.3
203	17644754.27	4846174.24	1.52	0	D	1600	47.8	-17.9	0.0	-3.3	0.0	0.0	33.1
203	17644754.27	4846174.24	1.52	0	D	2000	43.8	-17.9	0.0	-4.0	0.0	0.0	29.9
203	17644754.27	4846174.24	1.52	0	D	2500	40.6	-17.9	0.0	0.9	0.0	0.0	21.8
203	17644754.27	4846174.24	1.52	0	D	3150	37.8	-17.9	0.0	5.3	0.0	0.0	14.6
203	17644754.27	4846174.24	1.52	0	D	4000	34.8	-17.9	0.0	-0.8	0.0	0.0	17.7
203	17644754.27	4846174.24	1.52	0	D	6300	29.1	-17.9	0.0	-0.8	0.0	0.0	12.0
210	17644720.57	4846123.97	1.52	0	D	63	29.7	-18.4	0.0	-5.9	0.0	0.0	17.2
210	17644720.57	4846123.97	1.52	0	D	80	34.1	-18.4	0.0	-5.9	0.0	0.0	21.6
210	17644720.57	4846123.97	1.52	0	D	100	36.2	-18.4	0.0	-5.9	0.0	0.0	23.6
210	17644720.57	4846123.97	1.52	0	D	125	37.4	-18.4	0.0	-5.8	0.0	0.0	24.8
210	17644720.57	4846123.97	1.52	0	D	160	38.6	-18.4	0.0	-5.7	0.0	0.0	25.9
210	17644720.57	4846123.97	1.52	0	D	200	40.2	-18.4	0.0	-5.6	0.0	0.0	27.3
210	17644720.57	4846123.97	1.52	0	D	250	42.4	-18.4	0.0	-5.3	0.0	0.0	29.2
210	17644720.57	4846123.97	1.52	0	D	315	45.1	-18.4	0.0	-5.0	0.0	0.0	31.6
210	17644720.57	4846123.97	1.52	0	D	400	48.0	-18.4	0.0	-4.5	0.0	0.0	34.0
210	17644720.57	4846123.97	1.52	0	D	500	51.3	-18.4	0.0	-3.7	0.0	0.0	36.6

Road, TNM, Name: "Kingston Road", ID: "road_00001"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
210	17644720.57	4846123.97	1.52	0	D	630	54.5	-18.4	0.0	-2.6	0.0	0.0	38.6
210	17644720.57	4846123.97	1.52	0	D	800	49.7	-18.4	0.0	-0.5	0.0	0.0	31.8
210	17644720.57	4846123.97	1.52	0	D	1000	50.8	-18.4	0.0	3.1	0.0	0.0	29.2
210	17644720.57	4846123.97	1.52	0	D	1250	47.0	-18.4	0.0	11.4	0.0	0.0	17.1
210	17644720.57	4846123.97	1.52	0	D	1600	47.8	-18.4	0.0	7.1	0.0	0.0	22.2
210	17644720.57	4846123.97	1.52	0	D	2000	43.8	-18.4	0.0	0.5	0.0	0.0	24.9
210	17644720.57	4846123.97	1.52	0	D	2500	40.6	-18.4	0.0	-1.8	0.0	0.0	24.0
210	17644720.57	4846123.97	1.52	0	D	3150	37.8	-18.4	0.0	-0.1	0.0	0.0	19.4
214	17644675.63	4846056.93	1.52	0	D	63	29.7	-21.9	0.0	-5.9	0.0	0.0	13.8
214	17644675.63	4846056.93	1.52	0	D	80	34.1	-21.9	0.0	-5.9	0.0	0.0	18.1
214	17644675.63	4846056.93	1.52	0	D	100	36.2	-21.9	0.0	-5.9	0.0	0.0	20.2
214	17644675.63	4846056.93	1.52	0	D	125	37.4	-21.9	0.0	-5.8	0.0	0.0	21.4
214	17644675.63	4846056.93	1.52	0	D	160	38.6	-21.9	0.0	-5.7	0.0	0.0	22.5
214	17644675.63	4846056.93	1.52	0	D	200	40.2	-21.9	0.0	-5.6	0.0	0.0	23.8
214	17644675.63	4846056.93	1.52	0	D	250	42.4	-21.9	0.0	-5.3	0.0	0.0	25.8
214	17644675.63	4846056.93	1.52	0	D	315	45.1	-21.9	0.0	-5.1	0.0	0.0	28.3
214	17644675.63	4846056.93	1.52	0	D	400	48.0	-21.9	0.0	-4.7	0.0	0.0	30.8
214	17644675.63	4846056.93	1.52	0	D	500	51.3	-21.9	0.0	-4.2	0.0	0.0	33.6
214	17644675.63	4846056.93	1.52	0	D	630	54.5	-21.9	0.0	-3.4	0.0	0.0	35.9
214	17644675.63	4846056.93	1.52	0	D	800	49.7	-21.9	0.0	-2.1	0.0	0.0	29.9
214	17644675.63	4846056.93	1.52	0	D	1000	50.8	-21.9	0.0	-0.2	0.0	0.0	29.1
214	17644675.63	4846056.93	1.52	0	D	1250	47.0	-21.9	0.0	3.0	0.0	0.0	22.1
214	17644675.63	4846056.93	1.52	0	D	1600	47.8	-21.9	0.0	9.6	0.0	0.0	16.3
214	17644675.63	4846056.93	1.52	0	D	2000	43.8	-21.9	0.0	10.0	0.0	0.0	11.9
214	17644675.63	4846056.93	1.52	0	D	2500	40.6	-21.9	0.0	4.2	0.0	0.0	14.5
214	17644675.63	4846056.93	1.52	0	D	3150	37.8	-21.9	0.0	2.3	0.0	0.0	13.6
319	17644827.30	4846283.16	3.66	0	D	250	23.6	-13.5	0.0	-1.5	0.0	0.0	11.6
319	17644827.30	4846283.16	3.66	0	D	315	22.9	-13.5	0.0	-5.3	0.0	0.0	14.7
319	17644827.30	4846283.16	3.66	0	D	400	19.8	-13.5	0.0	-5.0	0.0	0.0	11.3
319	17644827.30	4846283.16	3.66	0	D	630	21.3	-13.5	0.0	-3.5	0.0	0.0	11.3
319	17644827.30	4846283.16	3.66	0	D	800	21.9	-13.5	0.0	-2.2	0.0	0.0	10.7
319	17644827.30	4846283.16	3.66	0	D	1000	21.2	-13.5	0.0	-4.3	0.0	0.0	12.0
319	17644827.30	4846283.16	3.66	0	D	2500	20.2	-13.5	0.0	-4.7	0.0	0.0	11.4
319	17644827.30	4846283.16	3.66	0	D	3150	21.1	-13.5	0.0	-4.1	0.0	0.0	11.8
320	17644818.87	4846270.60	3.66	0	D	250	23.6	-15.2	0.0	-4.3	0.0	0.0	12.6
320	17644818.87	4846270.60	3.66	0	D	315	22.9	-15.2	0.0	-5.7	0.0	0.0	13.4
320	17644818.87	4846270.60	3.66	0	D	630	21.3	-15.2	0.0	-5.5	0.0	0.0	11.6
320	17644818.87	4846270.60	3.66	0	D	1250	20.6	-15.2	0.0	-5.2	0.0	0.0	10.5
321	17644813.26	4846262.22	3.66	0	D	250	23.6	-14.9	0.0	-4.8	0.0	0.0	13.5
321	17644813.26	4846262.22	3.66	0	D	315	22.9	-14.9	0.0	-5.6	0.0	0.0	13.6
321	17644813.26	4846262.22	3.66	0	D	630	21.3	-14.9	0.0	-4.9	0.0	0.0	11.2
322	17644804.83	4846249.65	3.66	0	D	200	19.2	-12.5	0.0	-4.3	0.0	0.0	11.0
322	17644804.83	4846249.65	3.66	0	D	250	23.6	-12.5	0.0	-4.0	0.0	0.0	15.1
322	17644804.83	4846249.65	3.66	0	D	315	22.9	-12.5	0.0	-5.8	0.0	0.0	16.2
322	17644804.83	4846249.65	3.66	0	D	630	21.3	-12.5	0.0	-5.7	0.0	0.0	14.5
322	17644804.83	4846249.65	3.66	0	D	1000	21.2	-12.5	0.0	-3.9	0.0	0.0	12.6
322	17644804.83	4846249.65	3.66	0	D	1250	20.6	-12.5	0.0	-5.5	0.0	0.0	13.6
322	17644804.83	4846249.65	3.66	0	D	1600	19.5	-12.5	0.0	-4.9	0.0	0.0	11.9
322	17644804.83	4846249.65	3.66	0	D	2500	20.2	-12.5	0.0	-5.0	0.0	0.0	12.7
322	17644804.83	4846249.65	3.66	0	D	3150	21.1	-12.5	0.0	-4.5	0.0	0.0	13.2
323	17644793.60	4846232.89	3.66	0	D	315	22.9	-14.3	0.0	-4.1	0.0	0.0	12.7
323	17644793.60	4846232.89	3.66	0	D	400	19.8	-14.3	0.0	-5.7	0.0	0.0	11.2
323	17644793.60	4846232.89	3.66	0	D	800	21.9	-14.3	0.0	-5.5	0.0	0.0	13.1
323	17644793.60	4846232.89	3.66	0	D	1600	19.5	-14.3	0.0	-4.9	0.0	0.0	10.0
323	17644793.60	4846232.89	3.66	0	D	3150	21.1	-14.3	0.0	-4.2	0.0	0.0	10.9
324	17644782.36	4846216.13	3.66	0	D	500	22.2	-16.5	0.0	-5.7	0.0	0.0	11.4
324	17644782.36	4846216.13	3.66	0	D	1000	21.2	-16.5	0.0	-5.5	0.0	0.0	10.1

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
351	17645056.79	4846239.36	4.44	0	D	84.6	6.0	24.6	0.0	15.0	0.0	39.0
352	17645033.40	4846232.43	4.44	0	D	84.6	6.0	16.5	0.0	15.0	0.0	47.1

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
353	17644997.16	4846221.71	4.44	0	D	84.6	6.0	15.4	0.0	15.0	0.0	48.2
354	17644966.86	4846212.74	4.44	0	D	84.6	6.0	14.5	0.0	15.0	0.0	49.1
355	17644935.98	4846203.60	4.44	0	D	84.6	6.0	11.3	0.0	15.0	0.0	52.3
356	17644901.34	4846193.34	4.44	0	D	84.6	6.0	8.8	0.0	15.0	0.0	54.8
357	17644873.13	4846184.99	4.44	0	D	84.6	6.0	9.4	0.0	15.0	0.0	54.2
358	17644848.30	4846177.64	4.44	0	D	84.6	6.0	8.5	0.0	0.0	0.0	70.2
359	17644820.42	4846169.39	4.44	0	D	84.6	6.0	9.9	0.0	0.0	0.0	68.7
378	17645056.79	4846239.36	2.30	0	D	71.5	6.0	24.6	0.0	15.0	0.0	25.9
380	17645033.40	4846232.43	2.30	0	D	71.5	6.0	16.5	0.0	15.0	0.0	34.0
385	17644997.16	4846221.71	2.30	0	D	71.5	6.0	15.4	0.0	15.0	0.0	35.1
388	17644970.39	4846213.78	2.30	0	D	71.5	6.0	16.1	0.0	15.0	0.0	34.4
391	17644956.83	4846209.77	2.30	0	D	71.5	6.0	19.7	0.0	15.0	0.0	30.7
394	17644935.98	4846203.60	2.30	0	D	71.5	6.0	11.3	0.0	15.0	0.0	39.2
396	17644901.34	4846193.34	2.30	0	D	71.5	6.0	8.8	0.0	15.0	0.0	41.6
400	17644873.13	4846184.99	2.30	0	D	71.5	6.0	9.4	0.0	15.0	0.0	41.0
402	17644848.30	4846177.64	2.30	0	D	71.5	6.0	8.5	0.0	0.0	0.0	57.0
404	17644820.42	4846169.39	2.30	0	D	71.5	6.0	9.9	0.0	0.0	0.0	55.5
407	17644788.76	4846160.10	4.44	0	D	84.6	6.0	11.2	0.0	0.0	0.0	67.4
411	17644753.34	4846149.78	4.44	0	D	84.6	6.0	13.6	0.0	0.0	0.0	65.0
414	17644700.20	4846134.30	4.44	0	D	84.6	6.0	13.4	0.0	0.0	0.0	65.2
470	17645056.79	4846239.36	2.61	0	D	77.1	6.0	24.6	0.0	15.0	0.0	31.5
472	17645033.40	4846232.43	2.61	0	D	77.1	6.0	16.5	0.0	15.0	0.0	39.6
474	17644997.16	4846221.71	2.61	0	D	77.1	6.0	15.4	0.0	15.0	0.0	40.7
476	17644966.86	4846212.74	2.61	0	D	77.1	6.0	14.5	0.0	15.0	0.0	41.6
478	17644935.98	4846203.60	2.61	0	D	77.1	6.0	11.3	0.0	15.0	0.0	44.8
480	17644901.34	4846193.34	2.61	0	D	77.1	6.0	8.8	0.0	15.0	0.0	47.3
482	17644873.13	4846184.99	2.61	0	D	77.1	6.0	9.4	0.0	15.0	0.0	46.7
484	17644848.30	4846177.64	2.61	0	D	77.1	6.0	8.5	0.0	0.0	0.0	62.6
487	17644820.42	4846169.39	2.61	0	D	77.1	6.0	9.9	0.0	0.0	0.0	61.1
558	17644788.76	4846160.10	2.30	0	D	71.5	6.0	11.2	0.0	0.0	0.0	54.3
561	17644753.34	4846149.78	2.30	0	D	71.5	6.0	13.6	0.0	0.0	0.0	51.9
563	17644700.20	4846134.30	2.30	0	D	71.5	6.0	13.4	0.0	0.0	0.0	52.1
577	17644788.76	4846160.10	2.61	0	D	77.1	6.0	11.2	0.0	0.0	0.0	59.9
579	17644753.34	4846149.78	2.61	0	D	77.1	6.0	13.6	0.0	0.0	0.0	57.5
581	17644700.20	4846134.30	2.61	0	D	77.1	6.0	13.4	0.0	0.0	0.0	57.7
584	17644630.54	4846112.94	4.44	0	D	84.6	5.6	16.8	0.0	0.0	0.0	62.2
586	17644562.06	4846090.87	4.44	0	D	84.6	5.6	19.0	0.0	0.0	0.0	60.0
668	17644630.54	4846112.94	2.30	0	D	71.5	5.6	16.8	0.0	0.0	0.0	49.1
670	17644562.06	4846090.87	2.30	0	D	71.5	5.6	19.0	0.0	0.0	0.0	46.9
688	17644502.60	4846069.63	4.44	0	D	84.6	2.8	24.6	0.0	0.0	0.0	57.2
690	17644456.47	4846050.94	4.44	0	D	84.6	2.8	26.5	0.0	0.0	0.0	55.3
729	17644630.54	4846112.94	2.61	0	D	77.1	5.6	16.8	0.0	0.0	0.0	54.7
731	17644562.06	4846090.87	2.61	0	D	77.1	5.6	19.0	0.0	0.0	0.0	52.5
763	17644384.37	4846018.03	4.44	0	D	84.6	-7.8	34.5	0.0	0.0	0.0	57.9
782	17644127.74	4845869.30	4.44	0	D	84.6	7.1	22.0	0.0	0.0	0.0	55.5
790	17644502.60	4846069.63	2.30	0	D	71.5	2.9	24.6	0.0	0.0	0.0	44.1
792	17644456.47	4846050.94	2.30	0	D	71.5	2.9	26.4	0.0	0.0	0.0	42.2
798	17644302.65	4845976.62	4.44	0	D	84.6	3.4	26.9	0.0	0.0	0.0	54.3
810	17644384.37	4846018.03	2.30	0	D	71.5	-5.4	32.2	0.0	0.0	0.0	44.8
814	17644502.60	4846069.63	2.61	0	D	77.1	2.9	24.6	0.0	0.0	0.0	49.7
815	17644456.47	4846050.94	2.61	0	D	77.1	2.9	26.4	0.0	0.0	0.0	47.8
829	17644267.21	4845956.75	4.44	0	D	84.6	5.2	33.6	0.0	0.0	0.0	45.9
831	17644246.44	4845944.49	4.44	0	D	84.6	5.2	28.8	0.0	0.0	0.0	50.6
838	17644384.37	4846018.03	2.61	0	D	77.1	-5.7	32.4	0.0	0.0	0.0	50.4
847	17644127.74	4845869.30	2.30	0	D	71.5	7.1	22.0	0.0	0.0	0.0	42.4
852	17644213.57	4845924.43	4.44	0	D	84.6	6.6	27.5	0.0	0.0	0.0	50.5
866	17644035.27	4845810.38	4.44	0	D	84.6	5.7	29.2	0.0	0.0	0.0	49.7
872	17644302.65	4845976.62	2.30	0	D	71.5	3.5	26.8	0.0	0.0	0.0	41.2
887	17644127.74	4845869.30	2.61	0	D	77.1	7.1	22.0	0.0	0.0	0.0	48.0
958	17644302.65	4845976.62	2.61	0	D	77.1	3.4	26.8	0.0	0.0	0.0	46.8
1012	17644267.21	4845956.75	2.30	0	D	71.5	5.2	33.6	0.0	0.0	0.0	32.7
1014	17644246.44	4845944.49	2.30	0	D	71.5	5.2	28.8	0.0	0.0	0.0	37.5
1050	17644213.57	4845924.43	2.30	0	D	71.5	6.6	27.5	0.0	0.0	0.0	37.4

Railway, FTA/FRA, Name: "WB Departure - Metrolinx Kingston Subdivision", ID: "rail_0001"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1063	17644267.21	4845956.75	2.61	0	D	77.1	5.2	33.6	0.0	0.0	0.0	38.3
1066	17644246.44	4845944.49	2.61	0	D	77.1	5.2	28.8	0.0	0.0	0.0	43.1
1071	17644035.27	4845810.38	2.30	0	D	71.5	5.7	29.2	0.0	0.0	0.0	36.5
1076	17644213.57	4845924.43	2.61	0	D	77.1	6.6	27.5	0.0	0.0	0.0	43.0
1083	17644035.27	4845810.38	2.61	0	D	77.1	5.7	29.2	0.0	0.0	0.0	42.1

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
360	17644689.50	4846126.29	4.44	0	D	78.6	6.3	15.3	0.0	0.0	0.0	57.0
362	17644739.22	4846140.92	4.44	0	D	78.6	6.3	12.8	0.0	0.0	0.0	59.5
363	17644776.50	4846151.90	4.44	0	D	78.6	6.3	13.6	0.0	0.0	0.0	58.7
364	17644801.36	4846159.21	4.44	0	D	78.6	6.3	11.9	0.0	0.0	0.0	60.4
366	17644826.22	4846166.53	4.44	0	D	78.6	6.3	10.3	0.0	0.0	0.0	62.0
367	17644851.08	4846173.84	4.44	0	D	78.6	6.3	9.2	0.0	0.0	0.0	63.2
368	17644875.21	4846180.94	4.44	0	D	78.6	6.3	9.4	0.0	15.0	0.0	47.9
369	17644898.84	4846187.90	4.44	0	D	78.6	6.3	10.4	0.0	15.0	0.0	47.0
370	17644689.50	4846126.29	2.30	0	D	71.6	6.3	15.3	0.0	0.0	0.0	49.9
371	17644739.22	4846140.92	2.30	0	D	71.6	6.3	12.8	0.0	0.0	0.0	52.5
372	17644776.50	4846151.90	2.30	0	D	71.6	6.3	13.6	0.0	0.0	0.0	51.6
373	17644801.36	4846159.21	2.30	0	D	71.6	6.3	11.9	0.0	0.0	0.0	53.3
374	17644826.22	4846166.53	2.30	0	D	71.6	6.3	10.3	0.0	0.0	0.0	55.0
375	17644851.08	4846173.84	2.30	0	D	71.6	6.3	9.2	0.0	0.0	0.0	56.1
376	17644875.21	4846180.94	2.30	0	D	71.6	6.3	9.4	0.0	15.0	0.0	40.8
377	17644898.84	4846187.90	2.30	0	D	71.6	6.3	10.4	0.0	15.0	0.0	39.9
529	17644923.56	4846195.12	4.44	0	D	78.6	6.3	11.7	0.0	15.0	0.0	45.6
531	17644949.14	4846202.54	4.44	0	D	78.6	6.3	13.4	0.0	15.0	0.0	43.9
534	17644976.78	4846210.55	4.44	0	D	78.6	6.3	14.5	0.0	15.0	0.0	42.8
538	17645010.03	4846220.19	4.44	0	D	78.6	6.3	15.4	0.0	15.0	0.0	42.0
540	17645044.09	4846230.06	4.44	0	D	78.6	6.3	17.7	0.0	15.0	0.0	39.6
545	17644923.56	4846195.12	2.30	0	D	71.6	6.3	11.7	0.0	15.0	0.0	38.6
548	17644949.14	4846202.54	2.30	0	D	71.6	6.3	13.4	0.0	15.0	0.0	36.8
550	17644976.78	4846210.55	2.30	0	D	71.6	6.3	14.5	0.0	15.0	0.0	35.8
552	17645010.03	4846220.19	2.30	0	D	71.6	6.3	15.4	0.0	15.0	0.0	34.9
554	17645044.09	4846230.06	2.30	0	D	71.6	6.3	17.7	0.0	15.0	0.0	32.6
589	17644689.50	4846126.29	2.61	0	D	71.1	6.3	15.3	0.0	0.0	0.0	49.5
591	17644739.22	4846140.92	2.61	0	D	71.1	6.3	12.8	0.0	0.0	0.0	52.0
593	17644776.50	4846151.90	2.61	0	D	71.1	6.3	13.6	0.0	0.0	0.0	51.2
595	17644801.36	4846159.21	2.61	0	D	71.1	6.3	11.9	0.0	0.0	0.0	52.8
597	17644826.22	4846166.53	2.61	0	D	71.1	6.3	10.3	0.0	0.0	0.0	54.5
599	17644851.08	4846173.84	2.61	0	D	71.1	6.3	9.2	0.0	0.0	0.0	55.6
602	17644875.21	4846180.94	2.61	0	D	71.1	6.3	9.4	0.0	15.0	0.0	40.3
607	17644898.84	4846187.90	2.61	0	D	71.1	6.3	10.4	0.0	15.0	0.0	39.4
621	17644596.82	4846097.28	4.44	0	D	78.6	6.0	14.5	0.0	0.0	0.0	58.2
624	17645065.69	4846236.33	4.44	0	D	78.6	6.3	22.8	0.0	15.0	0.0	34.6
626	17645128.48	4846254.54	4.44	0	D	78.6	6.3	15.0	0.0	15.0	0.0	42.3
638	17644596.82	4846097.28	2.30	0	D	71.6	6.0	14.5	0.0	0.0	0.0	51.1
641	17645065.69	4846236.33	2.30	0	D	71.6	6.3	22.8	0.0	15.0	0.0	27.5
643	17645128.48	4846254.54	2.30	0	D	71.6	6.3	15.0	0.0	15.0	0.0	35.3
698	17645244.39	4846287.95	4.44	0	D	78.6	6.3	26.6	0.0	15.0	0.0	30.7
700	17645265.14	4846293.95	4.44	0	D	78.6	6.3	25.2	0.0	15.0	0.0	32.1
723	17645334.73	4846314.04	4.44	0	D	78.6	6.3	20.0	0.0	15.0	0.0	37.4
726	17645424.82	4846340.06	4.44	0	D	78.6	6.3	23.9	0.0	15.0	0.0	33.5
734	17644923.56	4846195.12	2.61	0	D	71.1	6.3	11.7	0.0	15.0	0.0	38.1
736	17644949.14	4846202.54	2.61	0	D	71.1	6.3	13.4	0.0	15.0	0.0	36.3
738	17644976.78	4846210.55	2.61	0	D	71.1	6.3	14.5	0.0	15.0	0.0	35.3
740	17645010.03	4846220.19	2.61	0	D	71.1	6.3	15.4	0.0	15.0	0.0	34.4
743	17645044.09	4846230.06	2.61	0	D	71.1	6.3	17.7	0.0	15.0	0.0	32.1
745	17645244.39	4846287.95	2.30	0	D	71.6	6.3	26.6	0.0	15.0	0.0	23.7
746	17645265.14	4846293.95	2.30	0	D	71.6	6.3	25.2	0.0	15.0	0.0	25.1
751	17645334.73	4846314.04	2.30	0	D	71.6	6.3	20.0	0.0	15.0	0.0	30.3
753	17645424.82	4846340.06	2.30	0	D	71.6	6.3	23.9	0.0	15.0	0.0	26.4
770	17644483.10	4846056.90	4.44	0	D	78.6	3.4	21.9	0.0	0.0	0.0	53.4

Railway, FTA/FRA, Name: "Pass-bys - Metrolinx Kingston Subdivision", ID: "rail_0004"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
785	17644483.10	4846056.90	2.30	0	D	71.6	3.4	21.9	0.0	0.0	0.0	46.3
787	17644386.14	4846013.66	4.44	0	D	78.6	-4.8	31.5	0.0	0.0	0.0	51.9
801	17644386.14	4846013.66	2.30	0	D	71.6	-3.9	30.6	0.0	0.0	0.0	44.8
817	17645217.98	4846280.30	4.44	0	D	78.6	6.3	22.5	0.0	15.0	0.0	34.8
826	17644141.64	4845873.31	4.44	0	D	78.6	6.8	23.0	0.0	0.0	0.0	48.8
834	17645217.98	4846280.30	2.30	0	D	71.6	6.3	22.5	0.0	15.0	0.0	27.7
840	17644304.73	4845972.37	4.44	0	D	78.6	2.4	27.9	0.0	0.0	0.0	48.3
845	17644141.64	4845873.31	2.30	0	D	71.6	6.8	23.0	0.0	0.0	0.0	41.8
854	17644304.73	4845972.37	2.30	0	D	71.6	2.4	27.9	0.0	0.0	0.0	41.2
857	17645548.68	4846376.37	4.44	0	D	78.6	6.7	30.3	0.0	15.0	0.0	26.7
858	17645584.71	4846387.17	4.44	0	D	78.6	6.7	26.7	0.0	15.0	0.0	30.3
859	17644596.82	4846097.28	2.61	0	D	71.1	6.0	14.5	0.0	0.0	0.0	50.6
863	17645065.69	4846236.33	2.61	0	D	71.1	6.3	22.8	0.0	15.0	0.0	27.0
865	17645128.48	4846254.54	2.61	0	D	71.1	6.3	15.0	0.0	15.0	0.0	34.8
870	17645483.24	4846357.20	4.44	0	D	78.6	6.7	25.5	0.0	15.0	0.0	31.5
876	17645192.54	4846273.02	4.44	0	D	78.6	6.0	26.2	0.0	15.0	0.0	31.4
889	17644253.44	4845943.38	4.44	0	D	78.6	4.5	28.2	0.0	0.0	0.0	45.9
894	17645548.68	4846376.37	2.30	0	D	71.6	6.7	30.3	0.0	15.0	0.0	19.6
896	17645584.71	4846387.17	2.30	0	D	71.6	6.7	26.7	0.0	15.0	0.0	23.2
923	17645483.24	4846357.20	2.30	0	D	71.6	6.7	25.5	0.0	15.0	0.0	24.4
933	17645192.54	4846273.02	2.30	0	D	71.6	6.0	26.2	0.0	15.0	0.0	24.3
945	17644253.44	4845943.38	2.30	0	D	71.6	4.5	28.1	0.0	0.0	0.0	38.9
955	17644215.37	4845920.45	4.44	0	D	78.6	6.1	28.0	0.0	0.0	0.0	44.6
962	17645635.08	4846402.49	4.44	0	D	78.6	7.1	27.1	0.0	15.0	0.0	29.5
995	17645334.73	4846314.04	2.61	0	D	71.1	6.3	20.0	0.0	15.0	0.0	29.8
1026	17644215.37	4845920.45	2.30	0	D	71.6	6.1	28.0	0.0	0.0	0.0	37.5
1029	17645635.08	4846402.49	2.30	0	D	71.6	7.1	27.1	0.0	15.0	0.0	22.4
1032	17645522.33	4846368.69	4.44	0	D	78.6	6.0	29.3	0.0	15.0	0.0	28.3
1037	17644067.12	4845825.49	4.44	0	D	78.6	6.4	29.4	0.0	0.0	0.0	42.9
1060	17645522.33	4846368.69	2.30	0	D	71.6	6.0	29.3	0.0	15.0	0.0	21.2
1068	17644067.12	4845825.49	2.30	0	D	71.6	6.4	29.4	0.0	0.0	0.0	35.8
1073	17644483.10	4846056.90	2.61	0	D	71.1	3.4	21.9	0.0	0.0	0.0	45.8
1079	17644386.14	4846013.66	2.61	0	D	71.1	-4.0	30.8	0.0	0.0	0.0	44.3
1093	17644042.39	4845809.86	4.44	0	D	78.6	6.2	34.1	0.0	0.0	0.0	38.4
1105	17644022.11	4845796.87	4.44	0	D	78.6	8.7	32.3	0.0	0.0	0.0	37.6
1108	17645217.98	4846280.30	2.61	0	D	71.1	6.3	22.5	0.0	15.0	0.0	27.2
1111	17644042.39	4845809.86	2.30	0	D	71.6	6.2	34.1	0.0	0.0	0.0	31.3
1114	17644141.64	4845873.31	2.61	0	D	71.1	6.8	23.0	0.0	0.0	0.0	41.3
1117	17644022.11	4845796.87	2.30	0	D	71.6	8.7	32.3	0.0	0.0	0.0	30.5
1120	17644304.73	4845972.37	2.61	0	D	71.1	2.4	27.9	0.0	0.0	0.0	40.7
1122	17644031.74	4845803.27	4.44	0	D	78.6	4.7	38.2	0.0	0.0	0.0	35.7
1134	17644031.74	4845803.27	2.30	0	D	71.6	4.7	38.2	0.0	0.0	0.0	28.6
1144	17644253.44	4845943.38	2.61	0	D	71.1	4.5	28.1	0.0	0.0	0.0	38.4
1146	17644215.37	4845920.45	2.61	0	D	71.1	6.1	28.0	0.0	0.0	0.0	37.0
1154	17644067.12	4845825.49	2.61	0	D	71.1	6.4	29.4	0.0	0.0	0.0	35.3
1160	17644042.39	4845809.86	2.61	0	D	71.1	6.2	34.1	0.0	0.0	0.0	30.8
1163	17644022.11	4845796.87	2.61	0	D	71.1	8.7	32.3	0.0	0.0	0.0	30.0
1165	17644031.74	4845803.27	2.61	0	D	71.1	4.7	38.2	0.0	0.0	0.0	28.1

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
417	17645030.67	4846213.73	2.30	0	D	71.5	6.9	17.6	0.0	15.0	0.0	32.0
422	17645000.34	4846205.34	2.30	0	D	71.5	6.9	14.5	0.0	15.0	0.0	35.1
425	17644968.61	4846196.57	2.30	0	D	71.5	6.9	14.0	0.0	15.0	0.0	35.6
427	17644939.49	4846188.52	2.30	0	D	71.5	6.9	11.8	0.0	15.0	0.0	37.8
429	17644908.78	4846180.03	2.30	0	D	71.5	6.9	10.0	0.0	15.0	0.0	39.5
431	17644879.85	4846172.02	2.30	0	D	71.5	6.9	9.4	0.0	15.0	0.0	40.1
433	17644853.79	4846164.82	2.30	0	D	71.5	6.9	9.7	0.0	0.0	0.0	54.9
435	17644828.84	4846157.92	2.30	0	D	71.5	6.9	10.6	0.0	0.0	0.0	54.0
437	17644791.41	4846147.57	2.30	0	D	71.5	6.9	9.6	0.0	0.0	0.0	55.0
439	17644741.50	4846133.77	2.30	0	D	71.5	6.9	12.4	0.0	0.0	0.0	52.1
441	17644691.60	4846119.97	2.30	0	D	71.5	6.9	14.8	0.0	0.0	0.0	49.8

Railway, FTA/FRA, Name: "EB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0006"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
444	17645030.67	4846213.73	4.44	0	D	78.6	6.9	17.6	0.0	15.0	0.0	39.1
446	17645000.34	4846205.34	4.44	0	D	78.6	6.9	14.5	0.0	15.0	0.0	42.2
448	17644968.61	4846196.57	4.44	0	D	78.6	6.9	14.0	0.0	15.0	0.0	42.7
450	17644939.49	4846188.52	4.44	0	D	78.6	6.9	11.8	0.0	15.0	0.0	44.9
452	17644908.78	4846180.03	4.44	0	D	78.6	6.9	10.0	0.0	15.0	0.0	46.7
457	17644879.85	4846172.02	4.44	0	D	78.6	6.9	9.4	0.0	15.0	0.0	47.3
459	17644853.79	4846164.82	4.44	0	D	78.6	6.9	9.7	0.0	0.0	0.0	62.0
461	17644828.84	4846157.92	4.44	0	D	78.6	6.9	10.5	0.0	0.0	0.0	61.2
463	17644791.41	4846147.57	4.44	0	D	78.6	6.9	9.6	0.0	0.0	0.0	62.1
465	17644741.50	4846133.77	4.44	0	D	78.6	6.9	12.4	0.0	0.0	0.0	59.3
467	17644691.60	4846119.97	4.44	0	D	78.6	6.9	14.8	0.0	0.0	0.0	56.9
490	17645038.36	4846215.86	2.61	0	D	77.1	6.9	22.2	0.0	15.0	0.0	33.0
493	17645026.00	4846212.44	2.61	0	D	77.1	6.9	19.5	0.0	15.0	0.0	35.7
500	17645000.34	4846205.34	2.61	0	D	77.1	6.9	14.5	0.0	15.0	0.0	40.7
503	17644969.46	4846196.81	2.61	0	D	77.1	6.9	14.3	0.0	15.0	0.0	40.9
505	17644955.69	4846193.00	2.61	0	D	77.1	6.9	25.4	0.0	15.0	0.0	29.8
507	17644939.49	4846188.52	2.61	0	D	77.1	6.9	11.8	0.0	15.0	0.0	43.4
509	17644908.78	4846180.03	2.61	0	D	77.1	6.9	10.0	0.0	15.0	0.0	45.1
511	17644879.85	4846172.02	2.61	0	D	77.1	6.9	9.4	0.0	15.0	0.0	45.7
516	17644853.79	4846164.82	2.61	0	D	77.1	6.9	9.7	0.0	0.0	0.0	60.5
518	17644828.84	4846157.92	2.61	0	D	77.1	6.9	10.6	0.0	0.0	0.0	59.6
520	17644791.41	4846147.57	2.61	0	D	77.1	6.9	9.6	0.0	0.0	0.0	60.6
522	17644741.50	4846133.77	2.61	0	D	77.1	6.9	12.4	0.0	0.0	0.0	57.8
524	17644691.60	4846119.97	2.61	0	D	77.1	6.9	14.8	0.0	0.0	0.0	55.4
675	17644599.04	4846091.03	2.30	0	D	71.5	6.3	14.2	0.0	0.0	0.0	50.9
695	17644599.04	4846091.03	4.44	0	D	78.6	6.3	14.2	0.0	0.0	0.0	58.1
744	17644599.04	4846091.03	2.61	0	D	77.1	6.3	14.2	0.0	0.0	0.0	56.6
795	17644485.48	4846050.83	2.30	0	D	71.5	4.6	20.7	0.0	0.0	0.0	46.2
803	17644485.48	4846050.83	4.44	0	D	78.6	4.6	20.7	0.0	0.0	0.0	53.3
813	17644388.26	4846009.07	2.30	0	D	71.5	1.0	25.8	0.0	0.0	0.0	44.7
816	17644485.48	4846050.83	2.61	0	D	77.1	4.6	20.7	0.0	0.0	0.0	51.8
825	17644388.26	4846009.07	4.44	0	D	78.6	0.9	25.8	0.0	0.0	0.0	51.9
841	17644388.26	4846009.07	2.61	0	D	77.1	1.0	25.8	0.0	0.0	0.0	50.3
878	17644306.82	4845968.87	2.30	0	D	71.5	1.7	28.7	0.0	0.0	0.0	41.1
906	17644306.82	4845968.87	4.44	0	D	78.6	1.6	28.7	0.0	0.0	0.0	48.3
965	17644306.82	4845968.87	2.61	0	D	77.1	1.7	28.7	0.0	0.0	0.0	46.7

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
566	17645052.45	4846220.15	4.44	0	D	84.6	7.1	19.5	0.0	15.0	0.0	42.9
568	17645086.21	4846230.35	4.44	0	D	84.6	7.1	16.5	0.0	15.0	0.0	45.9
570	17645146.76	4846248.64	4.44	0	D	84.6	7.1	16.8	0.0	15.0	0.0	45.7
574	17645209.27	4846267.53	4.44	0	D	84.6	7.1	19.8	0.0	15.0	0.0	42.7
610	17645052.45	4846220.15	2.30	0	D	71.5	7.1	19.5	0.0	15.0	0.0	29.8
612	17645086.21	4846230.35	2.30	0	D	71.5	7.1	16.5	0.0	15.0	0.0	32.8
615	17645146.76	4846248.64	2.30	0	D	71.5	7.1	16.8	0.0	15.0	0.0	32.6
618	17645209.27	4846267.53	2.30	0	D	71.5	7.1	19.8	0.0	15.0	0.0	29.5
647	17645053.12	4846220.35	2.61	0	D	77.1	7.1	19.9	0.0	15.0	0.0	35.1
650	17645086.21	4846230.35	2.61	0	D	77.1	7.1	16.5	0.0	15.0	0.0	38.4
653	17645137.15	4846245.74	2.61	0	D	77.1	7.1	17.9	0.0	15.0	0.0	37.1
655	17645173.18	4846256.63	2.61	0	D	77.1	7.1	23.3	0.0	15.0	0.0	31.6
657	17645209.27	4846267.53	2.61	0	D	77.1	7.1	19.8	0.0	15.0	0.0	35.1
756	17645313.87	4846300.82	4.44	0	D	84.6	7.4	26.7	0.0	15.0	0.0	35.5
758	17645370.23	4846318.79	4.44	0	D	84.6	7.4	20.2	0.0	15.0	0.0	42.0
766	17645267.46	4846285.81	4.44	0	D	84.6	7.5	19.9	0.0	15.0	0.0	42.2
768	17645302.24	4846297.09	4.44	0	D	84.6	7.5	30.8	0.0	15.0	0.0	31.3
774	17645517.92	4846363.40	4.44	0	D	84.6	6.7	22.2	0.0	15.0	0.0	40.7
778	17645583.56	4846382.63	4.44	0	D	84.6	6.7	32.8	0.0	15.0	0.0	30.2
806	17645313.87	4846300.82	2.30	0	D	71.5	7.4	26.7	0.0	15.0	0.0	22.4
808	17645370.23	4846318.79	2.30	0	D	71.5	7.4	20.2	0.0	15.0	0.0	28.9
818	17645593.82	4846385.76	4.44	0	D	84.6	7.9	33.8	0.0	15.0	0.0	27.9
819	17645633.35	4846398.62	4.44	0	D	84.6	7.9	24.6	0.0	15.0	0.0	37.1

Railway, FTA/FRA, Name: "EB Departure - Metrolinx Kingston Subdivision", ID: "rail_0007"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
822	17645267.46	4846285.81	2.30	0	D	71.5	7.5	19.9	0.0	15.0	0.0	29.0
827	17645421.27	4846334.98	4.44	0	D	84.6	6.8	33.4	0.0	15.0	0.0	29.4
828	17645441.60	4846340.99	4.44	0	D	84.6	6.8	26.5	0.0	15.0	0.0	36.3
835	17645313.87	4846300.82	2.61	0	D	77.1	7.4	26.7	0.0	15.0	0.0	28.0
836	17645370.23	4846318.79	2.61	0	D	77.1	7.4	20.2	0.0	15.0	0.0	34.5
842	17645517.92	4846363.40	2.30	0	D	71.5	6.7	22.2	0.0	15.0	0.0	27.6
848	17645267.46	4846285.81	2.61	0	D	77.1	7.5	19.9	0.0	15.0	0.0	34.6
868	17645517.92	4846363.40	2.61	0	D	77.1	6.7	22.2	0.0	15.0	0.0	33.2
952	17645633.35	4846398.62	2.30	0	D	71.5	7.9	24.6	0.0	15.0	0.0	24.0
1005	17645441.60	4846340.99	2.30	0	D	71.5	6.8	26.5	0.0	15.0	0.0	23.2
1044	17645633.35	4846398.62	2.61	0	D	77.1	7.9	24.6	0.0	15.0	0.0	29.6
1055	17645441.60	4846340.99	2.61	0	D	77.1	6.8	26.5	0.0	15.0	0.0	28.8

Railway, FTA/FRA, Name: "WB Arrival - Metrolinx Kingston Subdivision", ID: "rail_0003"												
Nr.	X	Y	Z	Refl.	DEN	Lw	Ageo	Aangle	Agr	Ashield	RL	Lr
	(m)	(m)	(m)			dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
629	17645123.88	4846259.21	2.30	0	D	71.5	6.0	14.7	0.0	15.0	0.0	35.8
631	17645199.05	4846281.51	2.30	0	D	71.5	6.0	24.0	0.0	15.0	0.0	26.5
633	17645222.40	4846288.44	2.30	0	D	71.5	6.0	25.2	0.0	15.0	0.0	25.2
660	17645098.90	4846251.80	4.44	0	D	78.6	6.0	16.2	0.0	15.0	0.0	41.4
662	17645174.06	4846274.10	4.44	0	D	78.6	6.0	18.5	0.0	15.0	0.0	39.1
664	17645222.40	4846288.44	4.44	0	D	78.6	6.0	25.2	0.0	15.0	0.0	32.4
678	17645098.90	4846251.80	2.61	0	D	77.1	6.0	16.2	0.0	15.0	0.0	39.9
680	17645174.06	4846274.10	2.61	0	D	77.1	6.0	18.5	0.0	15.0	0.0	37.6
684	17645222.40	4846288.44	2.61	0	D	77.1	6.0	25.2	0.0	15.0	0.0	30.8
832	17645263.45	4846300.11	2.30	0	D	71.5	5.5	22.3	0.0	15.0	0.0	28.6
844	17645263.45	4846300.11	4.44	0	D	78.6	5.5	22.3	0.0	15.0	0.0	35.7
850	17645263.45	4846300.11	2.61	0	D	77.1	5.5	22.3	0.0	15.0	0.0	34.2
861	17645336.01	4846319.83	2.30	0	D	71.5	6.1	27.3	0.0	15.0	0.0	23.0
862	17645364.84	4846328.36	2.30	0	D	71.5	6.1	25.7	0.0	15.0	0.0	24.6
873	17645336.01	4846319.83	4.44	0	D	78.6	6.1	27.3	0.0	15.0	0.0	30.1
874	17645364.84	4846328.36	4.44	0	D	78.6	6.1	25.7	0.0	15.0	0.0	31.7
879	17645473.30	4846359.29	2.30	0	D	71.5	5.7	28.3	0.0	15.0	0.0	22.5
880	17645500.94	4846367.11	2.30	0	D	71.5	5.7	30.2	0.0	15.0	0.0	20.6
881	17645523.77	4846373.56	2.30	0	D	71.5	5.7	30.5	0.0	15.0	0.0	20.3
884	17645584.81	4846391.28	2.30	0	D	71.5	6.1	24.4	0.0	15.0	0.0	25.9
897	17645336.01	4846319.83	2.61	0	D	77.1	6.1	27.3	0.0	15.0	0.0	28.6
898	17645364.84	4846328.36	2.61	0	D	77.1	6.1	25.7	0.0	15.0	0.0	30.2
909	17645473.30	4846359.29	4.44	0	D	78.6	5.6	28.3	0.0	15.0	0.0	29.6
912	17645500.94	4846367.11	4.44	0	D	78.6	5.6	30.3	0.0	15.0	0.0	27.7
918	17645523.77	4846373.56	4.44	0	D	78.6	5.6	30.5	0.0	15.0	0.0	27.4
921	17645584.81	4846391.28	4.44	0	D	78.6	6.1	24.4	0.0	15.0	0.0	33.1
930	17645308.63	4846312.36	2.30	0	D	71.5	4.7	26.6	0.0	15.0	0.0	25.2
936	17645473.30	4846359.29	2.61	0	D	77.1	5.7	28.3	0.0	15.0	0.0	28.1
938	17645500.94	4846367.11	2.61	0	D	77.1	5.7	30.2	0.0	15.0	0.0	26.2
943	17645584.81	4846391.28	2.61	0	D	77.1	6.1	24.4	0.0	15.0	0.0	31.5
968	17645308.63	4846312.36	4.44	0	D	78.6	4.7	26.6	0.0	15.0	0.0	32.3
971	17645401.86	4846339.31	2.30	0	D	71.5	6.1	26.0	0.0	15.0	0.0	24.3
1008	17645308.63	4846312.36	2.61	0	D	77.1	4.7	26.6	0.0	15.0	0.0	30.8
1018	17645401.86	4846339.31	4.44	0	D	78.6	6.1	26.0	0.0	15.0	0.0	31.4
1022	17645439.06	4846349.85	2.30	0	D	71.5	5.0	28.0	0.0	15.0	0.0	23.4
1034	17645401.86	4846339.31	2.61	0	D	77.1	6.1	26.0	0.0	15.0	0.0	29.9
1047	17645439.06	4846349.85	4.44	0	D	78.6	5.0	28.0	0.0	15.0	0.0	30.6
1058	17645439.06	4846349.85	2.61	0	D	77.1	5.0	28.0	0.0	15.0	0.0	29.0
1089	17645646.31	4846409.31	2.30	0	D	71.5	6.4	31.0	0.0	15.0	0.0	19.0
1096	17645646.31	4846409.31	4.44	0	D	78.6	6.4	31.0	0.0	15.0	0.0	26.2

APPENDIX D

SOUND TRANSMISSION CLASS (STC) CALCULATION

STC - Sound Transmission Calculator

Find/Change Required STC for Components

31-Oct-25

File # 25200

Indoor Sound Level 40 dB(A)

Room Absorption Category Intermediate

Outdoor Sound Level 68 dB(A) +3dB = 71 dB(A) (plus 3 dB from Table 2 to for 60 to 90 Degrees) for surface 1 (South Façade)
67 dB(A) +3dB = 70 dB(A) (plus 3 dB from Table 2 to for 60 to 90 Degrees) for surface 2 (West Façade)

Spectrum F (Diesel Railway Locomotives)

Calc Location Guildwood GO TOC

Components:		Surf.	After Step 2	From Table 3 (% Energy)	From Table 4 (% floor area)	From Table 5 (spectrum)	STC	Calc
1	(8 , Exterior Wall)	1	34	9.0 (13 %)	1.0 (100 %)	10.0	54	By STC
2	(8 , Exterior Wall)	2	33	10.0 (10 %)	1.0 (100 %)	10.0	54	By STC
3	(4 , Window, openable thin, dou)	1	34	3.3 (46 %)	-2.0 (50 %)	3.0	38	By Energy D
4	(4 , Window, openable thin, dou)	2	33	5.0 (31 %)	-2.0 (50 %)	3.0	39	By STC